



State University System of Florida Board of Governors  
**REQUEST TO OFFER A NEW DEGREE PROGRAM**

In accordance with Board of Governors Regulation 8.011

(Please do not revise this proposal format without prior approval from Board staff)

University of Central Florida  
**Institution Submitting Proposal**

College of Health Professions & Sciences

**Name of College(s) or School(s)**

Health Sciences  
**Academic Specialty or Field**

51.2207  
**Proposed CIP Code (2020 CIP)**

Fall 2024  
**Proposed Implementation Term**

Department of Health Sciences  
**Name of Department(s)/Division(s)**

Master of Science in Health Sciences  
**Complete Name of Degree**

- Proposed Program Type**  
 E&G Program  
 Market Tuition Rate Program  
 Self-Supporting Program

The submission of this proposal constitutes a commitment by the university that, if the proposal is approved, the necessary financial resources and the criteria for establishing new programs have been met before the program's initiation.

\_\_\_\_\_  
**Date Approved by the University Board of Trustees**

\_\_\_\_\_  
**President's Signature**                      **Date**

\_\_\_\_\_  
**Board of Trustees Chair's Signature**                      **Date**

\_\_\_\_\_  
**Provost's Signature**                      **Date**

## Projected Enrollments and Program Costs

Provide headcount (HC) and full-time equivalent (FTE) student estimates for Years 1 through 5. HC and FTE estimates should be identical to those in Appendix A – Table 1. Indicate the program costs for the first and the fifth years of implementation as shown in the appropriate columns in Appendix A – Table 3A or 3B. Calculate an Educational and General (E&G) cost per FTE for Years 1 and 5 by dividing the total E&G by FTE.

| Implementation Timeframe | H C | FTE   | E&G Cost per FTE | E&G Funds | Contract & Grants Funds | Auxiliary/Philanthropy Funds | Total Cost |
|--------------------------|-----|-------|------------------|-----------|-------------------------|------------------------------|------------|
| Year 1                   | 10  | 12.00 | 20,277           | 243,321   | 0                       | 0                            | 243,321    |
| Year 2                   | 20  | 23.50 |                  |           |                         |                              |            |
| Year 3                   | 25  | 29.75 |                  |           |                         |                              |            |
| Year 4                   | 30  | 35.50 |                  |           |                         |                              |            |
| Year 5                   | 35  | 40.75 | 6,468            | 263,587   | 20,400                  | 0                            | 283,987    |

## Programs of Strategic Emphasis Waiver *(for baccalaureate programs only)*

Does the program fall under one of the CIP codes listed below?

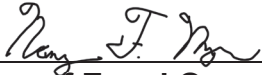
- Yes  
 No

If yes, students in the program will be eligible for the Programs of Strategic Emphasis (PSE) waiver. See [Board Regulation 7.008](#) and the [PSE Waiver Guidance](#) for additional details.

| CIP CODE | CIP TITLE                              | CATEGORY     |
|----------|--|--------------|
| 11.0101  | Computer and Information Sciences      | STEM         |
| 11.0103  | Information Technology                 | STEM         |
| 14.0801  | Civil Engineering                      | STEM         |
| 14.0901  | Computer Engineering                   | STEM         |
| 14.1001  | Electrical and Electronics Engineering | STEM         |
| 27.0101  | Mathematics                            | STEM         |
| 40.0801  | Physics                                | STEM         |
| 52.0301  | Accounting                             | GAP ANALYSIS |
| 52.0801  | Finance                                | GAP ANALYSIS |
| 52.1201  | Management Information Systems         | STEM         |

**Additional Required Signatures**

I confirm that I have reviewed and approved Need and Demand Section III.F. of this proposal.



10/12/2023

\_\_\_\_\_  
**Signature of Equal Opportunity Officer**

\_\_\_\_\_  
**Date**

I confirm that I have reviewed and approved Non-Faculty Resources Section IX.A. and IX.B. of this proposal.

**Beau Case**



Digitally signed by Beau Case  
Date: 2023.10.13 15:28:39 -04'00'

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**Signature of Library Dean/Director**

\_\_\_\_\_  
**Date**

## Introduction

### I. Program Description and Relationship to System-Level Goals

#### A. Describe within a few paragraphs the proposed program under consideration and its overall purpose, including:

- **degree level(s)**
- **majors, concentrations, tracks, specializations, or areas of emphasis**
- **total number of credit hours**
- **possible career outcomes for each major (provide additional details on meeting workforce need in Section III)**

**Degree level, majors, concentrations, tracks, specializations, or areas of emphasis:** The Department of Health Sciences is proposing a Master of Science in Health Sciences with non-thesis and thesis options under CIP 51.2207 (i.e., Public Health Education and Promotion). The proposed degree will be the sole SUS program under CIP Code 51.2207.

The non-thesis option is designed to be completed in three consecutive semesters beginning with the fall semester. Non-thesis students will enroll in 12 credit hours each in the fall and spring semesters and 6 credit hours during the summer semester (total = 30 credit hours). Thesis students will enroll in 9 credits each during the fall and spring semesters for two consecutive years and 6 credit hours during the summer semester of their first year of study (total = 42 credit hours).

The curriculum includes coursework designed to achieve the competencies needed to become a Certified Health Education Specialist (CHES) and/or a Certified Health and Wellness Coach. Both credentials improve competitiveness for employment. Neither of these certifications involves outside accreditation reports or reviews.

Interns accepted into the Veterans Administration Health Care Service (Orlando VAHCS) accredited dietetic internship program will complete our proposed master's degree to satisfy new eligibility requirements for taking the registered dietitian nutritionist (RDN) credentialing exam. Neither the credentialing agency nor the accrediting body specify the area of study needed to meet the master's degree requirement; however, the Orlando VAHCS recognizes the benefit of our proposed Master of Science in Health Sciences as one that will enhance the knowledge and skills of future RDNs who work in settings where expertise in health promotion and behavior change and translation of research into practice are critical. (Note: The accreditation process and fees are fully the responsibility of the Orlando VAHCS.)

**Total credit hours:** Students in the non-thesis option will complete 10 required, three-credit hour courses (30 credit hours total). Students in the thesis option will complete 12 required, three-credit hour courses, nine courses of which are core courses for both options. The additional three courses for the thesis option include HSC6513 - Statistical Methods for Human Health and Behavioral Research (three-credit hours), HSC6742 - Introduction to Clinical Research (three-credit hours), and three-credit hours of an elective offered through the School of Kinesiology and Rehabilitation Sciences (see **Appendix M** for letter supporting use of courses for elective). Thesis students also will complete six credit hours of thesis for writing proficiency for a total of 42 credit hours.

## Career outcomes (examples of potential occupational titles)

- **Health education specialist (SOC 21-1091)**
  - Health education specialist/Certified Health Education Specialist (CHES)
  - Public health educator/health educator
  - Community health education coordinator
  - Community outreach manager/coordinator
  - Patient health education director
  - Health and wellness manager/coordinator/coach
  - Health communication specialist
  - School health coordinator
  - Instructor (post-secondary) – Health education, health promotion, health and wellness, public health
- **Registered dietitian nutritionist (SOC 29-1031; only for students who also complete the Orlando VAHCS Dietetic Internship Program)**
  - Clinical dietitian/dietitian
  - Nutritionist
  - Public health dietitian/nutritionist
  - Research dietitian/nutritionist
  - Sports nutritionist
  - Pediatric dietitian/nutritionist
  - Renal dietitian/nutritionist
  - Diabetes educator/Certified Diabetes Educator
  - Instructor (post-secondary) – Nutrition, health education, health promotion, health and wellness, public health

## Program Purpose and Description

A key focus of the US Department of Health and Human Services Healthy People 2030 initiative is well-being and the need to address emerging health concerns and ongoing chronic disease issues such as heart disease, diabetes, and obesity. Developing the health and wellness industry workforce is a top priority nationwide as the health of a population directly impacts worker productivity and economic development. **The purpose of the Master of Science in Health Sciences** is to produce graduates who are adept at translating scientific research into practice to promote healthy lifestyles and environments with the goal of providing and directing services aimed at reducing chronic disease risk and ameliorating the impact that existing chronic diseases/disorders have on individuals and communities. Improving health outcomes of individuals and communities is critical as it reduces 1) costly premature death and disability; 2) the financial and human costs of medical treatment; 3) and the economic burden on individuals, families, employers, and society due to decreased worker productivity, lost wages, and the cost of government-funded medical programs.

The Master of Science in Health Sciences will prepare students to address human health in ways that serve an unmet need in graduate offerings at UCF and the region and complement existing graduate degree programs in the College of Health Professions and Sciences (CHPS) and the Academic Health Sciences Center (AHSC). Graduates of this program will be equipped to employ strategies to support positive lifestyle changes among healthy and chronically ill individuals and populations; use data to identify community needs; develop, direct, and evaluate public health education programs and health promotion screenings and campaigns designed to maximize and

maintain healthy lifestyles for individuals, families, and communities/vulnerable groups; serve as a resource for other health professionals and community workers; advocate for improved health promotion policies, services, and resources; plan, develop, and implement health-related research proposals; and conduct systematic reviews and meta-analyses to evaluate and assess research findings for translation into practice. Their roles may be carried out in federal, state, and local health-related agencies; inpatient/outpatient healthcare facilities; non-governmental health organizations; schools and universities; and the private sector.

A unique aspect of the proposed degree is a partnership with the Orlando VAHCS Dietetic Internship Program. Dietetic internship programs are accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND; see letter of support from the Orlando VAHCS in **Appendix M**). Accredited programs are designed to meet the eligibility requirements to take the national credentialing exam for registered dietitian nutritionists (RDNs). (The RDN credential meets the requirements for state licensure as a dietitian/nutritionist.) New accreditation standards require completion of an accredited dietetic internship **AND** a graduate degree to take the credentialing exam. The Orlando VAHCS seeks a partnership with us as it recognizes the benefit of our proposed Master of Science in Health Sciences as a degree program that will enhance the knowledge and skills of future RDNs who work in settings where expertise in health promotion and behavior change and translation of research into practice are critical. Prospective students seeking to complete their dietetic internship at the Orlando VAHCS will be required to apply to our proposed master's degree program and the dietetic internship program, meet admission criteria, and successfully complete the Master of Science in Health Sciences and the dietetic internship program to establish eligibility to take the RDN exam. This arrangement will provide an additional source of students, help to develop a high level of engagement with a community/business entity, and contribute to workforce development. The anticipated start date for the Orlando VAHCS dietetic internship is Fall 2024. The accreditation requirements (i.e., reports, site visits, and costs) will be the sole responsibility of the Orlando VAHCS Dietetic Internship Program.

**B. If the proposed program qualifies as a Program of Strategic Emphasis, as described in the Florida Board of Governors 2025 System Strategic Plan, indicate the category.**

• **Critical Workforce**

- Education
- Health
- Gap Analysis

• **Economic Development**

- Global Competitiveness
- Science, Technology, Engineering, and Math (STEM)

- Does not qualify as a Program of Strategic Emphasis.**

**II. Strategic Plan Alignment, Projected Benefits, and Institutional Mission and Strength**

**A. Describe how the proposed program directly or indirectly supports the**

following:

- **System strategic planning goals (see the link to the 2025 System Strategic Plan on the [New Program Proposals & Resources](#) webpage)**
- **the institution's mission**
- **the institution's strategic plan**

## **State University System Strategic Planning Goals**

### **Teaching & Learning Goals**

#### ***Excellence Goal: Strengthen Quality and Reputation of the Universities***

The proposed Master of Science in Health Sciences will build on the strengths, reputation, and demand established for our undergraduate degree in Health Sciences. Our emphasis on high quality teaching, including a curriculum that incorporates high impact practices, will continue at the graduate level. Evidence of our dedication to high quality programming can be seen through our undergraduate course offerings that have earned the Quality (n=6) and High Quality (n=5) badges and the development of six courses designated as high impact practice courses (HIP; 2 Research Intensive; 2 Integrative Learning Experiences; and 2 Service Learning). In fact, the Department of Health Sciences leads the way in the number of students who have taken Research Intensive courses at UCF (n=3747 since 2018). Furthermore, since 2017-2018, our faculty have far exceeded the UCF average for the number of undergraduate students involved in research per faculty with an apex of 8.0 students involved per faculty in 2021-2022 compared to the UCF average of 3.31. Numerous publications and conference presentations have resulted from our undergraduate students' work. Our faculty is ready and eager to take on the challenge of building a high-quality graduate program that extends our research outputs. Our proposed curriculum's focus on the application of evidence-based research, and the expertise, experience, and drive of our faculty will ensure a high-quality program and further enhance the reputation of our unit, CHPS, and the AHSC as entities renowned for taking a comprehensive approach to promoting human health.

#### **Productivity Goal: Increase Degree Productivity and Program Efficiency**

The Orlando VAHCS is seeking a collaboration with our department to offer a master's degree program for students enrolled in the dietetic internship program they are developing. New accreditation standards require completion of a master's degree in addition to an accredited dietetic internship to earn the registered dietitian nutritionist (RDN) credential, a credential that meets the requirements for state licensure as a dietitian/nutritionist. Our proposed master's degree will provide access to the master's degree training needed while allowing dietetic interns to complete both components of their training efficiently and within a reasonable timeframe (i.e., 21 months; 12 months of graduate study and 9 months to complete the dietetic internship supervised practice requirements). This will help to address Central Florida's (15%) and the state's (9.8%) projected workforce need for RDNs ([EP Employment Projections - FloridaJobs.org](#); accessed May 25, 2023).

Our program will meet the eligibility requirements to take the exam to become a Certified Health Education Specialist (CHES) through the National Commission for Health Education Credentialing, an organization whose mission is to promote, improve, and protect the health of people through upholding the highest quality standards in health education certifications ([NCHEC Vision and](#)

[Mission](#); accessed June 25, 2023). Our graduate curriculum also will include courses and competencies needed to become a National Board of Health and Wellness Coaching (NBHWC) approved program provider ([NBHWC Approved Program Provider](#); accessed June 25, 2023) . As an approved provider, graduates will be eligible to take the NBHWC certification exam, an exam created in collaboration with the National Board of Medical Examiners, to become a certified Health and Wellness Coach. The opportunity for students to be eligible for these certifications without increasing the length of the program or the need to complete a separate costly training program increases program productivity and efficiency and provides a competitive advantage and increased earning potential.

The central Florida location will provide place-bound students who prefer face-to-face (F2F) learning with the opportunity to complete an advanced degree at a lower cost than relocating elsewhere. As the only MS in Health Sciences offered at a Hispanic Serving Institution in Florida, the program is likely to attract more underrepresented minorities. Furthermore, our department's large population of underrepresented minorities (i.e., ~64%; 30% Hispanic, 16% black, 13% Asian, 5% multi-race; ~75% female) will serve as a feeder into our proposed graduate degree program.

**Strategic Priorities Goal: Increase the Number of Degrees Awarded in STEM/Health and Other Programs of Strategic Emphasis**

- The Master of Science in Health Sciences will fall under CIP code 51.2207, a code included within the Florida SUS Board of Governor's list of health-related CIP codes. As such, it will increase the number of graduate degrees awarded in STEM/Health.

**Scholarship, Research, and Innovation Goals**

***Excellence Goal: Strengthen the Quality and Reputation of Scholarship, Research, and Innovation and***

***Productivity Goal: Increase Research Activity and Attract More External Funding***

As previously discussed (see above: Excellence Goal: Strengthen Quality and Reputation of the Universities), our faculty will extend the commitment they have demonstrated at the undergraduate level to building a graduate program that is highly regarded for its scholarship, research, and innovation.

Our tenure-track faculty currently average five peer-reviewed research publications per year, submit multiple external grants, present their research at national and international conferences, and contribute to the scholarship of teaching and learning (SoTL) by presenting SoTL research at national conferences. The proposed Master of Science in Health Sciences will enhance research productivity as faculty mentor students on research projects and theses. All students, regardless of whether they choose the thesis or nonthesis option, will be required to take our proposed course, HSC66053 – Systematic Reviews and Meta-analysis. One of the outcomes of this course will be a student-generated systematic review/meta-analysis on a topic related to an area addressing human health. Systematic reviews and meta-analyses are powerful research tools that can be used to help identify the value of certain approaches to health care/health promotion/health education, and as such, they provide valuable evidence for future care and research. In collaboration with a faculty advisor, these systematic reviews have the potential to



be published in peer-reviewed journals. They also may serve as springboards for subsequent research projects and grant proposals.

Thesis research using methodological advances and innovations in technology that allow for real time data collection, delivery of just-in-time messaging and rewards, and completion of well-designed research studies are needed to provide more robust data for the development of successful interventions aimed at reducing morbidity and preventable deaths from chronic illnesses, thereby impacting the economy by reducing healthcare expenditures. It is expected that peer-reviewed publications will increase, research results will inform subsequent grant proposals and increase funding, and opportunities to expand collaborative research exploring new approaches to complex health issues will ensue. This will enhance the research profile and productivity of the faculty; the reputation of the program, college, and UCF; and our ability to attract the most talented students and faculty thereby increasing competitiveness for external funding, consistent with UCF and the SUS Strategic Plan. Additionally, graduates will have gained valuable skills from this process and potentially have a publication to their credit that will boost their marketability.

### **Community and Business Engagement Goals** (Letters of support provided in **Appendix M**)

#### **Excellence Goal: Increase Levels of Community and Business Engagement**

The proposed Master of Science in Health Sciences provides a unique opportunity for increasing community and business engagement through a collaboration with the Orlando VAHCS. As noted previously, new accreditation standards require completion of a master's degree **AND** an accredited dietetic internship to earn the RDN credential. The proposed curriculum will enhance the knowledge and skills of future RDNs who often work in settings where expertise in health promotion and behavior change, and the ability to critically evaluate research findings and propose sound research studies is critical. While components of the master's degree will help meet required competencies, the responsibility for meeting accreditation standards and the cost for maintaining accreditation will rest fully with the Orlando VAHCS.

Our curriculum will include a required practicum experience for non-thesis students (HSC6946XXX - Health Promotion Practicum; this course will be optional for thesis students). These experiences will require working with various community and industry partners, as well as UCF campus entities including the UCF Recreation and Wellness Center and Student Health Services. Working with community and industry partners will increase engagement and collaboration with the community and businesses. As faculty and thesis students seek partners for conducting research interventions, there will be opportunities to explore other collaborative efforts.

#### **Strategic Priorities Goal: Increase Community and Business Workforce**

Graduates of this program will be well-positioned to meet the growing need for health educators/health promotion specialists in Central Florida and statewide (percent growth from 2022-2030 = 11.8% and 10.7%, respectively) ([EP Employment Projections - FloridaJobs.org](#); accessed May 25, 2023). Our graduates will be capable of planning, implementing, evaluating, and directing programs in hospitals and rehabilitation centers, long term care, government, health-related service organizations, non-profit organizations, and businesses that address human health and wellness. They also will be eligible to teach health-related courses (e.g., lifestyle health and health behavior, preventive health, health promotion, community health,

social determinants of health/health equity, etc.) at public and private colleges and universities, professional schools, and state colleges.

Providing an avenue for Orlando VAHCS dietetic interns to earn a master's degree and subsequently be eligible to take the national RDN credentialing exam will help meet Central Florida's predicted workforce demand for RDNs of 15% (9.8% statewide; 7% nationally) ([EP Employment Projections - FloridaJobs.org](#); [National Workforce Projection](#); accessed May 25, 2023).

### **Institution's Mission**

The UCF mission adopted in 2022 identifies the institution's aims as unleashing individual potential; enriching the human experience through inclusion, discovery, and innovation; and boosting prosperity in the communities served ([UCF Strategic Plan Unleashing Potential 2022-2027](#)). The missions of the AHSC and CHPS focus on patient care and improving the health and well-being of individuals and communities through integrative and inclusive education, research, clinical practice, and service.

#### ***Unleashing Individual Potential***

The UCF, AHSC, and CHPS missions are well-aligned with our proposed Master of Science in Health Sciences. For example, students in the proposed graduate program will have the opportunity to realize their potential to succeed in an advanced degree program and appreciate the contributions they can make toward improving the health and well-being of communities as future health education/health promotion specialists. The roles and responsibilities associated with this occupation are such that they can have meaningful impacts on the health outcomes and status of individuals and communities through the creation and delivery of health education programs, health promotion campaigns and screenings, and policy advocacy. Similarly, students who complete the Orlando VAHCS dietetic internship program and the proposed master's degree will fulfill their desire to contribute to the health and well-being of individuals and communities through their combined expertise in nutrition and the additional competencies all program graduates will achieve in the areas of health education and promotion, behavioral health, advocacy for public health programs, and translation of research into clinical practice.

#### ***Enriching the Human Experience through Discovery and Innovation***

The inclusion of courses focusing on research planning and systematic reviews and meta-analyses will provide all graduates with tools they can use to contribute to discovery, while coursework focusing on program planning, implementation, and evaluation will lay the groundwork for developing innovative health education and promotion programs and strategies. Alternatively, graduates may use their education and training as a steppingstone to improve their competitiveness for entry into other high demand health professions that impact human health. Combining their knowledge and skills as a health education specialist with that of their new profession has the potential for discovery of innovative ways to approach and deliver effective healthcare services.

#### ***Inclusion and Boosting Prosperity in Communities Served***

The composition of the undergraduate student body at UCF, particularly that of our unit's undergraduate program, is such that there is the potential to attract a diverse group of students into our proposed graduate degree program. A diverse student population provides an opportunity to contribute to fostering cultural competence among students and building a diverse healthcare workforce. Building a culturally competent, diverse healthcare workforce can reduce healthcare bias; improve the effectiveness of healthcare delivery; improve

communication among healthcare professionals, individual patients/clients, and population groups; reduce healthcare costs; and ultimately improve quality of life, productivity, and financial status, all of which contribute to boosting the prosperity of the communities served.

### **Institution's Strategic Plan**

The goals outlined in the UCF Strategic Plan are arranged into four priority initiatives, namely, 1) student success and well-being, 2) discovery and exploration, 3) community and culture, and 4) sustainability and innovation ([UCF Strategic Plan Unleashing Potential 2022-2027](#)).

#### **Student Success and Well-Being**

The UCF Strategic Plan focuses on making high-quality education affordable and accessible and accelerating student success in multiple ways including ensuring that graduates have the knowledge, skills, and aptitudes that align with the workforce of the future ([UCF Strategic Plan Unleashing Potential 2022-2027](#)). Our unit's emphasis on high quality teaching at the undergraduate level, including a curriculum that incorporates high impact practices, will continue at the graduate level. Furthermore, our commitment to producing graduates who can apply, analyze, and synthesize what they have learned will prepare them with the skills and abilities they need to adapt and innovate in response to the ever-changing needs of the workforce. It will also enhance the reputation of our unit, CHPS, and the AHSC as entities renowned for taking a comprehensive approach to promoting human health.

A priority initiative of UCF's "Student Success and Well-being" category is expanding the "breadth of professional master's degrees and graduate certificates to meet the specialized workforce needs of the region and state" ([UCF Strategic Plan Unleashing Potential 2022-2027](#)). Health education/health promotion specialists are professionals whose knowledge, skills, and training complement the work of other healthcare professionals and policymakers. Our program will produce graduates who are career ready and who are eligible for two certifications – the Certified Health Education Specialist and the Certified Health and Wellness Coach. Thus, our graduates will be well-positioned for rewarding careers as health education/health promotion specialists, an occupation for which the projected growth is greater than average. Specifically, the US Bureau of Labor Statistics predicts an 8% increase in employment opportunities nationwide for health education/promotion specialists for 2021-2031 ([Bureau of Labor Statistics](#) accessed May 25, 2023). The 2022-2030 projected increases for Central Florida and the State of Florida are 11.8% and 10.7%, respectively ([EP Employment Projections - FloridaJobs.org](#); accessed May 25, 2023). Considering that Florida is the third most populous state in the US and the ongoing rapid growth of metropolitan Orlando and its outlying areas, it's not surprising that the projected increases are greater for Florida and Central Florida, a need that our proposed program will help fill. The US Bureau of Labor Statistics national projection for dietitian nutritionists is 7%. The predicted workforce demand for dietitian nutritionists in Central Florida and the State of Florida are 15% and 9.8%, respectively ([EP Employment Projections - FloridaJobs.org](#); accessed May 25, 2023), further supporting the need and demand of our proposed degree program.

Further evidence of alignment with the university's strategic plan is the fact that "health and human performance" is singled out as one of five focus areas, and healthcare and life sciences are noted as two of the sectors that will fuel wage growth and sustained economic development.

#### **Discovery and Exploration**

The focus of the "Discovery and Exploration" priority is research. Research is recognized as a driver of the region's economic health and a contributor to achieving the state's objective of

becoming the 10<sup>th</sup> largest economy in the world. Two priority initiatives under “Discovery and Exploration” are 1) “encouraging research as pedagogy and integrating research knowledge into curriculum design and instruction” and 2) “recognizing and incenting research translation” ([UCF Strategic Plan Unleashing Potential 2022-2027](#)).

Projects completed by students in our program such as developing a research proposal, critically evaluating research studies, and conducting a systematic review and meta-analysis align with these UCF priority initiatives. Graduates of our program will be able to translate scientific research into practice and use these skills to develop and provide services aimed at reducing chronic disease risk and ameliorating the impact that existing chronic diseases/disorders have on individuals and communities. All students will have the experience of planning and developing a research protocol. Additionally, thesis students, under the direction of their mentors, will conduct novel research addressing health and wellness issues facing individuals and communities using methodological advances and innovations in technology that allow for real time data collection, delivery of just-in-time messaging and rewards, and completion of well-designed research studies that provide robust data for the development of successful interventions aimed at reducing morbidity and preventable deaths from chronic illnesses.

One of the goals under the “Discovery and Exploration” priority is an increased focus on research. It is expected that peer-reviewed publications will increase, research results will inform subsequent grant proposals and increase funding, and opportunities to expand collaborative research exploring new approaches to complex health issues will ensue with the addition of a graduate program. This will enhance the research profile and productivity of the faculty; the reputation of the program, college, and UCF; and our ability to attract the most talented students and faculty thereby increasing competitiveness for external funding, consistent with UCF and the SUS Strategic Plans. Additionally, graduates will have gained valuable skills from this process and potentially have a publication to their credit that will boost their marketability.

### **Community and Culture**

One of the goals listed under the “Community and Culture” priority area is to “establish comprehensive partnerships that integrate education, research, the arts, service, workforce development, and philanthropic engagement” ([UCF Strategic Plan Unleashing Potential 2022-2027](#)). Approval of the proposed master’s degree program will strengthen the partnership our unit has been forging with the Orlando VAHCS and provide the opportunity to fully integrate our mutual vision for education, research, service, and workforce development.

As discussed under the SUS Strategic Planning goals, our curriculum will include a required practicum experience for non-thesis students (optional for thesis students). These experiences will require working with various community and industry partners. Working with community and industry partners will increase engagement and collaboration with the community and businesses. As faculty and thesis students seek partners for conducting research interventions, there will be opportunities to explore other collaborative efforts.

### **Innovation and Sustainability**

One of the goals under the “Innovation and Sustainability” priority area is “enhancing UCF’s brand and national reputation” ([UCF Strategic Plan Unleashing Potential 2022-2027](#)). Priority initiatives for this goal include “raising UCF’s national profile by highlighting academic excellence, student achievements, research, and creative activities...”. Our proposed program is aligned with

this initiative as it is our intent to create a high quality graduate degree program that also meets the eligibility requirements for two certifications (i.e., Certified Health Education Specialist and National Board of Health and Wellness Health and Wellness Coach). Additionally, students who are eligible for and are accepted into the Orlando VAHCS dietetic internship and our master's degree program will be eligible to take the national credentialing exam to become an RDN.

Integration of research competencies into our curriculum will prepare students to develop research proposals, conduct systematic reviews, critically evaluate research findings, and translate research findings into evidence-based practice as appropriate. It is also expected that they will present their findings at conferences and potentially publish in peer-reviewed journals, outcomes that will enhance UCF's reputation.

Students enrolled in the program will be expected to create innovative proposals outlining health education/health promotion programs and develop health advocacy materials based on a community needs assessment. It is expected that some of these proposals will be initiated in the community, which will expand our reputation in healthcare.

**B. Describe how the proposed program specifically relates to existing institutional strengths. This can include:**

- **existing related academic programs**
- **existing programs of strategic emphasis**
- **institutes and centers**
- **other strengths of the institution**

**Existing Related Academic Programs**

Although we anticipate that most students applying for our program will come from our undergraduate major in **Health Sciences**, other likely prospects include graduates from the **Burnett School of Biomedical Sciences**, the **School of Kinesiology and Rehabilitation Sciences - Kinesiology, Nursing BSN**, and **Biology – Pre-Health Professional**. These programs focus on areas of strategic emphasis (i.e., health and STEM). The proposed master's degree will provide an avenue for attaining more advanced knowledge and skills related to health.

**Existing Programs of Strategic Emphasis**

The Department of Health Sciences is one of four departments/schools in CHPS, and as such, is **part of the AHSC**, a partnership that includes the **College of Medicine (COM)**, the **College of Nursing (CON)**, and the **UCF Student Health Center**. **This partnership brings health experts in existing programs of strategic emphasis (i.e., health, STEM, education) together to advance education, research, and patient care.** For example, our faculty conduct NIH and other grant-funded research with faculty in the COM and the CON and publish their findings, which have implications for patient care and/or public health, in peer-reviewed journals. Our faculty also collaborate with faculty within CHPS on health-related community-based participatory research and service, and we are part of the **UCF Population Health Collaborative Council** whose purpose is to generate high-impact educational, research, clinical, and community initiatives to promote population health and address health disparities. These collaborations will be fully leveraged to provide learning opportunities for students enrolled in our proposed graduate degree program.

As noted in Section II.A., Health Sciences faculty are highly productive instructors and researchers and are keenly enthusiastic and supportive of our Master of Science in Health Sciences degree

program proposal. Our unit currently has 19 established full-time faculty lines, excluding the chair, with plans to increase our full-time faculty lines to 21 due to our high undergraduate enrollment by the 2025-2026 academic year. Twelve of our faculty will contribute to teaching and mentoring students enrolled in the proposed program.

### **Institutes and Centers**

There are several centers and an institute in CHPS that relate to the proposed Master of Science in Health Sciences. These include:

- The **Wellness Research Center** is a free resource to UCF employees focusing on fitness and physical health. This facility, operated under the direction of the **School of Kinesiology and Rehabilitation Sciences**, provides an opportunity to expand services to include health education/promotion initiatives focusing on other areas of health and could serve as a practicum site for our students. (See **Appendix M** – Letters of Support.)
- **UCF’s Recreation and Wellness Center - Wellness & Health Promotion Services** promotes provides a wide variety of health and wellness services to the UCF student population. The mission of this service is “to promote a culture of well-being where students identify and practice lifelong skills that improve quality of life” ([About • Wellness & Health Promotion Services • UCF](#)). The emphasis on promoting health lifestyles and environments is perfectly aligned with our proposed program and will provide a rich learning environment for students enrolled in our practicum course. (See Appendix M – Letters of Support.)
- The **Center for Behavioral Health Research and Training** in the **School of Social Work**, fosters collaboration among mental health professionals, health care providers, and behavioral health researchers with the mission of improving best practices and behavioral health outcomes. Our faculty has collaborated on funded research projects through the center in the past as there is a strong connection between mental health and physical health. Continued collaborations will facilitate opportunities for our students to engage in interprofessional academic and research endeavors related to improving health behaviors and quality of life. (See **Appendix M** – Letters of Support.)
- The **Center for Autism and Related Disabilities** provides services to individuals with autism and related disabilities. Our unit has a strong affiliation with this center through the **Judo for Autism** program started by one of our faculty. This program uses judo as a health promotion intervention to improve physical activity, sleep quality, social skills, and self-confidence. Learning how to design, validate the effectiveness, and sustain health education/promotion programs that can improve the health status and quality of life of vulnerable/underserved populations such as this is relevant to our proposed program. (See **Appendix M** – Letters of Support.)
- The **CHPS Rehabilitation Innovation Center** cultivates and leverages healthcare technology, education, care delivery, and wellness and prevention strategies to transform healthcare. The unique educational and research technologies available in the center, the interprofessional environment, and dedicated space for the Department of Health Sciences provides a great venue for engaging in academic and research endeavors aimed at promoting healthy lifestyles and reducing disease burden through health promotion activities. (See **Appendix M** – Letters of Support.)

- The **Institute of Exercise Physiology and Rehabilitation Science**, part of the **School of Kinesiology and Rehabilitation Sciences** (see Appendix M – Letters of Support), houses specialized laboratories and research equipment relevant to the fields of exercise and rehabilitation sciences. Interdisciplinary collaboration with this institute will provide opportunities to conduct research and translate research findings into viable health education/promotion programs designed to improve health outcomes.
- The **UCF Institute for Social and Behavioral Sciences** specializes in research relevant to public health and policy issues in Florida. Their focus on understanding issues related to the health of individuals and communities is highly relevant to our proposed graduate program and could provide great opportunities for collaborative endeavors and research.

**Other Strengths of the Institution**

- UCF’s commitment to providing an affordable, high quality education to a highly diverse student population provides an opportunity to contribute to building a diverse healthcare workforce through the health-related educational programs it offers. Building a culturally competent, diverse healthcare workforce can reduce healthcare bias; improve the effectiveness of healthcare delivery; improve communication between healthcare professionals and patients/clients, and population groups; reduce healthcare costs, and ultimately improve quality of life, productivity, and financial status.
- UCF’s metropolitan location and the Lake Nona Medical Center within Orlando’s Medical City provide an environment and opportunities to be rivaled. The variety of comprehensive inpatient and outpatient services will provide opportunities for integrating classroom learning with unique opportunities to implement health education programs and conduct research.

**C. Provide the date the pre-proposal was presented to the Council of Academic Vice Presidents Academic Program Coordination (CAVP ACG). Specify any concerns raised and provide a narrative explaining how each concern has been or will be addressed.**

- **Pre-proposal review date:** April 19, 2023
- **Concerns:** None raised

**D. In the table below provide an overview of the institutional planning and approval process leading up to the submission of this proposal to the Board office. Include a chronology of all activities, providing the names and positions of university personnel and external individuals who participated.**

- **If the proposed program is at the bachelor's level, provide the date the program was entered into the APPRiSe system, and, if applicable, provide a narrative responding to any comments received through APPRiSe.**
- **If the proposed program is a doctoral-level program, provide the date(s) of the external consultant's review in the planning table. Include the external consultant's report and the institution's**



## **responses to the report as Appendix B.**

The planning process involved UCF administrators (i.e., Vice Provost for Academic Affairs, Associate Dean – College of Graduate Studies), CHPS administrators (i.e., CHPS Dean, Senior Associate Dean, Assistant Dean for Undergraduate Affairs, Graduate Affairs Director, Unit Leaders), UCF Library Staff, UCF OIE staff, a previous unit leader from the School of Global Health Management and Informatics, Department of Health Sciences faculty and students (the latter by survey and focus groups), and the Orlando VAHCS (i.e., Dietetic Internship Director, other Orlando VAHSC clinical/administrative staff).

Prior to 2018, there was an effort to establish a graduate degree program in Health Sciences under the former College of Health and Public Affairs (COPHA), the details of which are unclear. Discussion of development of a master's degree program in health sciences was re-initiated with the formation of the CHPS and the formation of the Department of Health Sciences in 2018. A CAVP proposal for a master's degree in health sciences was submitted in early 2019 by the interim chair of the Department of Health Sciences. Tenure-track faculty and the current chair who were onboarded in Fall 2019 were hired under the welcomed impression that a graduate degree in health sciences would be developed. The pre-proposal did not move forward to the CAVP.

Discussions with various individuals across the university were initiated in Fall 2019 by the newly hired department chair. Through various conversations and record checking, it appeared that a master's degree under CIP 51.0000 (i.e., Health services/allied health/health sciences, general) already existed but was being used for the Master of Health Administration (MHA) degree in the College of Community Innovation and Education (CCIE). Given the definition of the 51.0000 CIP code (i.e., "a general, introductory, undifferentiated, or joint program in health services occupations that prepares individuals for either entry into specialized training programs or for a variety of concentrations in the allied health area. Includes instruction in the basic sciences, research and clinical procedures, and aspects of the subject matter related to various health occupations."), there was discussion about the possibility of changing the CIP code for the MHA degree to 51.0701 (i.e., defined as a program that prepares individuals to develop, plan, and manage health care operations and services within health care facilities and across health care systems. Includes instruction in planning, business management, financial management, public relations, human resources management, health care systems operation and management, health care resource allocation and policy making, health law and regulations, and applications to specific types of health care services.) This idea did not take root with the MHA degree program leadership at that time resulting in our effort to lay the groundwork for a master's degree program in Health Sciences under CIP 51.2207 (i.e., defined as a program that focuses on the application of educational and communications principles and methods to the promotion of preventive health measures and the education of targeted populations on health issues, and prepares individuals to function as public health educators and health promotion specialists. Includes instruction in human development, health issues across the life span, population-specific health issues, principles and methods of public health education, administration of health education campaigns and programs, evaluation methods, public communications, and



applications to specific public health subjects and issues." ). This CIP code description is well-aligned with the expertise of our faculty and the proposed curriculum.

Discussions continued, but the challenges of COVID-19 slowed our progress in 2020 and 2021. During the summer of 2021, the Orlando VAHCS Nutrition and Food Services clinical nutrition manager informed us of their intention to pursue a dietetic internship program and their interest in having their future interns complete the master’s degree we were planning. (Note: The clinical nutrition manager was a former adjunct faculty member in the Department of Health Sciences, so she was aware of our plans.)

While discussions and meetings with various constituents continued, the nuts-and-bolts planning occurred during the summer of 2022. The unit leader held planning meetings with a faculty workgroup (i.e., 9-month faculty with summer appointments who indicated an interest in participating). During this time, contact was made with the UCF Library to request their support in addressing the library resources available for a program of our type. During the Fall 2022 semester, a meeting with the UCF Vice Provost for Academic Affairs, Associate Dean – College of Graduate Studies, CHPS Senior Associate Dean, CHPS Graduate Affairs Director, and Department of Health Sciences chair was scheduled to discuss our plans and gauge their support.

During the Spring 2023 semester, an online survey was conducted with students enrolled in a required Health Sciences senior level course. Three focus group sessions consisting of students working with faculty on various projects were conducted during this time as well. Meetings with various constituents continued, and the pre-proposal for the Master of Science in Health Sciences was finalized and submitted for review.

The pre-proposal was approved by the CAVP in April 2023. As detailed in the table below, meetings with various stakeholders continued and a workshop was held at which the health sciences faculty and chair honed the proposed program’s curriculum and syllabi and checked alignment with the competencies outlined for the CHES and NBHWC certifications. The UCF Vice Provost for Academic Affairs, Associate Dean – College of Graduate Studies, CHPS Senior Associate Dean, CHPS Graduate Affairs Director, and health sciences chair met again in June 2023 to discuss the requirements for the full proposal. Regular meetings with the Orlando VAHCS Dietetic Internship Program Director have occurred throughout the duration of planning and developing this proposal.

| <b>Planning Process Date</b> | <b>Participants</b>  | <b>Planning Activity Description</b>  |
|------------------------------|--|---|
| 08-12-19<br>08-26-19         | <ul style="list-style-type: none"> <li>▪ Suha Saleh – CHPS Assistant Dean Undergraduate Affairs (Former Interim Chair HS)</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul> | Discussion of CAVP pre-proposal submitted by Dr. Saleh prior to my arrival at UCF   |
| <b>Planning Process Date</b> | <b>Participants</b>  | <b>Planning Activity Description</b>  |
| 09-04-19                     | <ul style="list-style-type: none"> <li>▪ Chris Ingersoll – CHPS Dean</li> </ul>  | <ul style="list-style-type: none"> <li>▪ Discussion of previous MS in HS</li> </ul> |

|  |  |   |
|--|--|---|
| (initial meeting; multiple discussions through 11/16/22 at biweekly one-on-one meetings) | <ul style="list-style-type: none"> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | <p>proposal and ongoing pursuit of degree</p> <ul style="list-style-type: none"> <li>▪ Ongoing updates</li> </ul> |
| 10-01-19   | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Graduate Course Revisions (pre-existing inventory)  |
| 10-10-19   | <ul style="list-style-type: none"> <li>▪ Paige Borden – Chief Analytics Officer</li> <li>▪ Tim Letzring – Senior Associate Provost Academic Affairs</li> <li>▪ Winston Schoenfeld - Interim Vice President for Research</li> </ul> | Initial discussion regarding MS in Health Sciences  |
| 10-01-19   | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Graduate Course Revisions (pre-existing inventory)  |
| 10-10-19   | <ul style="list-style-type: none"> <li>▪ Paige Borden – Chief Analytics Officer</li> <li>▪ Tim Letzring – Senior Associate Provost Academic Affairs</li> <li>▪ Winston Schoenfeld - Interim Vice President for Research</li> </ul> | Initial discussion regarding MS in Health Sciences  |
| 01-21-20   | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Follow up discussion regarding MS in Health Sciences  |
| 02-14-20   | <ul style="list-style-type: none"> <li>▪ Reid Oetjen – Chair HMI (former)</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Discussion about MS degree CIP code 51.0000   |
| 03-20-20   | <ul style="list-style-type: none"> <li>▪ Paige Borden – Chief Analytics Officer</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Discussion on development of MS in Health Sciences (HS) and issues with CCIE using 51.000 CIP code                |

| <b>Planning Process Date</b>   | <b>Participants</b>   | <b>Planning Activity Description</b>  |
|--|---|---|
| Throughout period of remote work due to COVID (04-01-20 to 09-10-21) | <ul style="list-style-type: none"> <li>▪ Routine one-on-one meetings with HS faculty</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Faculty expressions of interest in development of MS degree; informal discussions and questions from faculty    |
| 09-09-2020   | <ul style="list-style-type: none"> <li>▪ Dr. David Fukuda - Associate Professor &amp; Division Chair – SKRS</li> <li>▪ Gail Kauwell – HS Professor &amp; Chair</li> </ul>   | Discussion regarding Kinesiology MS degree requirements and courses   |
| 11-23-2020   | <ul style="list-style-type: none"> <li>▪ Jeffrey Stout – Professor &amp; Director School Kinesiology and Rehabilitation Sciences (SKRS)</li> <li>▪ Gail Kauwell – HS Professor &amp; Chair</li> </ul>   | Discussion regarding Kinesiology MS degree requirements and courses   |
| 2-18-21  | <ul style="list-style-type: none"> <li>▪ Jeffrey Stout – Professor &amp; Director School Kinesiology and Rehabilitation Sciences (SKRS)</li> <li>▪ Gail Kauwell – HS Professor &amp; Chair</li> </ul>   | Discussion regarding Kinesiology MS degree requirements and courses; options for Health Sciences degree/track   |
| 04-22-21   | <ul style="list-style-type: none"> <li>▪ Jeffrey Stout – Professor &amp; Director School Kinesiology and Rehabilitation Sciences (SKRS)</li> <li>▪ David Fukuda – Associate Professor &amp; Division Chair – SKRS</li> <li>▪ Gail Kauwell – HS Professor &amp; Chair</li> </ul> | Discussion regarding Kinesiology MS degree requirements and courses; options for Health Sciences degree/track   |
| 07-12-21   | <ul style="list-style-type: none"> <li>▪ Emily Leonard, MS, RDN – OVAHCS Inpatient Clinical Nutrition Manager</li> <li>▪ Gail Kauwell – HS Professor &amp; Chair</li> </ul>   | Discussion regarding Orlando VAHCS dietetic internship and UCF MS in Health Sciences collaboration              |
| 08-20-21   | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>  | Set goal to develop HS MS track or MS degree  |
| October 2021   | <ul style="list-style-type: none"> <li>▪ Emily Leonard, MS, RDN – Inpatient Clinical Nutrition Manager</li> <li>▪ Gail Kauwell – HS Professor &amp; Chair</li> </ul>  | Follow up on discussion regarding Orlando VAHCS dietetic internship and UCF MS in Health Sciences collaboration |

| <b>Planning Process Date</b> | <b>Participants</b>   | <b>Planning Activity Description</b>   |
|------------------------------|---|--|
| 10-26-21                     | <ul style="list-style-type: none"> <li>▪ Jeffrey Stout – Professor &amp; Director School Kinesiology and Rehabilitation Sciences (SKRS)</li> <li>▪ David Fukuda – Associate Professor &amp; Division Chair – SKRS</li> <li>▪ Gail Kauwell – HS Professor &amp; Chair</li> </ul>   | Continued discussion about MS/PhD track under Kinesiology  |
| 11-19-21                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Gail Kauwell – HS Professor &amp; Chair</li> </ul>   | Discussion regarding graduate program requirements and processes   |
| 12-02-21                     | <ul style="list-style-type: none"> <li>▪ UCF Graduate Council</li> </ul>  | Presentation of course revisions for graduate courses in HS inventory  |
| 12-10-21                     | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>  | Discussed graduate program/courses and HS courses already in HS inventory  |
| 01-21-22                     | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>  | Update on graduate program/courses   |
| 3-18-22 and 3-24-22          | <ul style="list-style-type: none"> <li>▪ Orlando VAHCS Internship Director Search Committee Members</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Interview candidates for Orlando VAHCS dietetic internship program director  |
| 04-22-22                     | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>  | CHPS Strategic Plan and relationship to Health Sciences MS; volunteers to serve on workgroup   |
| 05-20-22                     | <p>Department of Health Sciences MS Degree Work Group</p> <ul style="list-style-type: none"> <li>▪ Keith Brazendale – Assistant Professor</li> <li>▪ Michael Rovito – Associate Professor</li> <li>▪ Jeanette Garcia – Associate Prof</li> <li>▪ Steven Burroughs – Instructor</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul> | Developed plans for the graduate program – title, focus, audience, curriculum, credit hours, outcomes, etc. Discussed pre-proposal content and reviewed sections of pre-proposal drafts at subsequent meetings |
| 06-10-22                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>  | See 05-20-22 description; reported updates from external meetings/discussions  |

| <b>Planning Process Date</b> | <b>Participants</b>  | <b>Planning Activity Description</b>   |
|------------------------------|--|--|
| 06-23-22                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | HS MS program discussion   |
| 06-24-22                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>   | See 05-20-22 description; reported updates from external meetings/discussions        |
| 07-15-22                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>   | See 05-20-22 description; reported updates from external meetings/discussions        |
| 07-29-22                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>   | See 05-20-22 description; reported updates from external meetings/discussions        |
| 08-12-22                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>   | See 05-20-22 description; reported updates from external meetings/discussions        |
| 08-22-22                     | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>   | HS MS track/degree – update from workgroup   |
| 09-08-22                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Joel Cramer – CHPS Senior Associate Dean</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Review new graduate program proposal   |
| 09-09-22                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>   | See 05-20-22 description; reported updates from external meetings/discussions        |
| 09-16-22                     | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>   | HS MS track/degree – workgroup update and discussion                                 |
| 09-20-22                     | <ul style="list-style-type: none"> <li>▪ Emily Leonard, MS, RDN – OVAHCS Inpatient Clinical Nutrition Manager</li> <li>▪ Gigi Diaz, MS, RDN – OVAHCS Dietetic Internship Program Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul> | Update on MS degree status and collaboration with OVAHCS dietetic internship program |

| <b>Planning Process Date</b> | <b>Participants</b>   | <b>Planning Activity Description</b>   |
|------------------------------|---|--|
| 09-22-22                     | <ul style="list-style-type: none"> <li>▪ Tim Letzring – Senior Associate Provost Academic Affairs</li> <li>▪ John Weishampel – Professor &amp; Associate Dean College of Graduate Studies</li> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Ranetta Guinn - CHPS Grad Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul> | Discussion of proposed MS track vs degree  |
| 10-03-22                     | <ul style="list-style-type: none"> <li>▪ Emily Leonard, MS, RDN – OVAHCS Inpatient Clinical Nutrition Manager</li> <li>▪ Giselle (Gigi) Diaz, MS, RDN – OVAHCS Dietetic Internship Program Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Update on MS degree status and collaboration with Orlando VAHCS dietetic internship program  |
| 10-06-22                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Grad Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Curriculum Review  |
| 10-14-22                     | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>  | HS MS track/degree – workgroup update and discussion; CV update assignment for all faculty   |
| 11-04-22                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>  | See 05-20-22 description; reported updates from external meetings/discussions; syllabus development assignments  |
| 11-15-22                     | <ul style="list-style-type: none"> <li>▪ Lisa Haggard, MS, RDN, LDN – OVAHCS Acting Chief</li> <li>▪ Gigi Diaz, MS, RDN – OVAHCS Dietetic Internship Program Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Update on MS degree status and collaboration with Orlando VAHCS dietetic internship program<br>Reviewed Orlando VAHCS plans for submitting accreditation eligibility documents |
| 11-18-22                     | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>  | HS MS track/degree – update from workgroup; syllabi development assignments  |
| 11-18-22                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>  | See 05-20-22 description; reported updates from external meetings/discussions; syllabus development assignments  |

| <b>Planning Process Date</b> | <b>Participants</b>   | <b>Planning Activity Description</b>  |
|------------------------------|---|---|
| 12-09-22                     | <ul style="list-style-type: none"> <li>▪ All HS Faculty</li> </ul>  | HS MS track/degree – update from workgroup  |
| 12-12-22                     | <ul style="list-style-type: none"> <li>▪ Alyssa McDuffie, MS, RDN, LDN – Specialty Outpatient Clinical Nutrition Manager</li> <li>▪ Gigi Diaz, MS, RDN – OVAHCS Dietetic Internship Program Director</li> <li>▪ Gail Kauwell – Health Sciences Chair</li> </ul> | Update on MS degree status and collaboration with Orlando VAHCS dietetic internship program<br>Discussed UCF MS pre-proposal progress; reviewed preliminary draft of MS in Health Sciences curriculum                             |
| January 2023                 | <ul style="list-style-type: none"> <li>▪ Students enrolled in a required, senior level Health Sciences course</li> <li>▪ Students working in small groups with Health Sciences faculty</li> </ul>   | Online student survey and face-to-face focus groups conducted with Health Sciences students   |
| 01-11-23                     | <ul style="list-style-type: none"> <li>▪ Chris Ingersoll – CHPS Dean</li> <li>▪ Gail Kauwell – Health Sciences Chair</li> </ul>   | Status update   |
| 01-13-23                     | <ul style="list-style-type: none"> <li>▪ Department of Health Sciences MS Degree Work Group</li> </ul>  | Detailed review of admission standards and graduation requirements; anticipated benefit of the proposed program to the university, local community, and the state; and student learning outcomes                                  |
| 01-19-23                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Review and discuss MS HS pre-proposal   |
| 01-20-23                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Continued review and discussion of MS HS pre-proposal   |
| 01-25-23                     | <ul style="list-style-type: none"> <li>▪ Alyssa McDuffie, MS, RDN, LDN – Specialty Outpatient Clinical Nutrition Manager</li> <li>▪ Gigi Diaz, MS, RDN – OVAHCS Dietetic Internship Program Director</li> <li>▪ Gail Kauwell – Health Sciences Chair</li> </ul> | Updates on status of MS HS pre-proposal and Orlando VAHCS status on dietetic internship proposal<br><br>Discussed competencies that overlap with dietetic internship competencies<br><br>Discussed program admission requirements |

| <b>Planning Process Date</b> | <b>Participants</b>  | <b>Planning Activity Description</b>  |
|------------------------------|--|---|
| 02-01-23                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn – CHPS Graduate Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Updates on progress with pre-proposal   |
| 02-28-23                     | <ul style="list-style-type: none"> <li>▪ Gigi Diaz, MS, RDN – OVAHCS Dietetic Internship Program Director</li> <li>▪ Gail Kauwell – Health Sciences Chair</li> </ul>   | Review of proposed curriculum for MS HS<br>Status update on dietetic internship proposal  |
| 03-16-23                     | <ul style="list-style-type: none"> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Gail Kauwell – Health Sciences Chair</li> </ul>  | Discuss status of pre-proposal  |
| 04-07-2023                   | <ul style="list-style-type: none"> <li>▪ Tim Letzring – Senior Associate Provost Academic Affairs</li> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Submission of pre-proposal to Academic Coordinating Group   |
| 04-19-23                     | <ul style="list-style-type: none"> <li>▪ ACG Committee</li> </ul>  | Pre-proposal approved by ACG committee  |
| 04-21-23                     | <ul style="list-style-type: none"> <li>▪ Keith Brazendale – Assistant Professor</li> <li>▪ Jeanette Garcia – Associate Professor</li> <li>▪ Steven Burroughs – Instructor</li> <li>▪ Eunkyung Lee – Assistant Professor</li> <li>▪ Joy Scheidell – Assistant Professor</li> <li>▪ Shante Jeune – Assistant Professor</li> <li>▪ A’Naja Newsome - Lecturer</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul> | MS HS Curriculum and Course Syllabi Workshop  |
| 04-26-23                     | <ul style="list-style-type: none"> <li>▪ Lisa Haggard, MS, RDN, LDN – OVAHCS Acting Chief</li> <li>▪ Gigi Diaz, MS, RDN – OVAHCS Dietetic Internship Program Director</li> <li>▪ Gail Kauwell – Health Sciences Chair</li> </ul>   | MS in Health Sciences pre-proposal approved<br><br>CHES and NBHWC certifications<br><br>Program update; timeline for admitting students<br><br>Orlando VAHCS self study and facility renovation plans to accommodate dietetic internships |



| <b>Planning Process Date</b> | <b>Participants</b>   | <b>Planning Activity Description</b>  |
|------------------------------|---|---|
| 06-13-23                     | <ul style="list-style-type: none"> <li>▪ Tim Letzring – Senior Associate Provost Academic Affairs</li> <li>▪ John Weishampel – Professor &amp; Associate Dean College of Graduate Studies</li> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Ranetta Guinn - CHPS Grad Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul> | Review of proposal document and guidance on preparing the proposal  |
| 6-20-23                      | <ul style="list-style-type: none"> <li>▪ Amy Mobley – Associate Professor and Graduate Program Coordinator – Department of Health Education and Behavior – University of Florida</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Discussed proposed degree to be offered by UCF and their willingness to support our proposal                                    |
| 06-23-23                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn - CHPS Grad Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Review curriculum and proposed SCNS; discuss and review sections of full proposal   |
| 06-28-23                     | <ul style="list-style-type: none"> <li>▪ Christopher Ingersoll – CHPS Dean</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Discussed potential opportunities extending from our proposed MS program partnership with the Orlando VAHSC dietetic internship |
| 06-29-23                     | <ul style="list-style-type: none"> <li>▪ Pamela Fletcher – UCF EEO and Search Compliance Manager</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Email exchange requesting review of section III F of proposal   |
| 06-30-23                     | <ul style="list-style-type: none"> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Discuss and review sections of the proposal   |
| 07-01-23                     | <ul style="list-style-type: none"> <li>▪ Pamela Fletcher – UCF EEO and Search Compliance Manager</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Feedback from Pamela on EEO section of the proposal   |
| 07-03-23                     | <ul style="list-style-type: none"> <li>▪ Pamela Fletcher – UCF EEO and Search Compliance Manager</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Received acknowledgement that EEO section is ready for signature  |

| <b>Planning Process Date</b> | <b>Participants</b>   | <b>Planning Activity Description</b>  |
|------------------------------|---|---|
| 07-14-23                     | <ul style="list-style-type: none"> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Discuss and review sections of the proposal   |
| 07-19-23 through 08-03-23    | <ul style="list-style-type: none"> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Solicited internal and external letters of support                                    |
| 07-21-23                     | <ul style="list-style-type: none"> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Discuss and review sections of the proposal   |
| 07-21-23                     | <ul style="list-style-type: none"> <li>▪ Eric Schrimshaw – UCF Population Health – Professor &amp; Chair</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Overview of proposal and discussion regarding potential for future collaboration      |
| 08-10-23                     | <ul style="list-style-type: none"> <li>▪ Ranetta Guinn - CHPS Grad Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Final review of curriculum  |
| 08-10-23                     | <ul style="list-style-type: none"> <li>▪ John Weishampel – Professor &amp; Associate Dean College of Graduate Studies</li> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Discussion and review of various sections of the proposal                             |
| 08-10-23                     | <ul style="list-style-type: none"> <li>▪ David Fukuda – Division Chair SKRS and Professor</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Discuss SKRS courses that can be used as an elective for students in proposed program |
| 08-15-23                     | <ul style="list-style-type: none"> <li>▪ John Weishampel – Professor &amp; Associate Dean College of Graduate Studies</li> <li>▪ Jennifer Parham – Sr. Assistant Dean College of Graduate Studies</li> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Ranetta Guinn - CHPS Grad Affairs Director</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul> | Discussion of tuition waivers, stipends, and occupations data                         |

| <b>Planning Process Date</b> | <b>Participants</b>   | <b>Planning Activity Description</b>  |
|------------------------------|---|---|
| 08-15-23                     | <ul style="list-style-type: none"> <li>▪ Kendall Cortelyou – Interim Director School of Global Health Management and Health Care Informatics</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul> | Provided information about our proposal and requested their support   |
| 08-16-23                     | <ul style="list-style-type: none"> <li>▪ Joel Cramer – Senior Associate Dean</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>   | Wrap up meeting prior to distribution of proposal   |
| 08-28-23                     | <ul style="list-style-type: none"> <li>▪ CHPS Graduate Curriculum Committee</li> <li>▪ Gail Kauwell – Health Sciences Professor &amp; Chair</li> </ul>  | Presentation of proposed program and course syllabi. Unanimously approved both.                             |
| 09-13-23<br>09-27-23         | <ul style="list-style-type: none"> <li>▪ UCF Graduate Council Curriculum Committee</li> </ul>   | Presentation of proposed program and course syllabi. Unanimously approved.                                  |
| 09-15-23                     | <ul style="list-style-type: none"> <li>▪ UCF Graduate Program Review and Awards Committee</li> </ul>  | Presentation of proposed program. Approved with 7/8 BOG criteria “met with strength” and 1 criterion “met.” |

**E. In the table below, provide a timetable of key events necessary for implementing the proposed program following approval of the program by the Board office or the Board of Governors through to the addition of the program to the State University System Academic Degree Program Inventory.**

**Events Leading to Implementation**

| <b>Date</b>        | <b>Implementation Activity</b>  |
|--------------------|---|
| <b>Summer 2023</b> | Final review and approval of curriculum/course syllabi by Health Sciences faculty with input from Orlando VAHCS |
| <b>Summer 2023</b> | Enter proposal, courses with syllabi, and catalog copy into Quali in preparation for review                     |
| <b>Fall 2023</b>   | CHPS Graduate Council review and approval of curriculum and syllabi   |
|                    | UCF Graduate Council Curriculum Committee Review  |
|                    | UCF Graduate Council Program Review Committee - Review  |
|                    | Ongoing Collaboration and Communication with Orlando VAHCS  |

| <b>Following Approval of Full Proposal</b>               |  |
|--|--|
| <b>Spring 2024 or sooner, pending status of proposal</b> | Appoint Graduate Program Director  |
|  | Develop and distribute marketing materials, including website development              |
|  | Develop memorandum of understanding with the Orlando VAHCS dietetic internship program |

|                    |   |
|--------------------|---|
|                    | Develop Graduate Student Handbook and policies and procedures   |
|                    | Schedule Fall 2024 and Spring 2025 course offerings and faculty teaching assignments  |
|                    | Fully develop content for all courses to align with approved syllabi  |
|                    | Review applications and make selections (coordinated with Orlando VAHCS for those potentially entering dietetic internship program)             |
|                    | Initiate process for becoming a National Board of Health and Wellness approved program provider   |
| <b>Summer 2024</b> | Continue to review applications and make selections (coordinated with Orlando VAHCS for those potentially entering dietetic internship program) |
|                    | Finalize preparations; initiate development of advisory council   |
| <b>Fall 2024</b>   | Begin first semester of MS in Health Sciences degree program  |
|                    | Evaluate and refine materials and operations - ongoing  |
|                    | Establish memorandum of understanding agreements with practicum sites   |

**Institutional and State-Level Accountability**  
**III. Need and Demand**

**A. Describe the workforce need for the proposed program. The response should, at a minimum, include the following:**

- **current state workforce data as provided by Florida's Department of Economic Opportunity**
- **current national workforce data as provided by the U.S. Department of Labor's Bureau of Labor Statistics**
- **requests for the proposed program from agencies or industries in the university's service area**
- **any specific needs for research and service that the program would fulfill**

**Workforce Needs and Data**

Developing the health and wellness industry workforce is a top priority nationwide as the health of a population directly impacts worker productivity and economic development. UCF’s strategic plan notes that healthcare and life sciences are two sectors that will fuel wage growth and sustain economic development, and the **US Bureau of Labor Statistics predicts an 8% increase nationwide in employment opportunities for health education/health promotion specialists (SOC 21-1091) for 2021-2031** ([Bureau of Labor Statistics](#); accessed May 25, 2023). According to the Bureau of Labor Statistics, the demand for these workers is expected to continue to increase post-COVID 19 because of the roles they play in promoting healthy behaviors that improve health outcomes and reduce healthcare costs ([Bureau of Labor Statistics](#); accessed May 25, 2023) accessed May 25, 2023). Using data obtained from Lightcast™ for SOC 21-1091 (i.e., health education specialists), there were 62,809 unique job postings nationally for this occupation between April 2022 and June 2023 with a median advertised salary of \$60,100. A master’s degree was listed as a requirement for 24% of these postings. “Health educator/coach” was the top posted occupation, with 51,866 total and 18,278 unique postings. (Lightcast™ data run by Dr. Jennifer Parham on August 15, 2023. Lightcast™. Lightcast™ provides labor market analytics to

businesses, communities, and educational institutions. Note that some postings for health educators/coaches also require healthcare professional credentials such as a RN, RDN, etc. Nevertheless, these data suggest strong demand.)

Considering that Florida is the third most populous state and is experiencing particularly rapid growth in metropolitan Orlando and its outlying areas, our program will help address prevailing workforce needs in the healthcare sector locally and beyond. Graduates will be prepared to serve as health education/health promotion specialists in inpatient/outpatient healthcare facilities; federal, state, and local health-related agencies; non-governmental health organizations; schools and universities; and the private sector, which will help address the **2022-2030 projected workforce and economic development needs in Central Florida (11.8%) and the State of Florida (10.7%)** ([EP Employment Projections - FloridaJobs.org](#); accessed May 25, 2023). A search advertising positions for health education specialists (SOC 21-1091) in Florida conducted on July 1, 2023, resulted in the following information. (See **Appendix J - Sample Job Postings in Florida.**)

**Total Health Education Specialist Positions (SOC 21-1091) Advertised in Florida**

| Source<br>(Accessed July 1, 2023) | Total # Positions Listed for Florida | Notes (See Appendix J - Sample Job Postings in Florida.)  |
|-----------------------------------|--------------------------------------|---|
| National Labor Exchange           | 189                                  | <ul style="list-style-type: none"> <li>▪ Some listings require the registered dietitian nutritionist (RDN) or nursing credential. Approximately 50% (n=95) of these postings do not require these credentials.</li> <li>▪ Sixteen percent (n=31) of the ads for health education specialists required the RDN credential, which provides evidence that completion of the proposed master’s degree and the Orlando VAHCS dietetic internship is a logical pairing.</li> <li>▪ Sixty-five percent of the ads were posted between May 2 and July 1, 2023.</li> </ul> |
| Indeed                            | 30                                   | <ul style="list-style-type: none"> <li>▪ All ads posted between May 17 and June 30, 2023.</li> </ul>  |

**Requests from Agencies in Service Area** (See **Appendix M** for Letter of Support - Orlando VAHCS.)

In response to their request, our program will collaborate with the Orlando VAHCS to ensure that dietetic interns can complete a master’s degree to meet the credentialing exam eligibility requirements. In this way, our program will contribute to **providing RDNs to meet Central Florida’s predicted workforce demand of 15% (9.8% statewide; 7% nationally)** ([EP Employment Projections - FloridaJobs.org](#); [Dietitians and Nutritionists: Occupational Outlook Handbook: U.S. Bureau of Labor Statistics \(bls.gov\)](#)). (See **Appendix J – Sample Job Postings in Florida.**)

### Total Dietitian Nutritionist Positions Advertised in Florida

| Source<br>(Accessed July 1, 2023) | Total # Positions Listed for Florida | Notes (See Appendix J – Sample Job Postings in Florida.)  |
|-----------------------------------|--------------------------------------|---|
| National Labor Exchange           | 234                                  | <ul style="list-style-type: none"> <li>▪ Of the total positions listed, 64% (n=150) are positions that require the RDN credential. The remaining positions listed are support staff employed in food service operations.</li> <li>▪ Most positions requiring the RDN credential (n=109; 72.6%) were posted between May 1 and July 1, 2023.</li> </ul> |
| Indeed                            | 71                                   | <ul style="list-style-type: none"> <li>▪ All positions listed require the RDN credential.</li> <li>▪ All positions listed were posted between May 17 and June 30, 2023.</li> </ul>  |

### Need for Research

The top five leading causes of death nationally and in Florida in 2021, excepting COVID, were heart disease, cancer, accidents, stroke, and chronic lower respiratory diseases ([FastStats - Deaths and Mortality \(cdc.gov\)](#), [Leading Causes of Death Profile - Florida Health CHARTS - Florida Department of Health | CHARTS \(flhealthcharts.gov\)](#); accessed 06/23/23). Previous data from the CDC estimated that 20-40% of deaths from these causes are preventable ([Up to 40 percent of annual deaths from each of five leading US causes are preventable | CDC Online Newsroom | CDC](#), accessed 06/23/23). It has been increasingly recognized that health behaviors (i.e., smoking, sleep, diet, physical activity, substance use, etc.) impact the risk for the five leading causes of death and are shaped by the complex interaction of individual and social factors. This has led to the need for a greater understanding of lifestyle health - how sets of behaviors arising from belonging to social groups influence each other. Research using methodological advances and innovations in technology that allow for real time, frequent data collection of multiple data points, delivery of just in time messaging and rewards, and completion of well-designed systematic reviews/meta-analyses are needed to provide more robust data for the development of successful intervention strategies aimed at reducing preventable deaths from chronic illnesses and accidents. It is expected that peer-reviewed publications will increase, research results will inform subsequent grant proposals and increase funding, and opportunities to expand collaborative research exploring new approaches to complex health issues will ensue. This will enhance the research profile and productivity of the faculty; the reputation of the program, college, and UCF; and our ability to attract the most talented students and faculty thereby increasing competitiveness for external funding, consistent with UCF and the SUS Strategic Plans.

### Need for Service

The diversity of the local urban and rural populations, both of which include vulnerable and marginalized individuals and communities, provides a rich environment for offering community-based health education/health promotion programs, interventions, and services.

## National and Florida Workforce Demand

In the table below, provide occupational linkages or jobs graduates will be qualified to perform based on the training provided for the proposed program that does not currently appear in the most recent version of the Search by CIP or SOC Employment Projections Data Tool provided periodically by Board staff.

### Occupational Linkages for the Proposed Program

| SOC Code<br>(XX-XXXX) | Occupation Title   | Source / Reason for Inclusion   |
|-----------------------|--|---|
| 21-1091               | Health Education Specialist  | According to the <a href="#">Florida DEO</a> , SOC #21-1091 median wage was \$28.85 per hour or \$60,008 annually. The statewide growth projection for this profession is 10.7% and 11.8% for Central Florida. The proposed curriculum will prepare health education specialists to teach people about behaviors that promote wellness. They develop strategies to improve the well-being of individuals and communities.   |
| 29-1031               | Dietitian Nutritionist<br>(Terminal degree to practice beginning January 1, 2024, is a master's degree.) | According to the <a href="#">Florida DEO</a> , SOC #29-1031, the median wage is \$28.99 per hour or \$60,299 annually. The statewide growth projection is 9.8% and 15% for Central Florida. Students completing the Orlando VAHCS dietetic internship will be eligible for all positions requiring the RDN credential. These graduates also will have the education and training required for health education specialists. |

Complete the table below and summarize its contents in narrative form. Include data for all linked occupations, including those in the table above. Use data from the Search by CIP or SOC Employment Projections Data Tool provided periodically by Board staff.

**Labor Market Demand, CIP Code 51.2207**

| Occupations   | Percent Change in Job Openings     |                 | Annual Average Job Openings |                           | Total # of New Jobs       |                           | Education Level Needed for Entry   |
|---|------------------------------------|-----------------|-----------------------------|---------------------------|---------------------------|---------------------------|--|
|   | FL 2022-2030 <sup>1</sup>          | U.S. 2021-31    | FL 2022-2030 <sup>1</sup>   | U.S. 2021-31 <sup>5</sup> | FL 2022-2030 <sup>1</sup> | U.S. 2021-31 <sup>5</sup> |  |
| <a href="#">Health Education Specialists (21-1091)</a>      | 10.7%<br>(11.8% - Central Florida) | 8% <sup>2</sup> | 425                         | 7100                      | 3,399                     | 4,600                     | Bachelor's degree or higher (master's preferred); CHES certification may be required                           |
| <a href="#">Registered dietitian nutritionist (29-1031)</a> | 9.8%<br>(15% Central Florida)      | 7% <sup>4</sup> | 320                         | 5,600                     | 2,561                     | 5,000                     | Master's degree required for credential effective January 1, 2024, plus accredited dietetic internship program |

<sup>1</sup>Florida Department of Economic Opportunity - <http://www.floridajobs.org/labor-market-information/data-center/statistical-programs/employment-projections>

<sup>2</sup>[Health Education Specialists and Community Health Workers: Occupational Outlook Handbook: U.S. Bureau of Labor Statistics \(bls.gov\)](#)

<sup>3</sup>[Postsecondary Teachers : Occupational Outlook Handbook: U.S. Bureau of Labor Statistics \(bls.gov\)](#)

<sup>4</sup>[Dietitians and Nutritionists: Occupational Outlook Handbook: U.S. Bureau of Labor Statistics \(bls.gov\)](#)

<sup>5</sup>[Employment Projections \(bls.gov\)](#)

Date Retrieved: 06/13/2023

The percent change in job openings for the cross-linked occupations listed in the preceding Labor Market Demand table are strong for Florida, even stronger in Central Florida, and above average at the national level. In particular, the health education specialist occupation is labeled as having



a bright outlook meaning that it is expected to grow rapidly in the next several years ([Health Education Specialists](#) accessed June 13, 2023). The average annual job openings in Florida and the US suggest that graduates will have sufficient options for employment post-graduation and will thus support economic growth and development and fill positions that are important for meeting workforce demand and serving the needs of the public.

**B. Provide and describe data that support student demand for the proposed program. Include questions asked, results, and other communications with prospective students.**

**Student Interest**

The Master of Science in Health Sciences will provide undergraduate students from our diverse student population with a local option for completing an advanced degree related to human health, an area of study that is widely popular among students as evidenced by the more than 3,600 UCF undergraduate students majoring in Health Sciences. These students typically aspire to secure graduate education leading to health-related careers focused on promotion of healthier lifestyles and/or disease management. This program will offer non-thesis and thesis options providing the knowledge, skills, and training needed to address contemporary and future health challenges.

Health Sciences undergraduate majors (n=560), 95% of whom were either juniors or seniors, responded to an eight-question, multiple choice type, anonymous online survey for the purpose of gauging interest in our proposed program (see **Appendix K- Health Sciences Majors Interest Survey & Focus Group Questions**). The survey was created and administered through Qualtrics and was open for three weeks. The availability of the survey was announced to students enrolled in all sections of an upper division level course required for the major. Completing the survey was optional, and because it was anonymous, students could choose to participate or not without concern about their course grade.

More than 80% of the students expressed interest in the Master of Science in Health Sciences degree. Almost all respondents (96%) indicated that a MS in Health Sciences meeting eligibility requirements for certification as a health and wellness coach and/or a certified health education specialist (e.g., National Board for Health and Wellness Coaching; CHES, respectively) was highly desirable. Forty-seven percent (n=263) of respondents were agreeable to a Master of Science in Health Sciences program offered face-to-face, and only 7.7% indicated that the location/modality (i.e., main campus, in-person) would be a barrier to pursuing the degree. Reasons for enrolling in the proposed program included improving the competitiveness of their CV/resume, gaining experience with the translation of research, and gaining practical experience.

Focus groups conducted with UCF undergraduate students (n=24 total participants) confirmed high interest and enthusiasm for the proposed degree program. The students who participated in the focus group sessions (i.e., three sessions with 6 to 9 students per group) were volunteers mentored by health sciences faculty. The purpose of the focus group was explained, after which a faculty moderator asked a series of eight open-ended questions. The responses for each question were recorded and reviewed to identify patterns in responses and themes.

With 64% of our undergraduate majors from underrepresented minorities (i.e., 30% Hispanic, 16% black, 13% Asian, 5% multi-race; ~75% female), our unit is poised to recruit a diverse student

population at a time when there is a great need for diversity in all sectors of healthcare. The growing need for health promotion/health education specialists and the interest among our undergraduate students for a program of this type at UCF, provide evidence of a demand for this new program.

### **National Data Supporting Student Interest**

The top three broad fields of study receiving the most master's degree applications nationally, according to the Council of Graduate Schools annual report on Graduate Enrollment and Degrees 2011-2021, included health sciences, and health sciences was the second largest broad field for first-time graduate enrollment in Fall 2021 [Zhou, E. (2022). Graduate Enrollment and Degrees: 2011 to 2021. Washington, DC: Council of Graduate Schools.] (The broad field of health sciences **excludes** dentistry, allopathic/osteopathic medicine, medical sciences, podiatry, veterinary medicine, optometry, chiropractic, and pharmacy.) The three largest broad fields of graduate study accounted for 45.7% of first-time graduate enrollments. While these data represent broad fields of study, the sizeable enrollment (62,205) in health sciences demonstrates high demand for programs of study that focus on health, with health sciences included among the list of programs. This level of demand is consistent with previous survey cycles completed by the Council of Graduate Schools suggesting that the demand is sustainable.

### **C. Complete Appendix A – Table 1 (1-A for undergraduate and 1-B for graduate) with projected student headcount (HC) and full-time equivalents (FTE).**

- **Undergraduate FTE must be calculated based on 30 credit hours per year**
- **Graduate FTE must be calculated based on 24 credit hours per year**

**In the space below, explain the enrollment projections. If students within the institution are expected to change academic programs to enroll in the proposed program, describe the anticipated enrollment shifts and impact on enrollment in other programs.**

Enrollment projections are based on the popularity and size of our undergraduate program in Health Sciences; the number of students enrolled in the Orlando VAHCS dietetic internship program; (faculty size; and the strong workforce projections outlined by the Bureau of Labor Statistics and the Florida Department of Economic Opportunity.

Enrollment shifts impacting other programs are not anticipated as it is expected that students applying for our program will come primarily from our own undergraduates who otherwise would have sought employment, completed other “gap year” activities, or sought graduate degree programs at other institutions.

### **D. Describe the anticipated benefits of the proposed program to the university, local community, and the state. The benefits of the program should be described both quantitatively and qualitatively.**

Current health challenges in the US and globally negatively impact the well-being of individuals, families, and communities and strain the healthcare system and economy. A key focus area of the US Department of Health and Human Services Healthy People 2030 initiative is on well-being and the need to address emerging health issues (e.g., viral epidemics like COVID-19; opioid epidemic; etc.), as well as ongoing chronic disease issues such as heart

disease, diabetes, and obesity. Development of a graduate program in Health Sciences will help to address these challenges and needs by producing graduates who have the knowledge and skills to employ evidence-based interventions that promote healthy lifestyles and environments and ameliorate the impact of chronic diseases and disorders through adjustments in dietary habits, physical activity, sleep management, and other behavioral-based strategies (i.e., stress management, smoking cessation, etc.). As a major metropolitan research institution situated in one of the fastest growing metropolitan areas in the country, UCF has the potential to fulfill an unmet need for health education/promotion specialists in this region of the state and beyond, as well as contribute to the need for registered dietitian nutritionists.

This program will increase the number of graduate degrees awarded in health (CIP 51), an area of strategic emphasis and strategic growth as outlined in the SUS Strategic Plan. The proposed degree also supports SUS 2025 goals in each of three categories: teaching and learning; scholarship, research, and innovation; and community and business engagement.

Given the demand for graduates for health sciences-related occupations within the state (i.e., health education/promotion specialists, and registered dietitian nutritionists), our proposed program is well-positioned to support the development of this workforce that will contribute \$7M to the economic growth of the state by the end of Year 5 (i.e., projected minimum based on average annual salary of \$60.8K and 109 program graduates). It also has the potential to reduce the economic burden and personal impact of chronic diseases that constitute the leading causes of death in Florida.

The cost of healthcare continues to rise with US health expenditures reaching \$11,582 per person or \$3.8 trillion nationally (i.e., 17.7% Gross Domestic Product) in 2019 (Centers for Disease Control and Prevention ([FastStats - Health Expenditures \(cdc.gov\)](#)); accessed July 4, 2023). Chronic diseases and conditions like heart disease, stroke, diabetes, and cancer are among the leading causes of death and disability in the US and have a significant economic impact in terms of healthcare costs and lost worker productivity. Diseases like these and others are linked to risk behaviors like poor dietary habits, lack of physical activity, tobacco use, and excessive alcohol and/or drug use. Interventions to prevent/reduce chronic disease risk and to manage these diseases can result in economic benefits as well as improved quality and length of life. Graduates of this program will be skilled at developing and delivering health intervention/management programs for individuals and communities. The following is an example of the estimated economic impact of prevention and control of hypertension.

- A key risk factor in the development of heart disease and stroke is hypertension, a condition that is preventable and modifiable through physical activity, diet, and reduction in alcohol intake. Based on US dollars in 2014 and 2016, the CDC estimates that the annual medical costs for people with hypertension is approximately \$2500 higher than for those without this condition ([Health and Economic Benefits of High Blood Pressure Interventions | Power of Prevention \(cdc.gov\)](#); accessed July 4, 2023). Improving blood pressure control and reducing the number of people with hypertension through lifestyle changes like reducing sodium intake and being

physically active are estimated to reduce hypertension by 11 million cases a year with an estimated savings in health care costs of \$18 billion. Considering that 33.5% of adults in Florida were told by a health professional that they had high blood pressure ([America's Health Rankings analysis of CDC, Behavioral Risk Factor Surveillance System, United Health Foundation, AmericasHealthRankings.org](#); accessed July 4, 2023), strategies to prevent hypertension could result in sizable savings.

- Estimates of the impact of team-based community interventions involving health professionals like health education specialists, RDNs, pharmacists, community health workers, and others suggest that up to 115,400 deaths due to heart disease over 5 years could be prevented saving Medicare approximately \$900 million over 5 years ([Health and Economic Benefits of High Blood Pressure Interventions | Power of Prevention \(cdc.gov\)](#); accessed July 4, 2023). With 25% of the deaths in Florida in 2021 due to heart disease and stroke ([Leading Causes of Death Profile - Florida Health CHARTS - Florida Department of Health | CHARTS \(flhealthcharts.gov\)](#) accessed July 4, 2023), our graduates have the potential to make important contributions to reducing healthcare costs and morbidity.

Other projected benefits to the university, local community, and state include:

- contributing to achieving the goals outlined in the UCF, AHSC, and CHPS strategic plans/goal documents
- contributing to meeting the 2022-2030 projected increase in workforce demand for:
  - health education/health promotion specialists (i.e., Central Florida = 11.8%; statewide = 10.7%)
  - registered dietitian nutritionists (i.e., Central Florida = 15%; statewide = 9.8%)
- expanding UCF's community engagement and outreach by providing more hands-on community engagement opportunities for students and establishing an additional collaboration with the Orlando VAHCS
- providing programs to individuals and communities leading to improved health outcomes
- increasing the earning potential and job prospects of graduates
- developing a pathway for doctoral degree training and research in related fields
- increasing graduates' competitiveness for acceptance into health professional school programs based on their unique set of skills (i.e., research, preventive approach to patient care) that ultimately will help fill workforce gaps in professions such as medicine, physician assistant, physical/occupational therapy, dentistry, etc.
- increasing the potential for interdisciplinary collaboration among the Department of Health Sciences and the School of Kinesiology and Rehabilitation Sciences faculty, as well as other units in the Academic Health Sciences Center and across campus
- enhancing faculty research productivity (i.e., peer-reviewed publications; grants; etc.)
- forging a partnership with health department offices, hospitals and clinics, mobile health services, community health centers, and non-profit organizations that include health promotion/health education programs
- providing Orlando VAHCS dietetic interns with an opportunity to meet the credentialing requirement of a master's degree, which also will contribute to the healthcare workforce and the potential for improved health outcomes

**E. If other public or private institutions in Florida have similar programs at the four- or six-digit CIP Code or in other CIP Codes where 60 percent of the coursework is comparable, identify the institution(s) and geographic location(s). Summarize the outcome(s) of communication with appropriate personnel (e.g., department chairs, program coordinators, deans) at those institutions regarding the potential impact on their enrollment and opportunities for possible collaboration in the areas of instruction and research.**

**Note:** The proposed program will provide a master’s degree in health sciences to students enrolled in the Orlando VAHCS. This is not the same coursework or program of study as nutrition and dietetics programs offered under CIP code 51.31 (Dietetics and Clinical Nutrition Services). The latter typically focus on courses such as nutrition screening and assessment, medical nutrition therapy/clinical nutrition, nutrient metabolism, diet and nutrition analysis and planning, nutrition through the lifecycle, community nutrition, nutrition counseling, professional standards, food production and service, and food systems management. Interns enrolled in the Orlando VAHCS will have completed courses like these as part of their accredited undergraduate program in nutrition and dietetics. In the past, these students would have been eligible to take the national RDN credentialing exam after completion of an accredited dietetic internship program like the one at the Orlando VAHCS; however, the credentialing requirements have recently changed. Effective January 2024, dietetic interns must also complete a master’s degree. The accrediting body does not specify the area of study for the master’s degree; however, the Orlando VAHCS dietetic internship program recognizes the benefit of our proposed Master of Science in Health Sciences as one that will enhance the knowledge and skills of future RDNs who work in settings where expertise in health promotion and behavior change and translation of research into practice are critical.

**UCF Proposed CIP: 51.2207**

**SUS institutions offering master’s degree programs with a 4-digit CIP of 51.22 that include comparable coursework:**

**Geographic Region: North Central Florida**

- University of Florida (UF) Master of Science in Health (MSH) – Health Education and Behavior (CIP: 51.2208) asynchronous online and residential program options. Applicants for 2022-2023 academic year = 91; 84 accepted, 73 enrolled (includes online and residential students); 75-80% of students are online.

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**SUS institutions offering master’s degree programs with a 4-digit CIP of 51.22 that DO NOT include comparable coursework (i.e., <60% overlap):**

**Geographic Region: Northwest Florida**

- Florida A & M University (FAMU) - Master of Public Health (MPH) (CIP: 51.2201)
- University of West Florida (UWF) - Master of Public Health (MPH) (CIP: 51.2201)
- Florida State University (USF) – Master of Public Health (MPH) (CIP: 51.2201)

### **Geographic Region: Northeast Florida**

- University of North Florida (UNF) - Master of Public Health (MPH) (CIP: 51.2201)

### **Geographic Region: North Central Florida**

- University of Florida (UF) - Master of Public Health (MPH) (CIP: 51.2202)
- University of Florida (UF) - Master of Health Science in One Health – Environmental Health (MHS) (CIP: 51.2201)

### **Geographic Region: Central West Florida**

- University of South Florida (USF) - Master of Public Health (MPH) (CIP: 51.2201)
- University of South Florida (USF) - Master of Science Public Health (MSPH) (CIP: 51.2299)

### **Geographic Region: Southeast Florida**

- Florida International University (FIU) – Master of Public Health (MPH) (CIP: 51.2201)
- Florida Atlantic University (FAU) – Professional Science Master’s in Medical Physics (PSMMP) (CIP: 51.2205)

Like our proposed master’s degree, the degree program offered at UF is designed to meet the competencies needed to meet the CHES credentialing exam requirements. For this reason, there is some overlap in coursework (~50%) between the existing and proposed programs. The UF program is offered as a fully online asynchronous program or face-to face. According to a conversation with UF’s graduate program coordinator (June 20, 2023), most students enrolled in the UF program (~75-80%) are enrolled in the online program, and many of their students are non-traditional students from across the country. This contrasts with our program, which will be offered face-to-face and is expected to primarily attract graduates from our undergraduate program in Health Sciences in addition to students participating in the VAHCS dietetic internship program. As discussed with the graduate program coordinator for the UF program, it is doubtful that our proposed program will have an impact on their enrollment. While the differences in modalities between the programs make instructional collaboration less likely, there is the potential for collaboration on research projects between the institutions. (See **Appendix M** – Letters of Support - UF letter indicating no conflict of interest.)

Our program also will meet the eligibility requirements for becoming a certified health and wellness coach through the National Board of Health and Wellness Coaches, which makes it distinct from UF’s program and will be the only SUS program of its type offered at a Hispanic serving institution. The need for employee diversity in all areas of healthcare is immense.

The degree programs offered at UCF and FGCU have an entirely different focus from our proposed program in that they are designed to prepare graduates for roles in health care facilities where they will apply their knowledge and skills to address human resource needs; plan and manage facilities to ensure health care delivery processes that are safe, efficient, and effective; use health information data and technology; and other business/administrative responsibilities related to marketing, sales, and accounting.

Eight of the other programs with the 51.22XX CIP offer a Master of Public Health degree (MPH). These programs focus on managing public health care services and related administrative functions, health regulations and policy, public health law enforcement, and health economics and budgeting instead of health education. The remaining two degree programs provide education and training in very specific areas of public health – 1) environmental health, which deals with environmental sciences and toxicology and 2) the application of physics, nuclear science, and engineering physics. The curricula for these programs does not overlap with our proposed degree program.

**F. If the proposed program substantially duplicates a program at Florida Agricultural and Mechanical University (FAMU), a letter of support from FAMU must be provided. The letter must address whether the proposed program may adversely affect FAMU's ability to achieve or maintain student diversity in its existing program. The institution's Equal Opportunity Officer shall review this section of the proposal, sign, and date the additional signature page to indicate that all requirements of this section have been completed.**

The proposed degree does not substantially duplicate offerings at FAMU. FAMU offers a Master of Public Health (MPH; 51.2201 CIP). In contrast, this is not the focus of our proposed degree program (CIP code 51.2201), nor will our program lead to an MPH degree.

Our faculty value the diversity of our classrooms and routinely mentor students from underrepresented minorities for undergraduate directed research and honors theses. According to data accessed from UCF's IKM (June 29, 2023), 68.3% (n=86 in 2020-2021) and 64.6% (n=107 in 2021-2022) of Health Sciences majors mentored for directed research and/or honors theses were non-white. The percentages of females completing undergraduate directed research and/or honors theses during 2020-2021 and 2021-2022 were 69.8% (n=88) and 72.6% (n=127), respectively, and all Health Sciences majors completing research experiences during these two academic years, 27.8% (n=35) and 22.3% (n=39), respectively, were first generation college students. Mentoring and encouraging these students to pursue graduate studies will be part of our recruitment efforts, which will help to ensure diverse cohorts of students.

As noted in a previous section of this proposal, 64% of undergraduate students majoring in Health Sciences are from underrepresented minorities (i.e., 30% Hispanic, 16% Black, 13% Asian, 5% multi-race; ~75% female). It is anticipated that most applicants for our proposed program will come from students who majored in our undergraduate program and thus will reflect the race/ethnicity and other demographics of our undergraduate student population.

Our marketing and recruitment efforts will focus primarily on students completing our undergraduate major in Health Sciences, but we will naturally extend our recruitment efforts to SUS institutions that do not offer a degree program like ours and to prospects outside of the SUS system. The following strategies will be used to build a graduate student population that includes women and underrepresented minorities:

- Hosting onsite recruitment events that show our interest and support for a diverse student population and encouraging Health Sciences undergraduate majors currently

working on directed research projects and/or honors undergraduate theses to attend. As noted above, most of the students completing research projects in our department are females and are from underrepresented minorities.

- Reaching out to academic institutions in areas of the country where student populations are more diverse to advertise the program and invite students to attend a virtual open house hosted by underrepresented Health Sciences faculty, and students. (Note: Five health sciences faculty, 3 females and 2 males, who will teach and work with students in the Master of Science in Health Sciences program are from underrepresented minorities.)
- Offering a workshop focusing on developing a resume and personal statement and preparing the application for students interested in applying to the program.
- Ensuring that minority serving institutions such as historically black colleges and universities are included as part of our external recruitment activities (i.e., flyers, announcements, etc.).
- Designing advertisements and website materials in ways that reflect our interest and support in attracting a culturally diverse student population.
- Employing a holistic admissions review process. GRE scores will not be required, thus reducing barriers related to the cost of preparing for and taking the exam and other factors that may impact performance, rather than setting a specific GPA requirement other than the UCF minimum for admission to graduate school. Instead, applicants will be evaluated based on their overall likelihood for success.
- Appointing faculty who are committed to being respectful of and valuing equal opportunity in graduate education to our graduate admissions committee.

Up to six students per year will be part of the Orlando VAHCS dietetic internship program. Since UCF does not have an accredited undergraduate program in dietetics, these students will come from outside of UCF; however, it is the intention of the Orlando VAHCS and our department to recruit applicants representing a diverse population as there is great need for registered dietitian nutritionists from underrepresented minorities. Strategies for recruiting prospective students from underrepresented minorities will include:

- Reaching out to academic institutions that offer accredited undergraduate programs in nutrition and dietetics in areas of the country where student populations are more diverse to advertise the program and invite students to a virtual open house. The hosts will include dietitians from underrepresented minorities who work at the Orlando VAHCS, Health Sciences faculty, and students. (Note: The Orlando VAHCS program director and at least one of the other dietitians are from underrepresented minorities.)
- Creating an ambassador program whereby graduates from our initial cohorts who are from diverse backgrounds share information about their experience and serve as a resource to prospective and enrolled students.

Based on the 2021 [Integrated Postsecondary Education Data System \(IPEDS\)](#) master's degree completion data from all Title IV institutions for CIP code 51\*, 33.5% of graduates were from underrepresented minorities (i.e., 10.9% Hispanic, 12.2% Black or African, 7.9% Asian, and 2.5% multi-race). Eight of the institutions in the Big 12 Conference (i.e., the same conference as UCF) offer a master's degree program related to our proposed program. (Note: Two of



these programs are in Texas.) Only 21% of graduates from this subset of institutions were from underrepresented minority groups (i.e., 6.7% Hispanic, 6% Black or African, 5.8% Asian, 2.5% multi-race). Furthermore, based on the IPEDS completion data for the two public universities in Florida that offer graduate degree programs that have some overlap with our proposed program (i.e., UF and \*\*UWF), only 35% (i.e., 12.0% Hispanic, 9.3% Black or African, 7.7% Asian, and 6.0% multi-race) and 27.7% (i.e., 5.3% Hispanic, 8.9% Black or African, 8.1% Asian, and 1.4% multi-race), respectively, of graduates from all CIP code 51 majors at these institutions, were from underrepresented minorities compared to 46.1% (i.e., 20.4% Hispanic, 14.2% Black or African, 8.1% Asian, and 3.4% multi-race) of all majors at UCF under the same CIP code. Thus, at a time when there is a critical need for greater diversity in all areas of health, including health education and promotion, our program is well-positioned to contribute to addressing this need, especially considering our ability to attract students from our undergraduate program where 64% of our students are from underrepresented minorities.

\*Note: CIP code 51 is a broad code that includes majors that focus on some aspect of health, but not necessarily health education and promotion. The data source does not include more specific codes.

\*\*Note: the CIP code for UWF is 51.1504 – since it did not align with 51.22, it was not included in Section III.E.

#### IV. Curriculum

##### **A. Describe all admission standards and all graduation requirements for the program. Hyperlinks to institutional websites may be used to supplement the information provided in this subsection; however, these links may not serve as a standalone response. For graduation requirements, describe any additional requirements that do not appear in the program of study (e.g., milestones, academic engagement, publication requirements).**

**Admission Standards** (Some sections below taken verbatim from the [Policies section of the UCF Graduate Catalog](#) to ensure accuracy (accessed June 29, 2023).

Applicants will apply online ([Welcome to the University of Central Florida's Graduate Application! \(ucf.edu\)](#)). All requested materials must be submitted by the established deadline. The UCF minimum requirements apply to all students who seek admission to graduate programs at the University of Central Florida. The minimum requirements include:

- Earned bachelor’s degree or equivalent from U.S. institution of higher education accredited by one of the accrediting bodies listed in the [Policies section of the UCF Graduate Catalog](#) or its equivalent from a foreign institution recognized by UCF or its equivalent from a foreign institution
- Earned a 3.0 GPA (or equivalent) or better in all work attempted while registered as an undergraduate student working for a baccalaureate degree **OR** earned a 3.0 GPA (or equivalent) or better in all work attempted while registered as an upper division student working for a baccalaureate degree, **OR** earned a previous graduate degree or professional degree or equivalent from a U.S. institution of higher education accredited by an accrediting body listed in the [Policies section of the UCF Graduate Catalog](#) or its

equivalent from a foreign institution in a field related to the discipline of the program to which the applicant is applying.

- One official transcript (in a sealed envelope) from each college/university attended. (Note: Scanned copies of official transcripts are acceptable for the initial application. Applicants who are admitted to a graduate program must submit official transcripts in sealed envelopes prior to the beginning of the semester. Transcripts need to show degree(s) earned.)
- **Adequate preparation in health as indicated by completion of courses in basic and applied sciences, statistics, psychology, and a minimum of three health-related courses.**
- Resume or curriculum vitae that includes all post-high school education and employment, and if applicable, any ongoing international affiliations and research funding.
- Two letters of recommendation addressing interest, aptitude, readiness, and scholastic and professional potential of candidate for graduate study.
- International students, except those that have earned or will earn a masters or doctoral degree from an accredited U.S. institution recognized by UCF, must submit a course-by-course evaluation of their official transcripts from a credential evaluation service recommended by UCF. This course-by-course evaluation must be determined to be equivalent to earning a degree equivalent to a U.S. bachelor's degree.
- Statement describing goals.
- International students must demonstrate proficiency in the English language. International students, except those who are from countries where English is the only official language, those who have earned a degree from a regionally accredited U.S. college or university, or those who have earned a degree from a country where English is the only official language or from a university at which English is the only official language of instruction, are required to submit a score on the Test of English as a Foreign Language (TOEFL) or IELTS before they can be admitted to the university. A computer-based TOEFL score of 220 or 80 on the internet-based TOEFL (or equivalent score on the paper-based test) or 6.5 on the IELTS is required unless otherwise specified by the program.
- All applicants must indicate if they are claiming Florida residency. False, fraudulent, or incomplete statements on the application or residency affidavit submitted by or on behalf of a student may result in denial of admission or denial of further registration and/or invalidation of UCF credit.

The Department of Health Sciences Application Review Committee will review applications for the Master of Science in Health Sciences degree. This committee will consist of core faculty appointed to the committee, the Health Sciences Graduate Program Director, and the Chair of the Department of Health Sciences. Faculty members may choose to conduct interviews via face-to-face, telephone, Zoom, Microsoft Teams, etc. before making final decisions.

## Graduation Requirements

Graduation with a Master of Science degree in Health Sciences requires completion of a minimum of 30 credit hours of graduate courses for the non-thesis option **OR** completion of a minimum of 42 credit hours for the thesis option. (See section D below for specific courses comprising the degree.) Non-thesis students must demonstrate independent learning by developing and presenting a protocol for a systematic review using the \*[PROSPERO](#) structure and demonstrating successful completion of a practicum course (HSC6946 - Health Sciences Practicum). Thesis students must complete a minimum of 6 credit hours of thesis research and write and successfully defend their thesis research. All students must maintain a GPA of 3.0 or better in the program.

(\*Note: PROSPERO is an international database of prospectively registered systematic reviews where there is a health-related outcome in areas such as health and social care, public health, and education. It helps researchers comply with [PRISMA](#), an evidence-based minimum set of items for reporting systematic reviews and meta-analyses focused on evaluating effects of interventions.)

- B. Describe the specific expected student learning outcomes associated with the proposed program and include strategies for assessing the proposed program's learning outcomes. If the proposed program is a baccalaureate degree, include a hyperlink to the published Academic Learning Compact and the document itself as Appendix C.**

### *Expected Student Learning Outcomes (SLO) and Assessment Strategies*

**SLO 1:** Demonstrate the ability to develop and plan a research proposal related to promotion of human health, chronic disease risk reduction, health-related quality of life, or another approved health-related topic.

#### **Assessment Strategies**

- Evaluation of written research proposal using a rubric.
- Evaluation of oral presentation and defense of research proposal to be conducted by a panel of judges using a rubric.

**SLO 2:** Write a protocol for a systematic review using the PROSPERO structure and give an oral presentation describing the protocol; conduct a team-based systematic review, prepare a written abstract of the review, and deliver an oral presentation of the findings.

#### **Assessment Strategies**

- Evaluation of a written systematic review protocol based on established criteria for the report.
- Evaluation of a written abstract and oral presentation of the findings and their implications to be conducted by a panel of judges using a rubric.

**SLO 3:** Apply theories that serve as the foundation for planning, implementing, administering, and evaluating health education/health promotion programs.

### **Assessment Strategies**

- Exam requiring students to distinguish differences among health behavior theories and models based on the concepts, constructs, and major components of each theory/model.
- Evaluation of an essay describing and justifying the application of a specific behavioral/social health theory to a real-world setting using established criteria.

**SLO 4:** Design and evaluate a community-based health promotion/wellness program based on population needs and assessment.

### **Assessment Strategies**

- Evaluation of a written community-based health promotion/wellness program based on best practice criteria that demonstrates:
  - consideration of the community's social and cultural environment, growth and development factors, and existing resources and needs based on data from reputable sources
  - development of a logical scope and sequence
  - formulation of relevant, appropriate, and measurable program objectives
  - creation of an educational program consistent with program objectives
  - development of an appropriate assessment/monitoring plan.

**SLO 5:** Employ behavioral strategies to support positive lifestyle changes among healthy and chronically ill individuals and populations.

### **Assessment Strategies**

- Satisfactory completion of a case study that demonstrates the ability to use the results of a lifestyle-related health assessment to select appropriate behavioral approaches for improving overall lifestyle health and wellness.
- Evaluation of an individual or group health education/health promotion session using a rubric to assess application of principles and appropriate strategies including use of a client-centered approach, demonstration of active listening skills, and ability to develop rapport and empathy.

**SLO 6:** Demonstrate ethical conduct and considerations in planning, implementing, and evaluating research studies, health programs, and individualized health and wellness services.

### **Assessment Strategies**

- Identification of ethical dilemmas relevant to health promotion research studies and health promotion programs when presented with selected scenarios and description of ways to preclude and/or address the issues.
- Evidence of adherence to ethical standards in the research proposal and health promotion program plan developed by students.

**SLO 7:** Demonstrate advocacy for health and wellness-related programs, services, and/or legislation.

### Assessment Strategy

- Propose an advocacy plan for a health/wellness program/service/proposed legislation that addresses an existing health issue and its significance, identifies stakeholders and opposition/barriers, and potential interventions/approaches to advance the plan.

**C. If the proposed program is an AS-to-BS capstone, provide evidence that it adheres to the guidelines approved by the Articulation Coordinating Committee for such programs, as outlined in [State Board of Education Rule 6A-10.024](#). Additionally, list any prerequisites and identify the specific AS degrees that may transfer into the proposed program.**

**Not applicable to this program because it is not an AS-to-BS Capstone.**

**D. Describe the curricular framework for the proposed program, including the following information where applicable:**

- **total number of semester credit hours for the degree**
- **number of credit hours for each course**
- **required courses, restricted electives, and unrestricted electives**
- **a sequenced course of study for all majors, concentrations, tracks, or areas of emphasis**

**Total Number of Semester Credit Hours for the Degree:** The total number of semester credit hours for the proposed degree is **30 credit hours for non-thesis** students and **42 for thesis** students.

**Number of Credit Hours for Each Course:** 3 semester credit hours for each course as shown below in Table IV.A. and Table IV.B.

#### Required Courses

All courses shown in **Table IV.A.** (n= 10 courses, 3 credits each) are required for the non-thesis option. This set of courses ensures that the students will meet all the competencies needed to be eligible to take the NBHWC and the CHES exams post-graduation. The program is designed to be completed within three consecutive semesters (i.e., fall, spring, and summer) for non-thesis students. While part-time study can be accommodated, it is not anticipated and will not be encouraged.

The thesis option (n= 12 courses, 3 credits each plus 6 credits of thesis research) is designed to be completed in two academic years (i.e., five semesters – two fall and two spring semesters and one summer semester). Students in the thesis option will be required to take the same courses as the non-thesis students except for HSC6946 - Health Promotion Practicum, which is optional. Students can take this course during the summer semester of Year 2 if they want to complete the eligibility requirements for the NBHWC exam. The thesis option will meet the eligibility requirements for the CHES exam irrespective of taking HSC6946 - Health Promotion Practicum. Only thesis students will be required to take HSC6513 - Statistical Methods for Human Health and Behavioral Research, HSC6706 – Introduction to Clinical Research, a 3-credit elective, and HSC6971 – Thesis (see **Table IV.B.**).

There are no restricted or unrestricted electives for the non-thesis option. Thesis students will take a 3-credit elective from a list of courses available through the School of Kinesiology and Rehabilitation Sciences (see **Appendix M** for letter of support).

**Table IV.A. Master of Health Sciences Sequenced Course of Study – Non-thesis Option\***

| <b>Course Prefix &amp; Number</b>   | <b>Course Title</b>                                       | <b>Credits</b> |
|-------------------------------------|---|----------------|
| <b>Fall Semester (12 credits)</b>   |   |                |
| HSC6052 (Brazendale)                | Research Methods for Human Health and Behavioral Sciences | 3              |
| HSC6308 (Rovito)                    | Theoretical Foundations of Health Promotion and Education | 3              |
| HSC6248 (Jeune)                     | Community Program Planning and Implementation             | 3              |
| HSC6607 (Cavaliere)                 | Lifestyle Medicine  | 3              |
| <b>Spring Semester (12 credits)</b> |   |                |
| HSC6717 (Jeune)                     | Community Program Monitoring and Evaluation               | 3              |
| HSC6053 (E. Lee)                    | Systematic Reviews and Meta-Analyses in Health Sciences   | 3              |
| HSC6604 (Lopez Castillo)            | Behavioral and Sociocultural Aspects of Health Equity     | 3              |
| HSC6586 (Newsome)                   | Health and Wellness Coaching                              | 3              |
| <b>Summer Semester (6 credits)</b>  |   |                |
| HSC6667 (Y-H Lee)                   | Health Promotion Advocacy, Communication, and Campaigns   | 3              |
| HSC6946 (Newsome)                   | Health Promotion Practicum                                | 3              |

\* HSC6607 is currently in the Department of Health Sciences inventory. All new courses were reviewed and approved by the CHPS and UCF Graduate Curriculum Committees.

**Table IV.B. Master of Health Sciences Sequenced Course of Study - Thesis Option\***

| <b>Course Prefix &amp; Number</b>         | <b>Course Title</b>  | <b>Credits</b> |
|---|--|----------------|
| <b>Fall Semester Year 1 (9 credits)</b>   |  |                |
| HSC6052                                   | Research Methods for Human Health and Behavioral Sciences    | 3              |
| HSC6308                                   | Theoretical Foundations of Health Promotion and Education    | 3              |
| HSC6248                                   | Community Program Planning and Implementation                | 3              |
| <b>Spring Semester Year 1 (9 credits)</b> |  |                |
| HSC6513 (Scheidell)                       | Statistical Methods for Human Health and Behavioral Research | 3              |
| HSC6053                                   | Systematic Reviews and Meta-Analyses in Health Sciences      | 3              |
| HSC6617                                   | Community Program Monitoring and Evaluation                  | 3              |
| <b>Summer Semester Year 1 (6 credits)</b> |  |                |
| HSC6667                                   | Health Promotion Advocacy, Communication, and Campaigns      | 3              |
| XXX-XXXX (Kinesiology)                    | Elective   | 3              |
| <b>Fall Semester Year 2 (9 credits)</b>   |  |                |
| HSC6607                                   | Lifestyle Medicine   | 3              |
| HSC6706 (TBD)                             | Introduction to Clinical Research                            | 3              |
| HSC6971 (Mentor)                          | Thesis   | 3              |
| <b>Spring Semester Year 2 (9 credits)</b> |  |                |
| HSC6604                                   | Behavioral and Sociocultural Aspects of Health Equity        | 3              |
| HSC6586                                   | Health and Wellness Coaching                                 | 3              |
| HSC6971 (Mentor)                          | Thesis   | 3              |

\* HSC6607 and HSC67056 are currently approved graduate courses in the Department of Health Sciences inventory. All new courses were reviewed and approved by the CHPS and UCF Graduate Curriculum Committees. Thesis students have the option of taking HSC6946 - Health Promotion Practicum during the summer semester of Year 2 if they want to pursue the NBHWC certification.

**E. Provide a brief description for each course in the proposed curriculum.**

| <b>Course Number</b> | <b>Course Title</b>  | <b>Course Description</b>  |
|----------------------|--|--|
| HSC6052              | Research Methods for Human Health and Behavioral Sciences    | An in-depth examination of the qualitative and quantitative methods, theory, and concepts used to design and implement health-related human subjects research studies.                                   |
| HSC6053              | Systematic Reviews and Meta-Analyses in Health Sciences      | Study of a method of collating and synthesizing evidence from published studies on a clearly defined topic using critical methods to identify and assess evidence.                                       |
| HSC6513              | Statistical Methods for Human Health and Behavioral Research | Examination and application of foundational biostatistical descriptive, observational, and experimental methods to generate and interpret data from human health and behavioral health research studies. |
| HSC6308              | Theoretical Foundations of Health Promotion and Education    | An in-depth examination of the theoretical foundations that shape research and practice in health promotion, health education, and disease prevention.   |
| HSC6248              | Community Program Planning and Implementation                | The assessment and application of planning and implementing community health education/promotion programs using behavioral and social theories.  |
| HSC6717              | Community Program Monitoring and Evaluation                  | The assessment and application of monitoring and evaluating community health education/promotion programs using behavioral and social theories.  |
| HSC6604              | Behavioral and Sociocultural Aspects of Health Equity        | Examination of determinants of health and health equity with a focus on strategies for improving healthcare systems and community health promotion.  |
| HSC6607              | Lifestyle Medicine   | Examination and application of evidence-based practices focusing on modifiable behaviors associated with prevention and treatment of common chronic diseases and conditions.                             |
| HSC6706              | Introduction to Clinical Research                            | Introduction to the scientific principles, concepts, and language for conducting clinical research.  |

|         |   |  |
|---------|---|--|
| HSC6667 | Health Promotion Advocacy, Communication, and Campaigns | Application of health promotion and marketing principles, theories, and techniques to developing and advocating for multi-faceted health promotion and disease prevention campaigns.         |
| HSC6586 | Health and Wellness Coaching                            | In-depth study of behavior change science and development of professional core competencies for coaching integrative lifestyle medicine in health care. Includes patient safety information. |
| HSC6946 | Health Promotion Practicum                              | Supervised professional practice experience requiring synthesis, integration, and application of health promotion knowledge and skills. Includes patient safety information.                 |
| HSC6971 | Thesis  | Thesis research  |
| HSC6918 | Directed Research                                       | Directed research  |

**F. For degree programs in medicine, nursing, and/or allied health sciences, identify the courses with the competencies necessary to meet the requirements in [Section 1004.08, Florida Statutes](#). For teacher preparation programs, identify the courses with the competencies required in [Section 1004.04, Florida Statutes](#).**

**Not applicable to this program because the program is not a medicine, nursing, allied health sciences, or teacher preparation program.**

Patient safety and patient safety improvement will be incorporated into HSC6586 – Health and Wellness Coaching and HSC6946 – Health Promotion Practicum.

**G. Describe any potential impact on related academic programs or departments, such as an increased need for general education or common prerequisite courses or an increased need for required or elective courses outside of the proposed academic program. If the proposed program is a collaborative effort between multiple academic departments, colleges, or schools within the institution, provide letters of support or MOUs from each department, college, or school in Appendix D.**

No potential impacts are anticipated on other programs. The thesis curriculum includes one elective course offered by the School of Kinesiology and Rehabilitation Sciences (see Appendix M - Letters of Support).



**H. Identify any established or planned educational sites where the program will be offered or administered. Provide a rationale if the proposed program will only be offered or administered at a site(s) other than the main campus.**

The UCF main campus will be the educational site for offering and administering the proposed program. The didactic portion of HSC6946 – Health Promotion Practicum will occur on the UCF main campus, but the practicum activities associated with this course will include on and off campus sites to ensure sufficient placements and to enhance exposure and variety.

**I. Describe the anticipated mode of delivery for the proposed program (e.g., face-to-face, distance learning, hybrid). If the method(s) of delivery will require specialized services or additional financial support, describe the projected costs below and discuss how they are reflected in Appendix A – Table 3A or 3B.**

The proposed MS in Health Sciences is designed to be offered as a face-to-face degree program. Occasionally, select courses may be offered in a mixed mode format (i.e., hybrid format – face-to-face with some components completed online). No specialized services or additional financial support will be needed for the hybrid delivery mode as UCF has a fully operational platform for this type of delivery.

**J. Provide a narrative addressing the feasibility of delivering the proposed program through collaboration with other institutions, both public and private. Cite any specific queries of other institutions concerning shared courses, distance/distributed learning technologies, and joint-use facilities for research or internships.**

Although the proposed Master of Science in Health Sciences will be solely under the purview of the University of Central Florida, plans are in place to collaborate with the Orlando VAHCS dietetic internship program. This will provide interns enrolled in that program the opportunity to earn a graduate degree in a related area of study, thereby making them eligible to take the national credentialing exam for registered dietitian nutritionists. The students enrolled in the Orlando VAHCS dietetic internship will complete the 3-credit practicum experience course using the Orlando VAHCS facilities and sites with whom they have affiliation agreements.

**K. Describe any currently available sites for internship and/or practicum experiences. Describe any plans to seek additional sites in Years 1 through 5.**  
 **Not applicable to this program because the program does not require internships or practicums.**

The Orlando VAHCS offers a wide range of health care services, support, and facilities for Veterans in east Central Florida. The Orlando VAHCS includes a 134-bed acute care hospital with medicine, surgery, intensive care, and psychiatric units. It also has a separate 120-bed long-term care facility and a 116-bed residential domiciliary for veterans requiring residential treatment programs for mental health and/or substance abuse. Outpatient services include primary care, mental health care, specialty care, social programs and services, and others including whole health, patient-centered care in which a personalized health plan is developed based on veteran values, needs, and goals. The Orlando VAHCS is accredited by the Commission on Accreditation of Rehabilitation Facilities.

The UCF Wellness Research Center (UCF Employee Gym) and the UCF Recreation and Wellness Center – Wellness and Health Promotion Service are other sites available for our students (see **Appendix M** – Letters of Support). These facilities provide a wide range of equipment and services including a full range of exercise equipment, fitness assessments, classes that promote health, wellness, and fitness, and opportunities for group education and individual health and wellness coaching.

Potential practicum sites for non-thesis students who are not enrolled in the Orlando VAHCS dietetic internship program include the UCF Recreation and Wellness Center, the UCF Student Health Service, YMCAs in the Orlando area, and other health and wellness organizations. These sites and others will be pursued pending program approval.

## **V. Program Quality Indicators - Reviews and Accreditation**

### **A. List all accreditation agencies and learned societies concerned with the proposed program. If the institution intends to seek specialized accreditation for the proposed program, as described in [Board of Governors Regulation 3.006](#), provide a timeline for seeking specialized accreditation. If specialized accreditation will not be sought, please explain.**

Accreditation for the proposed Master of Science in Health Sciences is **NOT** being pursued as there are no specialized accrediting bodies for health sciences programs focusing on health education/health promotion. Instead, the program intends to offer students a curriculum that meets the requirements for becoming certified in the two areas addressed below.

One of the features of the intent of the proposed Master of Science in Health Sciences is for graduates to meet the eligibility requirements to take the certification exam to become a certified health and wellness coach if they desire to hold this certification. For this reason, we will apply to become a National Board for Health and Wellness Coaching Approved Training Program. This involves a program approval application (not accreditation) and an initial application fee of \$899. Once approved, and annually thereafter, approved provider and administrative fees amount to \$900 per year, the cost of which is included in our cost projections for the proposed program. No reports or site visits are required. Gaining approval as a program provider will commence with notification that the Master of Science in Health Sciences degree program is approved. The timeline for reaching the goal of becoming a National Board for Health and Wellness Coaching approved provider is prior to completion of our first cohort of students.

Similarly, our curriculum is designed to meet the requirements to become a certified health education specialist (CHES) through the National Commission for Health Education Credentialing. Exam eligibility is based solely on academic qualifications as determined by a review of applicants' transcripts that demonstrate degree conferral, syllabi that include course descriptions, and a minimum of 25 semester credits of course work (grade of "C" or better) addressing the Eight Areas of Responsibility and Competency for Health Education Specialists. This process occurs post-graduation, and no reports, site visits, or fees are charged to the program. The proposed Master of Science in Health Sciences curriculum was developed to ensure that the competencies addressed in the Eight Areas of Responsibility and Competency for Health Education Specialists are achieved.

While the Orlando VAHCS must show that they have a process to ensure interns complete a graduate degree by the end of the internship program to meet the Accreditation Council for Education in Nutrition and Dietetics (ACEND) accreditation standards, the accreditation process and the fees associated with seeking and maintaining accreditation for the dietetic internship program rest solely with the Orlando VAHCS.

**B. Identify all internal or external academic program reviews and/or accreditation visits for any degree programs related to the proposed program at the institution, including but not limited to programs within the academic unit(s) associated with the proposed degree program. List all recommendations from the reviews and summarize the institution's progress in implementing those recommendations.**

Once the degree program is approved, it will be subject to UCF's annual Institutional Effectiveness assessment, as well as the 7-year Academic Program Review process conducted by the UCF Academic Program Quality unit.

The Institutional Effectiveness report for the undergraduate program in Health Sciences for 2021-2022 showed that the program met all 12 target measures for the outcomes outlined for the program.

An onsite Academic Program Review by external reviewers of our department/ undergraduate program was conducted in February 2020, less than two years after the department was formed as its own entity. Recommendations were made at the unit and BS degree levels. The recommendations and progress to date are summarized below. (Note: Prior to 2018, health sciences was a program within a larger unit in a different college.)

**Unit Level Recommendations**

| <b>Recommendation</b>  | <b>Progress</b>   |
|--|---|
| <ul style="list-style-type: none"> <li>▪ Explore opportunities to develop and propose a master's degree program built on areas of identified academic strength with corresponding industry need; evaluate feasibility in light of available resources</li> </ul> | <ul style="list-style-type: none"> <li>▪ In progress, as evidenced by this proposal.</li> </ul>   |
| <ul style="list-style-type: none"> <li>▪ Update the department's/program's strategic plan, mission and vision; align plans with the university, AHSC, and CHPS.</li> </ul>   | <ul style="list-style-type: none"> <li>▪ The department's mission and vision were revised. A strategic implementation plan was developed based on the CHPS Strategic Plan that was finalized in late 2020. We are tracking our outcomes.</li> </ul> |
| <ul style="list-style-type: none"> <li>▪ Identify existing and emerging areas of academic strength among the faculty to inform strategic planning and refine what academic excellence means in the context of this department and program</li> </ul>             | <ul style="list-style-type: none"> <li>▪ The Department of Health Sciences Academic Evaluation Standards and Procedures were significantly revised to define academic excellence more clearly. The document was approved by</li> </ul>              |

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| <p>to inform goal setting and promotion and tenure criteria.</p>  | <p>Faculty Excellence for first use for the 2022-2023 academic year.</p> <ul style="list-style-type: none"> <li>▪ The department’s Promotion and Tenure Guidelines for tenure track and instructors/lecturers were revised to define academic excellence and expectations. The documents were approved by Faculty Excellence for first use for 2024-2025 academic year.</li> </ul>  |
| <ul style="list-style-type: none"> <li>▪ Collaborate with the College of Health Professions and Sciences Office of Research to overcome barriers impeding timely contract and grant submissions</li> </ul>  | <p>The CHPS Office of Research improved efficiency by:</p> <ul style="list-style-type: none"> <li>▪ reorganizing roles of CHPS Office of Research personnel</li> <li>▪ hiring a contracts and grants manager to oversee Office of Research personnel</li> <li>▪ offering new grant review initiatives that encourage faculty to have documents ready far in advance of federal timelines.</li> </ul>  |
| <ul style="list-style-type: none"> <li>▪ Determine and prioritize human resource needs in the context of the enrollment management plan and departmental research goals; be prepared to make your case for value added should resources become available</li> </ul>   | <ul style="list-style-type: none"> <li>▪ A faculty gap analysis was conducted and used to develop a justification and rationale for additional faculty hires</li> <li>▪ Received approval for 7 new faculty lines (3 TT; 4 I/L); to date, hired 3 TT and 3 I/L; search in progress for 1 I/L; submitted request for additional TT faculty positions.</li> <li>▪ An advisor gap analysis was completed based on the National Academic Advising Association (NACADA) recommendations; doubled advising team to 4 advisors.</li> </ul> |
| <ul style="list-style-type: none"> <li>▪ Consider engaging senior faculty from other academic units (e.g., population health sciences) to assist in mentoring junior faculty (senior faculty from any discipline may provide useful support); consult with Faculty Excellence and the Office of Research for additional strategies to meet faculty mentoring needs (e.g., NIH proposal trainings, university faculty mentoring programs)</li> </ul> | <ul style="list-style-type: none"> <li>▪ All tenure earning faculty members employed prior to Fall ’22 are engaged in research with senior faculty (associate or full professors) in other units in CHPS/UCF, including the College of Medicine (i.e., Population Health Sciences and others), the College of Nursing, and the College of Community Innovation and Education. Collaborations have developed resulting in grant submissions, with successful funding in some instances,</li> </ul>                                   |

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|   | <p>and publications in peer-reviewed journals.</p> <ul style="list-style-type: none"> <li>Faculty participate in NIH Pitch Circle and Hanover Group for research proposal reviews and in proposal training programs offered by CHPS Office of Research and UCF Office of Research.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Continue to seek collaborative opportunities with other units across campus, (e.g., Department of Population Health Sciences)</li> </ul> | <ul style="list-style-type: none"> <li>Faculty are collaborating with units within CHPS (i.e., SW, SKRS), external to CHPS (i.e., COM – including Population Health, CON, CCIE), and external to UCF (e.g., Nemours, Boys &amp; Girls Club, etc.).</li> <li>Collaborations have led to funding, research projects, and publications.</li> </ul> |

### Health Sciences, BS Level Recommendations

| Recommendation  | Progress   |
|---|--|
| <ul style="list-style-type: none"> <li>Continue to assess the program's student-to-faculty ratio; conduct a faculty gap analysis and determine the target number of tenure-earning and non-tenure-earning faculty needed to meet evolving educational needs.</li> </ul> | <ul style="list-style-type: none"> <li>A faculty gap analysis was conducted and used to develop a justification and rationale for additional faculty hires.</li> <li>Received approval for 7 new faculty lines (3 TT; 4 I/L); to date, hired 3 TT and 3 I/L; search in progress for 1 I/L; submitted request for additional TT faculty positions.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Assess best practices with respect to the program's ratio of students to advisors</li> </ul>   | <ul style="list-style-type: none"> <li>An advisor gap analysis was completed based on NACADA recommendations; doubled advising team to 4 advisors</li> <li>Initiated new processes resulting in an increase in the number of students who can be served. These include targeted campaigns that use a proactive approach to identify and reach out to high risk students (i.e., based on credit hours, GPA, etc.) to encourage them to meet with an academic advisor; contacting Health Sciences majors in advance of registration to schedule an appointment for advising and sending them a schedule planning form that they bring to the advising session to reduce meeting time and allow more students to be served. Zoom-walk-in sessions are scheduled for 2-3 weeks surrounding registration and during add/drop/swap, which eliminates time</li> </ul> |

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|   | <p>wasted from missed appointments and provides convenience for students.</p> <ul style="list-style-type: none"> <li>▪ Advising services are offered in modalities that meet student preferences and availability (i.e., face-to-face, Zoom, phone, and email).</li> </ul>   |
| <ul style="list-style-type: none"> <li>▪ Inquire with Institutional Knowledge Management and the Office of Pre-Health and Pre-Law Advising about the availability of program graduate outcomes data; conduct a postgraduation assessment of the program’s alumni focusing on metrics regarding the number of students who enter careers or attend graduate and professional schools in the health sciences; assess the program’s vision, mission, and marketing strategies to identify whether they reflect actual postgraduation outcomes</li> </ul> | <ul style="list-style-type: none"> <li>▪ In collaboration with UCF’s Operational Excellence and Assessment Support, a program specific survey was developed to capture data related to the number of students entering careers and/or attending graduate/professional schools in health sciences.</li> <li>▪ Work with the Office of Pre-Health and Pre-Law Advising to obtain a list of students accepted to/matriculated into professional school programs on a semester-by-semester basis.</li> <li>▪ Faculty contribute to our list of students attending graduate/professional schools as they hear from former students.</li> <li>▪ Developed social media accounts (i.e., LinkedIn, Instagram, Facebook, Twitter) to engage students and alumni.</li> </ul> |
| <ul style="list-style-type: none"> <li>▪ Explore solutions to factors delaying student progression, including continued collaboration with departments providing prerequisite courses</li> </ul>  | <ul style="list-style-type: none"> <li>▪ The Health Sciences curricula (Pre-clinical and Health Promotion) were reviewed with faculty and advisors to identify roadblocks that might occur due to unnecessary prerequisites within our curriculum. Adjustments were made accordingly.</li> <li>▪ Adjusted teaching assignments to provide additional sections of bottleneck courses within our department.</li> <li>▪ Identified acceptable substitutes for courses when available and appropriate.</li> <li>▪ Secured funding for additional faculty lines thereby increasing capacity to meet student demand for courses.</li> <li>▪ Requested and received timely completion funds to offer more sections of high demand courses.</li> </ul>                    |

|  |   |
|--|---|
|  | <ul style="list-style-type: none"> <li>▪ Solutions to delayed student progression related to lack of sufficient availability of prerequisite courses outside of our department (beyond partial solutions already in place at the time of the APR) have been explored with little resolve due to lack of sufficient facilities, staffing, etc. in those areas.</li> </ul>  |
| <ul style="list-style-type: none"> <li>▪ Continuously review the Pegasus Path student degree planning tool to ensure currency</li> </ul>   | <ul style="list-style-type: none"> <li>▪ Ongoing review of Pegasus Path to update critical courses and extracurricular activities</li> </ul>  |
| <ul style="list-style-type: none"> <li>▪ Establish an advisory board and develop and implement a plan to otherwise engage alumni in department activities (e.g., fundraising, student mentoring, graduate placement, research collaborations with industry)</li> </ul> | <ul style="list-style-type: none"> <li>▪ A biannual Health Sciences Alumni Newsletter was developed with the assistance of CHPS Communications and Marketing. Content includes alumni feature stories, updates on the department, recent graduates entering professional/graduate programs, and a survey requesting information from alumni and their potential interest in mentoring DHS students.</li> <li>▪ Developed a HS Alumni LinkedIn account to which above information is posted; recruit students from our senior seminar class to join before they graduate.</li> <li>▪ Initiated Student and Alumni Spotlight articles and posts that are sent via LinkedIn, Twitter, FB, and IG.</li> </ul> |
| <ul style="list-style-type: none"> <li>▪ Continue to clarify and publicize which offices can best advise students at what stage of their education and under what circumstances</li> </ul>   | <ul style="list-style-type: none"> <li>▪ This was achieved through the reorganization of CHPS advising services, clarification of responsibilities at the college and unit levels, and publicity strategies.</li> <li>▪ Degree maps were developed for Pegasus Path to help guide students to other UCF offices that provide advice (e.g., Pre-Health, Pre-Law Advising).</li> <li>▪ Orientation sessions, social media, and emails are also used to apprise students of resources.</li> </ul>  |

**C. For appropriate degree programs, discuss how employer-driven or industry-driven competencies were identified and incorporated into the curriculum. Additionally, indicate whether an industry or employer advisory council exists to provide input for curriculum development, student assessment, and academic-force alignment. If an advisory council is not already in place, describe any plans to develop one or other plans to ensure academic-workforce alignment.**

The proposed curriculum for the Master of Science in Health Sciences was developed by Health Sciences faculty who are well-versed in the academic preparation and qualifications needed to plan, develop, and implement health promotion/health education programs and research; evaluate and assess research findings for translation into practice; and employ cognitive and health behavior strategies to support positive lifestyle changes among healthy and chronically ill individuals and populations.

The faculty considered the academic preparation requirements to become a Certified Health Education Specialist (CHES) set by the National Commission for Health Education Credentialing, the Guidelines for Hiring Health Promotion Professionals in Higher Education from the American College of Health Association, and the eligibility requirements to become a certified health and wellness coach established by the National Board for Health and Wellness Coaching. They also considered the competencies for registered dietitian nutritionists (RDNs) set by the Accreditation Council for Education in Nutrition and Dietetics, as the Orlando VAHCS has the option to count competencies achieved in the graduate degree program.

Graduates will be equipped to serve as health education/health promotion specialists and work in inpatient/outpatient healthcare facilities; federal, state, and local health-related agencies; non-governmental health organizations; schools and universities; and the private sector. They also will be eligible to advance into health-oriented administrative positions (i.e., health and wellness coordinator/manager/director; public health administrator; etc.) and be eligible for employment as post-secondary instructors in health education, health promotion and wellness, and nutrition (the latter only applies to RDNs). Students completing the Orlando VAHCS and the graduate program also will be able to secure positions as dietitian/nutritionists as soon as they pass the credentialing exam. All graduates will meet the job requirements for employment as health education specialists, health educators, wellness coordinators/managers, post-secondary faculty at state colleges and some universities, and other positions. While not the primary focus of the proposed degree program, graduates will be well-positioned to pursue a doctoral degree in health sciences and related areas and be more competitive for acceptance into professional schools (e.g., medical, dental, physician assistant, physical therapy, etc.) where a strong foundation in research and the ability to motivate clients/patients to make positive lifestyle changes will be essential.

Health Sciences is a very broad discipline that encompasses a variety of sub-disciplines related to the application of science to health. It includes the study of delivery and improvement of health care services, as well scientific research and practical applications aimed at improving the health of individuals and populations and can lead to a wide variety of careers. Perhaps due to the broadness of this discipline, there is no industry or employer-specific advisory council for health sciences.



It is anticipated that an advisory council for the proposed Master of Science in Health Sciences will be formed within the first year of the program, if not sooner.

## **VI. Faculty Participation**

**A. Use Appendix A – Table 2 to identify existing and anticipated full-time faculty who will participate in the proposed program through Year 5, excluding visiting or adjunct faculty. Include the following information for each faculty member or position in Appendix A – Table 2:**

- **the faculty code associated with the source of funding for the position**
- **faculty member's name**
- **the highest degree held**
- **academic discipline or specialization**
- **anticipated participation start date in the proposed program**
- **contract status (e.g., tenure, tenure-earning, or multi-year annual [MYA])**
- **contract length in months**
- **percent of annual effort that will support the proposed program (e.g., instruction, advising, supervising)**

**This information should be summarized below in narrative form. Additionally, provide the curriculum vitae (CV) for each identified faculty member in Appendix E.**

Twelve of our Health Sciences faculty members will participate in the proposed program through Year 5 by teaching graduate courses, serving on graduate committees (including thesis committees), and/or serving as the graduate coordinator. Nine of these faculty members are currently employed in our unit. The remaining three faculty members will be hired on open lines prior to the start of the of the 2024-2025 academic year. These are replacement positions due to recent unexpected faculty resignations. Searches for these replacements are in progress. Newly hired replacement faculty will not be assigned to teach graduate level courses during their first year; rather, they will be engaged in providing mentorship to graduate students, and they will teach at the undergraduate level, which will help serve undergraduate needs. Nine of the faculty members/positions are tenure track faculty (i.e., currently 1 tenured associate professor and 8 tenure-earning assistant professor positions), and three of the faculty hold/will hold multi-year annual contracts as lecturers. The source of funding for the faculty teaching courses and/or serving as the graduate coordinator will be covered by current education and general revenue funds. All participating faculty have doctoral degrees and expertise and experience consistent with the courses they will teach including research planning and design, public health, health education, health promotion, health behavior/communications, epidemiology, systematic reviews, nutrition, and exercise physiology.

The proposed date for initial participation in the program is Fall 2024. During Year 1, nine faculty will have teaching responsibilities. During Year 2 and beyond 10 faculty will have teaching responsibilities. All faculty participants are on 9-month contracts; however, because required courses will be offered during the summer semester and the work of the graduate coordinator/program director will continue through the summer months, three faculty will be compensated for their FTE during the summer. The graduate coordinator will be appointed at

0.125 FTE during each semester of the academic year and 0.25 during the summer. This expense was accounted for when projecting program costs. The FTE for graduate instruction for each faculty member teaching a graduate course during the fall and spring semesters will be 0.125. The FTE for faculty teaching a graduate course in the summer will be 0.38. The total person years for Years 1 and 5, respectively, are 1.22 and 1.26. The percent effort for the program during Years 1 and 5 was based on course mapping for the program.

**B. Provide specific evidence demonstrating that the academic unit(s) associated with the proposed program has been productive in teaching, research, and service. Such evidence may include trends over time for average course load, FTE productivity, student HC in major or service courses, degrees granted, external funding attracted, and other qualitative indicators of excellence (e.g., thesis, dissertation, or research supervision).**

Over the past three years approximately 3500 to 3850 students declared Health Sciences as their major making it one of the most popular majors at UCF. About 400-500 students minor in Health Sciences. The number of Health Sciences graduates (fall, spring, and summer combined) ranges between 800-900 students per year. Our faculty teach two to four sections of courses per semester that generate many student credit hours annually (i.e., 42,012; 43,057; and 47,307 SCH for the 2020-2021 through 2022-2023 academic years, respectively). Our First Time in College (FTIC) 1-year retention rate is 93% (UCF is 92.2%) and our FTIC 4-year graduation rate is 58.1% (UCF is 51.1%) (data from 2022-2023).

Evidence of our faculty's dedication to offering a high quality teaching program can be seen through our undergraduate course offerings designated by UCF's Center for Distributed Learning as Quality (n=6) and High Quality (n=5) courses and the development of six courses designated as high impact practice (HIP) courses (HIP; 2 Research Intensive; 2 Integrative Learning Experiences; and 2 Service Learning). In fact, the Department of Health Sciences leads the way in the number of students who have taken HIP - Research Intensive courses at UCF (n=3747 since 2018).

Since 2018, our faculty have far exceeded the UCF average for the number of undergraduate students involved in research per faculty, with a high of 8 students involved per faculty in 2021-2022 compared to the UCF average of 3.31. Their involvement includes mentoring students in the Honors Undergraduate Thesis (HUT) program, directing students engaged in independent research, and providing students with group research projects and experiences such as journal clubs and assisting with conducting faculty-led research projects. Numerous publications and conference presentations have resulted from our undergraduate students' work, including student co-authored publications in peer-reviewed journals.

The quality of mentorship likely contributes to the number of Health Sciences students selected to receive the Order of Pegasus Award – the most prestigious student honor at UCF (i.e., n=10 out of 76, ~13%) of undergraduate honorees from 2019-2022 were Health Sciences majors. Each of the Founders' Day awardees for the past three years (i.e., one student from CHPS awarded this honor annually) were Health Sciences majors. Other quality indicators of faculty mentoring include the fact that since 2020, 86% of all CHPS Honors Undergraduate Thesis Scholarship Awards were awarded to Health Sciences majors, and our students have received recognition for their research through the Research Day Judge's Choice Award and

fellowships and funding from the Office of Undergraduate Research.

Our tenure-track faculty currently average five peer-reviewed research publications per year, submit multiple external grants, present their research at national and international conferences, and contribute to the scholarship of teaching and learning (SoTL) by presenting SoTL research at national conferences. Some of our faculty have received national research-related awards such as the Faculty Scholar in Cancer Research Award and appointments to prestigious professional societies such as the College on Problems of Drug Dependence. All tenure track faculty hired prior to the 2022-2023 academic year hold graduate faculty status at UCF and most have been active in supporting graduate education at UCF by serving as a member or chair of master's thesis and/or doctoral dissertation committees in various colleges (i.e., CHPS, CCIE, COS, COM). Graduate faculty status for faculty hired during the 2022-2023 academic year has been initiated.

During our short existence as a department, our faculty has garnered awards for teaching and research including the CHPS Excellence in Undergraduate Teaching Award (n=3), the High Impact Practice Advocate Award (n=1); the CHPS Excellence in Research Award (n=1), the UCF Teaching Incentive Program award (n=2), the UCF Research Incentive Award (n=2), the Champion of Undergraduate Research Faculty Award (n=1), the Office of Research Mentoring Program Award (n=1), the Early-Stage Innovative Mentor Award (1), and the Mid-Stage Innovative Mentor Award (1). These recognitions speak volumes about the quality and productivity of our faculty.

In the service domain, our faculty serve on committees at the department, college, and university levels; serve on committees and advisory boards of non-profit organizations and school/county government councils/boards; provide direct services to community organizations; and serve on journal editorial boards or as guest editors. They routinely review manuscripts for peer-reviewed journals, and they are generous with donating their time to give community-based presentations and provide interviews for various media outlets.

## **VII. Estimate of Investment**

- A. Use Appendix A – Table 3A or 3B to provide projected costs and associated funding sources for Year 1 and Year 5 of program operation. In narrative form, describe all projected costs and funding sources for the proposed program(s). Data for Year 1 and Year 5 should reflect snapshots in time rather than cumulative costs.**

### **Faculty Salary and Benefits**

Faculty salaries and benefits (i.e., fringe at 33%) for Year 1 are estimated as \$178,181 (Table 3-A). This cost includes the cost of faculty to teach 10 graduate courses; a course release (0.125 FTE per semester) for a graduate coordinator/program director during the fall and spring semesters; a summer salary for the graduate coordinator/program director based on 0.25 FTE; and summer salaries for two graduate faculty members at 0.38 FTE each (i.e., one course each). Also included is the cost of faculty salaries and benefits with a 2% increase across the board based on the salary listed in Workday during the Spring 2023 semester, \$5,000 base salary increases for two faculty who received awards that went into effect with the Fall 2023 semester, and an anticipated promotion and tenure salary increase effective

Fall 2024.

During Year 5, the estimated cost for faculty salaries and benefits is \$215,187. This estimate is based on the cost for faculty to teach 12 graduate courses per year, a projected 2% annual increase in salaries, projected increases for promotion and tenure, and teaching/research awards that increase base salaries, thus this total may be more than the actual cost.

Projected enrollment (headcount) for Years 1 and 5 are 10 and 35 (12 and 40.75 FTE), respectively.

### **OPS Expenses**

The OPS costs include 5 assistantships beginning in Year 1 (i.e., 2 graduate research assistantships at 0.50 FTE and 3 graduate teaching assistantships at 0.25 FTE). By Year 5 or sooner, the cost of the graduate research assistantships will be covered by contracts and grants. Our need for tuition waivers pending program approval has been made known to the Senior Assistant Dean for the UCF College of Graduate Studies. Also included is funding (i.e., salary + fringe at 14% for Year 1) for six sections of undergraduate courses to be taught by adjunct faculty during the academic year to ensure coverage of undergraduate courses for a total OPS expense of \$59,640 during Year 1. The total projected cost for OPS during Year 5 is \$63,300. This includes an increase in the cost of adjunct faculty (i.e., \$500 increase per section) and fringe at 15%; however, \$20,400 is expected to be funded through contracts and grants resulting in a total of \$42,900 funded by E&G.

### **Library Expenses Other Programmatic Expenses**

The existing library resources in place are strong so the cost of library resources is small. Based on the library assessment, library resources already available through the UCF Library, only two journal subscriptions were recommended to be added at an initial cost of \$1185 in Year 1 and \$1464 in Year 2.

Other programmatic expenses include the initial application fee (\$899), and in subsequent years, approved provider and administrative fees (\$900 total per year) to maintain program approval status needed for graduates to take the certification exam offered through the National Board of Health and Wellness Coaches. The balance of the \$5,500 will be used for general expenses to cover software license renewals needed for certain courses (i.e., Systematic Reviews and Meta-Analyses in Health Sciences, Research Methods for Human Health and Behavioral Sciences, and Statistical Methods for Human Health and Behavioral Research), recruitment materials, and other programmatic expenses.

- B. Use Appendix A – Table 4 to show how existing Education & General (E&G) funds will be reallocated to support the proposed program in Year 1. Describe each funding source identified in Appendix A – Table 4, and justify below the reallocation of resources. Describe the impact the reallocation of financial resources will have on existing programs, including any possible financial impact of a shift in faculty effort, reallocation of instructional resources, greater use of adjunct faculty and teaching assistants, and explain what steps will be taken to mitigate such impacts.**

A total of \$243,321 will be reallocated from the Department of Health Sciences E&G funds to support the graduate program **during Year 1**. The reallocation includes:

- salary and fringe benefit costs for the portion of full-time faculty FTE that will be used to support graduate education, including time for a graduate program director
- salary and fringe to support adjunct faculty (OPS) to ensure coverage of undergraduate courses
- assistantship costs for a total of five graduate teaching/research assistantships (3 teaching at 0.25 FTE each; 2 research assistantships at 0.5 FTE each)
- programmatic expenses, including the cost of additional library resources that have the potential to benefit graduate and undergraduate students alike; the application fee charged for program review and approval by the National Board of Health and Wellness Coaches; and costs associated with software licensing fees, recruitment materials, and other programmatic expenses. The cost of the software licensing fees will also benefit undergraduate students participating in research activities with our faculty.

Teaching schedules will be arranged to have minimal if any impact on undergraduate course offerings in that sections of all courses will continue to include one or more full-time faculty members teaching the course in addition to any adjunct faculty needed to support course demand. Redirection of resources to support the graduate program is not anticipated to have a negative fiscal impact on undergraduate education as the projected expenses for the graduate program include salaries and fringe to support adjunct faculty to teach sections of courses that ordinarily would be taught by full-time faculty. Additionally, the Department of Health Sciences produced 47,307 undergraduate student credit hours in 2022-2023. Based on the cost of tuition only (i.e., no fees), this yields a total of nearly \$5M. With the initiation of the new budget model, the college and unit stand to benefit in terms of resource allocation.

**C. If the institution intends to operate the program as self-supporting, market tuition rate, or establish a differentiated graduate-level tuition, as described in [Board of Governors Regulation 8.002](#), provide a rationale and a timeline for seeking Board of Governors' approval.**

**Not applicable to this program because the program will not operate as self-supporting, market tuition rate, or establish a differentiated graduate-level tuition.**

**D. Provide the expected resident and non-resident tuition rate for the proposed program for both resident and non-resident students. The tuition rates should be reported per credit hour unless the institution has received approval for a different tuition structure. If the proposed program will operate as a continuing education program per [Board of Governors Regulation 8.002](#), describe how the tuition amount was calculated and how it is reflected in Appendix A – Table 3B.**

The program will not operate as a continuing education program.

The program will charge the published UCF graduate tuition rates for in state and out of state students. The current tuition rates are:

- In state: \$288.16 per credit hour (Note: The rate per credit hour with all fees is: \$369.65)
- Out of state: \$1,073.31 (i.e., tuition + non-resident fee) per credit hour (Note: The rate per credit hour with all fees is: \$1,194.05)

**E. Describe external financial and in-kind resources available to support the proposed program and explain how this amount is reflected in Appendix A – Table 3A or 3B.**

The resources to support the program are minimal. Laboratory space is not needed for this type of program. Equipment needs are also minimal, and the department already owns what it will need for the proposed program.

External financial and in-kind resources are not currently available to support the proposed program. Potential sources of support to be pursued for students are scholarships from organizations such as the Association of Schools Advancing Health Professions (ASAHP); the Academy of Nutrition and Dietetics and the Florida Academy of Nutrition and Dietetics (for students completing the Orlando VAHCS dietetic internship); Society for Public Health Education; American Academy of Health Behavior; and others. These scholarships may help to pay the cost of tuition and/or pay expenses for students to attend professional conferences.

Faculty will continue to pursue grant funding from external sources, including state and federal granting agencies and organizations to support their research, which may include support for graduate research assistants while providing authentic learning experiences for students.

Relationships with practicum sites in Central Florida will be pursued, and as such, will serve as an in-kind resource where students can practice applying their knowledge and skills in a supervised setting.

**VIII. Self-Supporting and Market Tuition Rate Programs**

*Section VII was not completed because the program will not operate as a self-supporting or market tuition rate program.*

***Note: Skip this section if the proposed program will not operate as a self-supporting or market tuition rate program.***

**Proposed Program Type**

**Market Tuition Rate Program**

**Online**

**Continuing Education**

**Self-Supporting Program**

**N/A**

**A. Provide supporting documentation in a separate attachment that serves as evidence that the new program will not supplant any existing similar or equivalent E&G degree offering. Describe the evidence in narrative form below. *Note that Board Regulation 8.002 considers a program similar if it is offered under the same CIP code as one funded under the E&G budget entity.***

**B. If the proposed self-supporting or market tuition rate program will be a track under an existing E&G program or has a similar existing E&G program, provide a side-by-side tuition and fee comparison in the table below. Provide a link to the university's website that provides students with information about financial assistance and obligations for repayment of loans for these programs.**

**Not applicable because the program will not be a track under an existing E&G program or is not similar to an existing E&G program.**

**Tuition and Fee Comparison**

| E&G Track or Program | Proposed Program |
|----------------------|------------------|
|                      |                  |

**C. Explain whether the program leads to initial licensing or certification in occupational areas identified as a state critical workforce need. If so, which licenses and certifications will graduates receive upon completion, and explain why implementing the program as self-supporting or market tuition rate is the best strategy to increase the number of graduates in the state.**

***Note: Questions D – M pertain only to market tuition rate programs. If the proposed program will be self-supporting, skip to Section IX.***

**D. Explain the process used to determine the proposed market tuition rate and provide the tuition of similar programs offered by other SUS institutions and private institutions as appropriate so that the tuition of at least five similar programs is provided. If the proposed tuition rates differ for resident and non-resident students, explain why.**

**E. Explain how offering the proposed program at a market tuition rate is aligned with the university's mission. If the program qualifies as a Program of Strategic Emphasis, provide additional justification for charging higher tuition for the proposed program.**

**F. Provide a declaratory statement that offering the proposed program at the market tuition rate does not increase the state's fiscal liability or obligation.**

**G. Explain any proposed restrictions, limitations, or conditions to be placed on the program.**

- H. Explain how the university will ensure sufficient courses are available to meet student demand and facilitate program completion.
- I. If applicable, provide a baseline of current enrollments, including a breakout of resident and non-resident enrollment in similar courses funded by the E&G budget entity.
- J. Describe any outcome measures that will be used to determine the program's success.
- K. List the campuses and/or sites at which the proposed program will be offered. If the program is only offered online, indicate that, and provide the location from which the program will be managed.
- L. Provide an estimate of the total and net annual revenue the university anticipates collecting for Years 1 and 5 if the proposal is approved. This information should be consistent with the data provided in Appendix A – Table 3B, which is required as a part of this proposal.
- M. Describe how revenues will be spent, including whether private vendors will be utilized and for what purpose. Additionally, identify all budget entities used for the program.

## **IX. Non-Faculty Resources**

- A. Describe library resources currently available to implement and/or sustain the proposed program through Year 5 below, including but not limited to the following:
- the total number of volumes and serials available in the discipline and related disciplines
  - all major journals that are available to the university's students
- The Library Director must sign the additional signatures page to indicate they have reviewed Sections IX.A. and IX.B.

A detailed Library Evaluation (see **Appendix L – UCF Library Analysis** for details) was completed by Terri Syblot, Subject Librarian for Kinesiology, Physical Therapy, and Athletic Training and Shane Roopnarine, Subject Librarian for Health Sciences of the UCF Libraries. The report included a detailed analysis and comparison to peer institutions (i.e., University of Florida, University of North Florida, University of Virginia, University of North Carolina – Chapel Hill, and the University of Mississippi) of UCF databases, books, e-book platforms, and journals. Based on the analysis, UCF Libraries current holdings are projected to meet the needs of the proposed master's degree program except for one journal (i.e., American Journal of Health Behavior; total journals 64/66 listed), which will need to be purchased. The other journal that could be included but is not necessary based on the library assessment is AIDS Education and Prevention.



In fact, the only institution that exceeds UCF for journal listings in this area is UF with 65.66. UCF compares favorably or exceeds the holdings of other institutions for books (i.e., 7965 books with relevant subject key words – more than all comparison institutions except UNC Chapel Hill), e-Book platforms (i.e., all 15 listed), and databases (i.e., 41/45 – as good as UF and better than other peer institutions) needed to support the degree program.

**B. Discuss any additional library resources needed to implement and/or sustain the program through Year 5. Describe how those costs are reflected in Appendix A – Table 3A or 3B.**

**Not applicable to this program because no additional library resources are needed to implement or sustain the proposed program.**

Based on the UCF Library analysis, the only purchase that will need to be made is the American Journal of Health Behavior; however, adding AIDS Education & Prevention will round out the collection, even though it was not deemed essential. The cost of these two subscriptions in Years 1 and 5 are \$1,244 and \$1,463, respectively. The costs are included in the \$5,500 listed under programmatic expenses in **Table 3-A of Appendix A**. These are recurring, incremental costs as shown below.

|   | 2024-2025                           | 2025-2026                           | 2026-2027                           | 2027-2028                           | 2028-2029                           |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Journals  | American Journal of Health Behavior | American Journal of Health Behavior | American Journal of Health Behavior | American Journal of Health Behavior | American Journal of Health Behavior |
| Journals  | AIDS Education & Prevention         | AIDS Education & Prevention         | AIDS Education & Prevention         | AIDS Education & Prevention         | AIDS Education & Prevention         |
| <b>Total if only Am J of Health Behavior is added</b>                                 | <b>393.75</b>                       | <b>414.44</b>                       | <b>435.16</b>                       | <b>456.92</b>                       | <b>479.77</b>                       |
| <b>Total if Am J of Health Behavior and AIDS Education &amp; Prevention are added</b> | <b>1244.25</b>                      | <b>1264.94</b>                      | <b>1328.19</b>                      | <b>1394.60</b>                      | <b>1464.33</b>                      |

**C. Describe any specialized equipment and space currently available to implement and/or sustain the proposed program through Year 5.**

All current faculty and faculty to be hired on replacement lines have separate offices where they can meet with students.

The delivery of in-person classes will occur in assigned classrooms across the UCF campus. The curriculum does not require the use of teaching laboratories or other special teaching accommodations.

Dedicated area for graduate students with eight computers loaded with various types of software needed to support research and other aspects of the curriculum including SASS, Power and Precision, Meta-analysis software, Actigraph analysis, Covidence, NVivo, transcription software, standard software (e.g., Word, Excel, PowerPoint, etc.), internet access, etc.

Dedicated space and multi-use areas in the CHPS Innovation Center to support focus groups and individual and group education/coaching.

Access to specialized equipment in the Innovation Center including Hologram equipment that can be used to teleport guest speakers, simulation rooms, and interactive teaching technologies.

Scales, stadiometers, FitBit activity tracking devices, body composition analysis equipment and software, actigraphy devices, sphygmomanometers (i.e., blood pressure cuffs), stethoscopes, heart rate monitors, and equipment for health fair events and presentations (i.e., banners, tent, table, portable signs, educational props for engagement, food models, and anatomical models).

**D. Describe any additional specialized equipment or space needed to implement and/or sustain the proposed program through Year 5. Include any projected Instruction and Research (I&R) costs of additional space in Appendix A – Table 3A or 3B. Costs for new construction should be provided in response to Section IX.E. below.**

**Not applicable to this program because no new I&R costs are needed to implement or sustain the program through Year 5**

**E. If a new capital expenditure for instructional or research space is required, indicate where this item appears on the university's fixed capital outlay priority list. Appendix A – Table 3A or 3B includes only I&R costs. If non-I&R costs, such as indirect costs affecting libraries and student services, are expected to increase due to the program, describe and estimate those expenses in narrative form below. High enrollment programs, in particular, are expected to necessitate increased costs in non-I&R activities.**

**Not applicable to this program because no new capital expenditures are needed to implement or sustain the program through Year 5.**

**F. Describe any additional special categories of resources needed to operate the proposed program through Year 5, such as access to proprietary research facilities, specialized services, or extended travel. Explain how those projected costs of special resources are reflected in Appendix A – Table 3A or 3B.**

**Not applicable to this program because no additional special categories of resources are needed to implement or sustain the program through Year 5.**

**G. Describe fellowships, scholarships, and graduate assistantships to be allocated to the proposed program through Year 5 and explain how those are reflected in Appendix A – Table 3A or 3B.**

**Not applicable to this program because no fellowships, scholarships, and/or graduate assistantships will be allocated to the proposed program through Year 5.**

The projected E&G costs in Year 1 for 2 half-time (0.5 FTE) and 3 quarter-time (0.25 FTE) graduate assistantships (2 half-time = \$20,400 and 3 quarter-time = \$15,300) for a total of \$35,700 including fringe at 2%. By Year 5 or sooner, contract and grant funds will be used to support at least two graduate assistantships at 0.5 FTE to offset the E&G costs for the proposed program. Graduate assistants will provide support as a graduate assistant (GA), graduate research assistant (GRA), or graduate teaching assistant (GTA).

## X. Required Appendices

The appendices listed in tables 1 & 2 below are required for all proposed degree programs except where specifically noted. Institutions should check the appropriate box to indicate if a particular appendix is included to ensure all program-specific requirements are met. Institutions may provide additional appendices to supplement the information provided in the proposal and list them in Table 2 below.

**Table 1. Required Appendices by Degree Level**

| Appendix | Appendix Title                                      | Supplemental Instructions  | Included Yes/No | Required for Degree Program Level |                     |                        |
|----------|---|--|-----------------|-----------------------------------|---------------------|------------------------|
|          |   |  |                 | Bachelors                         | Masters/ Specialist | Doctoral/ Professional |
| A        | Tables 1-4  |  |                 | X                                 | X                   | X                      |
| B        | Consultant's Report and Institutional Response      |  |                 |                                   |                     | X                      |
| C        | Academic Learning Compacts                          | Include a copy of the approved or proposed Academic Learning Compacts for the program  |                 | X                                 |                     |                        |
| D        | Letters of Support or MOU from Other Academic Units | Required only for programs offered in collaboration with multiple academic units within the institution  |                 | X                                 | X                   | X                      |
| E        | Common Prerequisite Request Form                    | This form should also be emailed directly to the BOG Director of Articulation before submitting the program proposal to the Board office for review. |                 | X                                 |                     |                        |

|   |   |  |  |   |   |   |
|---|---|--|--|---|---|---|
| F | Request for Exemption to the 120 Credit Hour Requirement          | Required only for baccalaureate degree programs seeking approval to exceed the 120 credit hour requirement |  | X |   |   |
| G | Request for Specialized Admissions Status                         | Required only for baccalaureate degree programs seeking approval for specialized admissions status         |  | X |   |   |
| H | Attestations for Self-Supporting and Market Tuition Rate Programs | Required only for self-supporting or market tuition rate programs  |  |   | X | X |
| I | Faculty Curriculum Vitae  |  |  | X | X | X |

**Table 2. Additional Appendices**

| <b>Appendix</b> | <b>Appendix Title</b>  | <b>Description</b>   |
|-----------------|--|--|
| Appendix J      | Sample Job Postings in Florida                                 | Sample job postings in Florida for Health Education Specialists and Dietitian Nutritionist.  |
| Appendix K      | Health Sciences Majors Interest Survey & Focus Group Questions | Qualtrics survey distributed to Health Sciences majors in a senior level course to determine interest in the proposed degree and questions used to conduct three small focus groups with Health Sciences students. |
| Appendix L      | UCF Library Report – Signed by Dean of Libraries               | Comparison of library holdings needed for the degree to other institutions with similar types of programs.   |

|            |                    |  |
|------------|--------------------|--|
| Appendix M | Letters of Support | Internal and External Letters of Support for the proposed program, acknowledging workforce need and/or interest in collaboration, agreement for use of courses from another unit for elective credit, and acknowledging absence of a conflict of interest. |
|------------|--------------------|--|

**APPENDIX A**  
**TABLE 1-A**  
**PROJECTED HEADCOUNT FROM POTENTIAL SOURCES - NOT APPLICABLE**  
**(Baccalaureate Degree Program)**

| Source of Students<br>(Non-duplicated headcount in any given year)*   | Year 1<br>HC | Year 1<br>FTE | Year 2<br>HC | Year 2<br>FTE | Year 3<br>HC | Year 3<br>FTE | Year 4<br>HC | Year 4<br>FTE | Year 5<br>HC | Year 5<br>FTE |
|---|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|
| Upper-level students who are transferring from other majors within the university**   | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             |
| Students who initially entered the university as FTIC students and who are progressing from the lower to the upper level*** | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             |
| Florida College System transfers to the upper level***  | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             |
| Transfers to the upper level from other Florida colleges and universities***  | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             |
| Transfers from out of state colleges and universities***  | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             |
| Other (Explain)***  | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             | 0            | 0             |
| <b>Totals</b>   | <b>0</b>     | <b>0</b>      | <b>0</b>     | <b>0</b>      | <b>0</b>     | <b>0</b>      | <b>0</b>     | <b>0</b>      | <b>0</b>     | <b>0</b>      |

\* List projected annual headcount of students enrolled in the degree program. List projected yearly cumulative ENROLLMENTS instead of admissions.

\*\* If numbers appear in this category, they should go DOWN in later years.

\*\*\* Do not include individuals counted in any PRIOR CATEGORY in a given COLUMN.

**APPENDIX A**  
**TABLE 1-B**  
**PROJECTED HEADCOUNT FROM POTENTIAL SOURCES**  
**(Graduate Degree Program)**

| Source of Students<br>(Non-duplicated headcount in any given year)*   | Year 1 HC | Year 1 FTE | Year 2 HC<br>(2 new thesis this yr; 2 returning) | Year 2 FTE  | Year 3 HC<br>(2 new thesis this yr; 2 returning) | Year 3 FTE   | Year 4 HC<br>(4 new thesis this yr; 2 returning) | Year 4 FTE  | Year 5 HC<br>(4 new thesis this yr; 4 returning) | Year 5 FTE   |
|---|-----------|------------|--|-------------|--|--------------|--|-------------|--|--------------|
| Individuals drawn from agencies/industries in your service area (e.g., older returning students)  | 0         | 0          | 0  | 0           | 0  | 0            | 0  | 0           | 0  | 0            |
| Students who transfer from other graduate programs within the university**  | 0         | 0          | 0  | 0           | 0  | 0            | 0  | 0           | 0  | 0            |
| Individuals who have recently graduated from preceding degree programs at this university   | 6         | 7          | 12   | 13.5        | 17   | 19.75        | 22   | 25.5        | 27   | 30.75        |
| Individuals who graduated from preceding degree programs at other Florida public universities (Primarily students enrolled in Orlando VAHCS Dietetic Internship) non-thesis | 2         | 2.5        | 6  | 7.5         | 6  | 7.5          | 6  | 7.5         | 6  | 7.5          |
| Individuals who graduated from preceding degree programs at non-public Florida institutions   | 0         | 0          | 0  | 0           | 0  | 0            | 0  | 0           | 0  | 0            |
| Additional in-state residents***  | 0         | 0          | 0  | 0           | 0  | 0            | 0  | 0           | 0  | 0            |
| Additional out-of-state residents*** (Primarily students enrolled in Orlando VAHCS Dietetic Internship) non-thesis  | 2         | 2.5        | 2  | 2.5         | 2  | 2.5          | 2  | 2.5         | 2  | 2.5          |
| Additional foreign residents***   | 0         | 0          | 0  | 0           | 0  | 0            | 0  | 0           | 0  | 0            |
| Other (Explain)***  | 0         | 0          | 0  | 0           | 0  | 0            | 0  | 0           | 0  | 0            |
| <b>Totals</b>   | <b>10</b> | <b>12</b>  | <b>20</b>  | <b>23.5</b> | <b>25</b>  | <b>29.75</b> | <b>30</b>  | <b>35.5</b> | <b>35</b>  | <b>40.75</b> |

\* List projected annual headcount of students enrolled in the degree program. List projected yearly cumulative ENROLLMENTS instead of admissions.

\*\* If numbers appear in this category, they should go DOWN in later years.

\*\*\* Do not include individuals counted in any PRIOR category in a given COLUMN.



## APPENDIX A

**Table 2  
Anticipated Faculty Participation**

| Faculty Code                   | Faculty Name or "New Hire"<br>Highest Degree Held<br>Academic Discipline or Specialty | Rank       | Contract Status | Initial Date for Participation in Program | Mos. Contract Year 1 | FTE Year 1 | % Effort for Prg. Year 1 | PY Year 1   | Mos. Contract Year 5 | FTE Year 5 | % Effort for Prg. Year 5 | PY Year 5   |
|--------------------------------|---|------------|-----------------|---|----------------------|------------|--------------------------|-------------|----------------------|------------|--------------------------|-------------|
| A                              | Michael Rovito, PhD<br>Public Health - Soc & Beh Sci                                  | Assoc Prof | Tenure          | Fall 2024                                 | 9                    | 0.75       | 0.25                     | 0.19        | 9                    | 0.75       | 0.13                     | 0.13        |
| A                              | Keith Brazendale, PhD<br>Ex Sci; Hlth Prom  | Asst Prof  | Tenure-earning  | Fall 2024                                 | 9                    | 0.75       | 0.13                     | 0.09        | 9                    | 0.75       | 0.25                     | 0.19        |
| A                              | Humberto Lopez Castillo, MD, PhD<br>Public Health - Behav Hlth                        | Asst Prof  | Tenure-earning  | Fall 2024                                 | 9                    | 0.75       | 0.13                     | 0.09        | 9                    | 0.75       | 0.13                     | 0.09        |
| A                              | Eunkyung Lee, PhD<br>Pub Hlth Sci - Epidemiology                                      | Asst Prof  | Tenure-earning  | Fall 2024                                 | 9                    | 0.75       | 0.13                     | 0.09        | 9                    | 0.75       | 0.13                     | 0.09        |
| A                              | Joy Scheidell, PhD<br>Epidemiology  | Asst Prof  | Tenure-earning  | Fall 2024                                 | 9                    | 0.75       | 0.13                     | 0.09        | 9                    | 0.75       | 0.00                     | 0.00        |
| A                              | Yen-Han Lee, PhD<br>Health Behavior   | Asst Prof  | Tenure-earning  | Fall 2024                                 | 9                    | 0.75       | 0.13                     | 0.09        | 9                    | 0.75       | 0.13                     | 0.09        |
| A                              | Shante Jeune, PhD, RDN<br>Dietetics & Nutrition                                       | Asst Prof  | Tenure-earning  | Fall 2024                                 | 9                    | 0.75       | 0.25                     | 0.19        | 9                    | 0.75       | 0.13                     | 0.09        |
| B                              | Faculty (vacant position), PhD<br>Health Sci (Hlth Beh/Comm)                          | Asst Prof  | Tenure-earning  | Fall 2024                                 | 9                    | 0.75       | 0.13                     | 0.09        | 9                    | 0.75       | 0.13                     | 0.09        |
| B                              | Faculty (vacant position), PhD<br>Health Sciences - (Health Ed)                       | Asst Prof  | Tenure-earning  | Fall 2025                                 | 0                    | 0.00       | 0.00                     | 0.00        | 9                    | 0.75       | 0.13                     | 0.09        |
| A                              | Cheryl Cavaliere, PhD, RDN<br>Gen Psy - Human Perf Psy                                | Lecturer   | MYA             | Fall 2024                                 | 9                    | 0.75       | 0.13                     | 0.09        | 9                    | 0.75       | 0.13                     | 0.09        |
| A                              | A'Naja Newsome, PhD, CEP<br>Interdisc Ed - Ex Sci & Pub Hlth                          | Lecturer   | MYA             | Fall 2024                                 | 9                    | 0.75       | 0.25                     | 0.19        | 9                    | 0.75       | 0.25                     | 0.19        |
| B                              | Faculty (vacant position), PhD<br>Health Sciences (Nutr Ed)                           | Lecturer   | MYA             | Fall 2025                                 | 0                    | 0.00       | 0.00                     | 0.00        | 9                    | 0.75       | 0.13                     | 0.09        |
| <b>Total Person-Years (PY)</b> |   |            |                 |   |                      |            |                          | <b>1.22</b> |                      |            |                          | <b>1.26</b> |

**APPENDIX A**  
**Table 2**  
**Anticipated Faculty Participation**

| Faculty Code              | Code Description                            | Source of Funding                   | PY Workload by Budget Classification |             |
|---------------------------|---|-------------------------------------|--------------------------------------|-------------|
|                           |   |                                     | Year 1                               | Year 5      |
| A                         | Existing faculty on a regular line          | Current Education & General Revenue | 1.121                                | 0.99        |
| B                         | New faculty to be hired on a vacant line    | Current Education & General Revenue | 0.095                                | 0.27        |
| C                         | New faculty to be hired on a new line       | New Education & General Revenue     | 0.00                                 | 0.00        |
| D                         | Existing faculty hired on contracts/grants  | Contracts/Grants                    | 0.00                                 | 0.00        |
| E                         | New faculty to be hired on contracts/grants | Contracts/Grants                    | 0.00                                 | 0.00        |
| F                         | Existing faculty on endowed lines           | Philanthropy & Endowments           | 0.00                                 | 0.00        |
| G                         | New faculty on endowed lines                | Philanthropy & Endowments           | 0.00                                 | 0.00        |
| H                         | regular/tenure-track line course load       | Enterprise Auxiliary Funds          | 0.00                                 | 0.00        |
| <b>Overall Totals for</b> |   |                                     | <b>1.22</b>                          | <b>1.26</b> |

**APPENDIX A**  
**TABLE 3A**  
**ENROLLMENT AND GROWTH**  
**PROJECTED COSTS AND FUNDING SOURCES**

| A   | B                              | C                              | D                          | E                              | F                               | G                               | H   | I                | J                              | K                                  | L                     | M                               | N                               | O   | P                |
|---|--------------------------------|--------------------------------|----------------------------|--------------------------------|---------------------------------|---------------------------------|---|------------------|--------------------------------|------------------------------------|-----------------------|---------------------------------|---------------------------------|---|------------------|
| Institutions should not edit the categories or budget lines in the table below. This table is specific to state-funded (E&G) programs, and institutions are expected to explain all costs and funding sources in Section VII.A. of the proposal. Detailed definitions for each funding category are located at the bottom of the table. |                                |                                |                            |                                |                                 |                                 |   |                  |                                |                                    |                       |                                 |                                 |   |                  |
| Budget Line Item  | Reallocated Base* (E&G) Year 1 | Enrollment Growth (E&G) Year 1 | New Recurring (E&G) Year 1 | New Non-Recurring (E&G) Year 1 | Contracts & Grants (C&G) Year 1 | Philanthropy/ Endowments Year 1 | Other Funding Year 1 - Please Explain in Section VII.A. of the Proposal | Subtotal Year 1  | Continuing Base** (E&G) Year 5 | New Enrollment Growth (E&G) Year 5 | Other*** (E&G) Year 5 | Contracts & Grants (C&G) Year 5 | Philanthropy/ Endowments Year 5 | Other Funding Year 5 - Please Explain in Section VII.A. of the Proposal | Subtotal Year 5  |
| Salaries and Benefits (Faculty)   | 178,181                        | 0                              | 0                          | 0                              | 0                               | 0                               | 0   | \$178,181        | 215,187                        | 0                                  | 0                     | 0                               | 0                               | 0   | \$215,187        |
| Salaries and Benefits (A&P and USPS)  | 0                              | 0                              | 0                          | 0                              | 0                               | 0                               | 0   | \$0              | 0                              | 0                                  | 0                     | 0                               | 0                               | 0   | \$0              |
| OPS (including assistantships & fellowships) including  | 59,640                         |                                | 0                          | 0                              | 0                               | 0                               | 0   | \$59,640         | 42,900                         | 0                                  | 0                     | 20,400                          | 0                               | 0   | \$63,300         |
| Programmatic Expenses****   | 5,500                          | 0                              | 0                          | 0                              | 0                               | 0                               | 0   | \$5,500          | 5,500                          | 0                                  | 0                     | 0                               | 0                               | 0   | \$5,500          |
| <b>Total Costs</b>  | <b>\$243,321</b>               | <b>\$0</b>                     | <b>\$0</b>                 | <b>\$0</b>                     | <b>\$0</b>                      | <b>\$0</b>                      | <b>\$0</b>  | <b>\$243,321</b> | <b>\$263,587</b>               | <b>\$0</b>                         | <b>\$0</b>            | <b>\$20,400</b>                 | <b>\$0</b>                      | <b>\$0</b>  | <b>\$283,987</b> |

\*Identify reallocation sources in Table 4.  
 \*\*Includes recurring E&G funded costs ("reallocated base," "enrollment growth," and "new recurring") from Years 1-4 that continue into Year 5.  
 \*\*\*Identify if non-recurring.  
 \*\*\*\*include library costs, expenses, OCO, special categories, etc.

**Faculty and Staff Summary**

| Total Positions        | Year 1 | Year 5 |
|------------------------|--------|--------|
| Faculty (person-years) | 1.22   | 1.26   |
| FTE (A&P and USPS)     | 0      | 0      |

**Calculated Cost per Student FTE**

|                    | Year 1    | Year 5    |
|--------------------|-----------|-----------|
| Total E&G Funding  | \$243,321 | \$263,587 |
| Annual Student FTE | 12        | 40.75     |
| E&G Cost per FTE   | \$ 20,277 | \$ 6,468  |

**Table 3 Column Explanations**

|                             |    |   |
|-----------------------------|----|---|
| Reallocated Base* (E&G)     | 1  | E&G funds that are already available in the university's budget and will be reallocated to support the new program. Please include these funds in the Table 4 – Anticipated reallocation of E&G funds and indicate their source.  |
| Enrollment Growth (E&G)     | 2  | Additional E&G funds allocated from the "Student and Other fees Tust Fund" contingent on enrollment increases.  |
| New Recurring (E&G)         | 3  | Recurring funds appropriated by the Legislature to support implementation of the program.   |
| New Non-Recurring (E&G)     | 4  | Non-recurring funds appropriated by the Legislature to support implementation of the program. Please provide an explanation of the source of these funds in the budget section (section VII.A.) of the proposal. These funds can include initial investments, such as infrastructure. |
| Contracts & Grants (C&G)    | 5  | Contracts and grants funding available for the program.   |
| Philanthropy Endowments     | 6  | Funds provided through the foundation or other Direct Support Organizations (DSO) to support the program.   |
| Continuing Base** (E&G)     | 7  | Includes the sum of columns 1, 2, and 3 over time.  |
| New Enrollment Growth (E&G) | 8  | See explanation provided for column 2.  |
| Other*** (E&G)              | 9  | These are specific funds provided by the Legislature to support implementation of the program.  |
| Contracts & Grants (C&G)    | 10 | See explanation provided for column 5.  |
| Philanthropy Endowments     | 11 | See explanation provided for column 6.  |
| Other Funding               | 12 | Any funding sources not already covered in any other column of the table. Please provide an explanation for any funds listed in these columns in the narrative for Section VII.A. of the proposal.  |

**APPENDIX A  
TABLE 3B  
CONTINUING EDUCATION, SELF-SUPPORTING  
AND MARKET RATE PROGRAM BUDGET**

Institutions may edit the table below as applicable to their specific program and circumstances. The general headings (in bold) should serve as a guide, but institutions may edit the information below the headings as needed or desired. Detailed definitions are located at the bottom of the table. The Description or Explanation column is optional and should not replace the narratives required in the new degree program proposal.

| Category  | Year 1        | Year 5        | Description or Explanation - If Needed |
|---|---------------|---------------|--|
| <b>Tuition</b>                                      |               |               |  |
| Program Tuition (Full Cost to the Student)          | \$0.00        | \$0.00        |  |
| Program Tuition (Per Credit Hour)                   | \$0.00        | \$0.00        |  |
| Headcount   | -             | -             |  |
| <b>Total Tuition Revenue</b>                        | \$0.00        | \$0.00        |  |
| <b>Faculty Salaries and Benefits</b>                |               |               |  |
| Faculty Salaries                                    | \$0.00        | \$0.00        |  |
| Program Director/Department Chair                   | \$0.00        | \$0.00        |  |
| <b>Total Faculty Salaries</b>                       | -             | -             |  |
| <b>Staff and Administrative Support</b>             |               |               |  |
| USPS Staff  | \$0.00        | \$0.00        |  |
| A&P Staff   | \$0.00        | \$0.00        |  |
| OPS Staff   | \$0.00        | \$0.00        |  |
| Assistantships and Fellowships                      | \$0.00        | \$0.00        |  |
| <b>Total Staff and Administrative Support Costs</b> | -             | -             |  |
| <b>Programmatic Expenses</b>                        |               |               |  |
| Equipment - Purchase and Servicing                  | \$0.00        | \$0.00        |  |
| Materials and Supplies                              | \$0.00        | \$0.00        |  |
| Other Programmatic Expenses - Please Explain        | \$0.00        | \$0.00        |  |
| <b>Total Programmatic Expenses</b>                  | -             | -             |  |
| <b>Overhead Costs</b>                               |               |               |  |
| <i>See definitions below</i>                        |               |               |  |
|   |               |               |  |
| <b>Total Overhead Costs</b>                         | \$ -          | \$ -          |  |
| <b>Total Program Costs</b>                          | <b>\$0.00</b> | <b>\$0.00</b> |  |

| Definitions                                   |  |
|---|--|
| <b>Faculty Salaries and Benefits</b>          | The total amount of faculty salaries and benefits that will be attributed to this program. Because the program is funded through an auxiliary budget source. A separate line was added to reflect the portion of the Program Director/Department Chair's salary and benefits that are funded through this program. Institutions may further edit the expenses as needed to reflect the unique nature of their program. |
| <b>Staff and Administrative Support Costs</b> | Includes all non-faculty personnel costs, including benefits, that will be directly and indirectly attributed to this program. Not all categories may be applicable to every program.  |
| <b>Programmatic Expenses</b>                  | Includes all non-personnel costs that will be directly and indirectly attributed to this program. Institutions may edit the categories in the template to best reflect the programmatic expenses for each program.   |
| <b>Overhead Costs</b>                         | Any institutional overhead costs associated with the program should be reflected in the table. This can include startup costs, program administration fees, or other fees not represented elsewhere in the table that are attributed to the program from other units within the institution.   |

## APPENDIX A

### TABLE 4

#### ANTICIPATED REALLOCATION OF EDUCATION GENERAL FUNDS\*

| Program and/or E&G account from which current funds will be reallocated during Year 1 | Base before reallocation | Amount to be reallocated | Base after reallocation |
|---|--------------------------|--------------------------|-------------------------|
| Health Sciences (11008)   | 2,575,282                | 243,321                  | \$2,331,961             |
|   | 0                        | 0                        | \$0                     |
|   | 0                        | 0                        | \$0                     |
|   | 0                        | 0                        | \$0                     |
|   | 0                        | 0                        | \$0                     |
|   | 0                        | 0                        | \$0                     |
|   | 0                        | 0                        | \$0                     |
|   | 0                        | 0                        | \$0                     |
| <b>Totals</b>   | \$2,575,282              | \$243,321                | \$2,331,961             |

\* If not reallocating E&G funds, please submit a zeroed Table 4

## Appendices B through H

### Not Included due to Lack of Applicability

- B. Consultant's Report and Institutional Response (Doctoral Only):** Not applicable as this proposal is for a master's degree program.
- C. Academic Learning Compacts (Bachelor's Only):** Not applicable because this proposal is for a master's degree program.
- D. Letters of Support or MOU from Other Academic Units:** Not applicable as we are not formally collaborating with academic units in the institution.
- E. Common Prerequisite Request Form (Bachelor's Only):** Not applicable because this proposal is for a master's degree program.
- F. Request for Exemption to the 120 Credit Hour Requirement (Bachelor's Only):** Not applicable because this proposal is for a master's degree program.
- G. Request for Specialized Admission Status (Bachelor's Only):** Not applicable because this proposal is for a master's degree program.
- H. Attestations for Self-Supporting and Market Tuition Rate Programs:** Not applicable because this proposal will not be a self-supporting or market tuition rate program.

## **Appendix I**

### **Faculty CV/Biographical Sketch**

Dr. Keith Brazendale – Assistant Professor - NIH Biosketch

Dr. Cheryl Cavaliere – Lecturer – CV

Dr. Shante Jeune – Assistant Professor – NIH Biosketch

Dr. Eunkyung Lee - Assistant Professor – NIH Biosketch

Dr. Yen-Han Lee - Assistant Professor – NIH Biosketch

Dr. Humberto Lopez Castillo - Assistant Professor – NIH Biosketch

Dr. A’Naja Newsome – Lecturer – CV

Dr. Michael Rovito - Associate Professor – NIH Biosketch

Dr. Joy Scheidell – Assistant Professor – NIH Biosketch

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Keith Brazendale

eRA COMMONS USER NAME (credential, e.g., agency login): KEITH2014

POSITION TITLE: Assistant Professor

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

| INSTITUTION AND LOCATION              | DEGREE<br><i>(if applicable)</i> | Completion Date<br>MM/YYYY | FIELD OF STUDY     |
|---------------------------------------|----------------------------------|----------------------------|--------------------|
| University of Edinburgh, Scotland, UK | BEd                              | 07/2009                    | Physical Education |
| Florida Atlantic University, FL       | MS                               | 08/2013                    | Exercise Science   |
| University of South Carolina, SC      | PhD                              | 08/2017                    | Exercise Science   |
| University of South Carolina, SC      | Postdoctoral Fellowship          | 12/2018                    | Public Health      |

**A. Personal Statement**

I have a background in childhood obesity, focusing on children’s obesogenic behaviors, such as physical activity, healthy eating, sleep and screen time during school and summer months. Over the past eight years I have worked on community-based health-focused research studies involving children in settings such as schools, afterschool programs, and summer day camps. Specifically, I worked on large-scale NIH funded projects investigating physical activity and healthy eating in afterschool programs (1R01HL112787, 1R01HD01942201) and summer day camps (1R01HD079372-01A1). Some of my responsibilities for these projects included delivering interventions to program staff, management of large data sets, developing and maintaining relationships with key community partners, co-managing a research team of undergraduate and hourly employees, processing and distilling large accelerometer-derived children’s physical activity data, and collecting weight-related outcomes.

In 2017 I developed the ‘Structured Days Hypothesis’, a scientific premise that has formed the foundation for several childhood-obesity-related primary data collection studies in elementary school-aged children here in the US. Since my training at the University of South Carolina, I have developed my skills and experience as an independent research and I have conducted my own independent studies on obesogenic behaviors (sleep, diet, physical activity, screen time) and health-related outcomes (BMI, cardio-respiratory fitness) during summer versus school months from a variety of diverse populations from low-income urban-dwelling children/families, rural-dwelling children, to children with developmental disabilities, such as Autism Spectrum Disorder (ASD).

Ongoing and recently completed projects that I would like to highlight include:

University of Central Florida Internal Grant 01/2022 to 07/2023  
 Academic Health Science Center/Genius Innovation Challenge  
 School versus Summer Weight-Gain and Health-related Behaviors in Youth with Autism Spectrum Disorder This 12-month longitudinal study will periodically assess weight-outcomes and health-related behaviors from a sample of youth with ASD.  
 Role: Principal Investigator

University of Central Florida Internal Grant 01/2020 to 12/2020



Center for Behavioral Health Research Training (CBHRT)

Investigating the role of 'structure' on rural children's sleep deficiencies

This pilot project is exploring rural children's sleep and sleep-related behaviors on days when they have more- versus less-structure.

Role: Principal Investigator

Healthy Weight Research Network (Garcia, Co-PI)

07/2019 to 06/2020

Development of a family-centered cooking class for adolescents with Autism Spectrum Disorder

This pilot project aimed to determine the feasibility and acceptability of a family-centered nutrition education intervention that includes cooking classes for 15 adolescents with ASD and their families.

Role: Co-Principal Investigator

## B. Positions and Honors

### Positions and Employment

|                |   |
|----------------|---|
| 2019 – Present | Assistant Professor, College of Health Professions & Sciences, University of Central Florida, Orlando, FL   |
| 2019           | Research Assistant Professor, Arnold School of Public Health, University of South Carolina, Columbia, SC  |
| 2017-2018      | Post-doctoral Fellow, Department of Exercise Science, Arnold School of Public Health, University of South Carolina, Columbia, SC                    |
| 2013-2017      | Graduate Research Assistant, Department of Exercise Science, Arnold School of Public Health, University of South Carolina, Columbia, SC             |
| 2011-2013      | Graduate Teaching Assistant, Department of Exercise Science and Health Promotion, College of Education, Florida Atlantic University, Boca Raton, FL |

### Honors

|      |  |
|------|--|
| 2023 | Health Sciences Early-Stage Innovative Mentor Award, Council on Undergraduate Research                                       |
| 2023 | Excellence in Undergraduate Teaching Award, College of Health Professions and Sciences (CHPS), University of Central Florida |
| 2016 | Breakthrough Graduate Scholar, Office of the Vice President for Research, University of South Carolina                       |

## C. Contributions to Science

1. My early publications explored testing methods designed to increase children's physical activity levels in pre-existing physical activity opportunities and understanding relationships between what children experienced during physical activity opportunities and how that impacted activity levels in other contexts. Further, as my experience grew working with objective devices for capturing children's physical activity, I was interested to explore how different methods chosen to distill the data could influence physical activity estimates.
  - a. **Brazendale, K.**, Beets, M.W., Weaver, R.G. et al. (2014) Wasting our time? Allocation versus accumulated physical activity in afterschool programs, *Journal of Physical Activity and Health*, 12(8), 1061-1065.
  - b. **Brazendale, K.**, Graves, B.S., Penhollow, T., et al. (2015) Children's enjoyment and perceived competence in physical education and its effects on their physical activity participation outside of school. *Report on Emotional & Behavioral Disorders in Youth*, Summer Issue, 65-69.
  - c. **Brazendale, K.**, Beets, M.W., Bornstein, D. et al. (2015) Equating accelerometer estimates among youth: the Rosetta Stone 2, *Journal of Science and Medicine in Sport*, 19(3), 242-249.
  - d. **Brazendale, K.**, Chandler J.L., Beets M.W. et al. (2015) Maximizing children's physical activity using the LET US Play principles, *Preventive Medicine*, 76, 14-19.
2. Following the work above, along with a team of collaborators I helped conceptualize and conduct a validation study to establish wrist-worn accelerometer cut-points for children, and collaborated with other independent

researchers to work on projects that looked at physical activity measurement across different populations. In addition, as the reach of our research continued to expand, we explored other innovative ways to 'keep a finger on the pulse' of how settings that care for children were performing in regard to healthy eating and physical activity.

- a. Chandler, J.L., **Brazendale, K.**, & Beets, M.W. (2015) Calibration and cross-validation of a wrist worn accelerometer for 8- to 12-year-old children, *Pediatric Obesity*, 11(2), 120-127.
  - b. **Brazendale, K.**, Beets, M. W., Weaver, R. G., Turner-McGrievy, B., Brazendale, A. B., Chandler, J. L., ... & Brownson, R. C. (2018). The application of mHealth to monitor implementation of best practices to support healthy eating and physical activity in afterschool programs. *Global health promotion*, 27(1), 33-40.
  - c. **Brazendale, K.**, Decker, L., Hunt, E. T., Perry, M. W., Brazendale, A. B., Weaver, R. G., & Beets, M. W. (2019). Validity and Wearability of Consumer-based Fitness Trackers in Free-living Children. *International journal of exercise science*, 12(5), 471.
  - d. Coelho, C.D., Ravagnani, F., **Brazendale, K.**, Weaver R.G., Beets, M.W. (2017) Moderate-to-Vigorous physical activity in preschool children: Applying the Rosetta Stone, *Journal of Science and Medicine in Sports*, 20(9), 849-855
3. Building upon the work above, our team conceptualized and delivered several large-scale interventions to train afterschool and summer day camp staff in behaviors that maximize children's physical activity and healthy eating behaviors while in their care.
- a. **Brazendale, K.**, Beets, M.W., Weaver R.G., Chandler, J.L., Randel, A.B., Turner-McGrievy G.M., Moore, J.B., Huberty, J.L., & Ward, D.S. (2017) Children's moderate-to-vigorous physical activity attending summer day camps, *American Journal of Preventive Medicine*, 53(1), 78-84
  - b. Weaver, R. G., **Brazendale, K.**, Chandler, J. L., Turner-McGrievy, G. M., Moore, J. B., Huberty, J. L., ... & Beets, M. W. (2017). First year physical activity findings from turn up the HEAT (Healthy Eating and Activity Time) in summer day camps. *PloS one*, 12(3).
  - c. Chandler, J. L., **Brazendale, K.**, Drenowatz, C., Moore, J. B., Sui, X., Weaver, R. G., & Beets, M. W. (2019). Structure of Physical Activity Opportunities Contribution to Children's Physical Activity Levels in After-School Programs. *Journal of Physical Activity and Health*, 16(7), 512-517.
  - d. **Brazendale, K.**, Beets, M. W., Weaver, R. G., Turner-McGrievy, G. M., Moore, J. B., Huberty, J. L., & Ward, D. S. (2020). Turn up the Healthy Eating and Activity Time (HEAT): Physical activity outcomes from a 4-year non-randomized controlled trial in summer day camps. *Preventive Medicine Reports*, 101053.
4. Further, our research team expanded our areas of interest to explore a scientific premise I developed; the 'Structured Days Hypothesis'. Several primary and secondary data collection studies have been conducted exploring children's obesogenic behaviors during structured versus less-structured times of the year.
- a. **Brazendale, K.**, Beets, M.W., Weaver, R.G., Pate, R.R., Turner-McGrievy, G., Kaczynski, A.T., Chandler, J.C., & Bohnert, A., & von Hippel P. (2017) Understanding differences between summer vs. school obesogenic behaviors of children: The Structured Days Hypothesis, *International Journal of Behavioral Nutrition and Physical Activity*, 14(1), 100
  - b. **Brazendale, K.**, Beets, M. W., Armstrong, B., Weaver, R. G., Hunt, E. T., Pate, R. R., ... & International Children's Accelerometry Database (ICAD) Collaborators (2021). Children's moderate-to-vigorous physical activity on weekdays versus weekend days: a multi-country analysis. *International Journal of Behavioral Nutrition and Physical Activity*, 18, 1-13.
  - c. **Brazendale, K.**, Rayan, S., Eisenstein, D., Blankenship, M., Rey, A., Garcia, J., Odahowski, C.L. and Leon, A. (2021). Obesogenic Behaviors of Rural Children on School and Nonschool Days. *Childhood Obesity*.

- d. **Brazendale, K.**, Gurnurkar, S., Hunt, E. T., Burkart, S., Armstrong, B., Weaver, R. G., ... & McClean, C. (2022). Free Summer Day Camp to Address Childhood Obesity: Is There Demand? *Childhood Obesity*.

**Complete List of Published Work:**

<https://www.ncbi.nlm.nih.gov/pubmed/?term=Brazendale+K>

**CHERYL CAVALIERE PHD, MS, RDN, LDN**  
**LECTURER: NUTRITION**

cheryl.cavaliere@ucf.edu  
cherylcavaliere@yahoo.com

**EDUCATION**

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|            |  |               |
|------------|--|---------------|
| <b>PhD</b> | Grand Canyon University, Phoenix, AZ<br>General Psychology: Human Performance Psychology<br>Graduated with Highest Distinction<br>Alpha Chi National Honor Society | October 2018  |
| <b>MS</b>  | The University of Alabama, Tuscaloosa, AL<br>Human Environmental Sciences: Human Nutrition<br>Summa Cum Laude  | December 2010 |
| <b>BS</b>  | Life University, Marietta, GA<br>Nutrition of Dietetics<br>Summa Cum Laude   | June 2008     |
| <b>BS</b>  | Florida Atlantic University, Boca Raton, FL<br>Biological Sciences: Ecology<br>Phi Theta Kappa Honor Society   | August 2005   |

**ACADEMIC AND PROFESSIONAL HONORS, AWARDS, AND CERTIFICATIONS**

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|   |                  |
|---|------------------|
| <b>High Quality Badge for Online Courses, UCF</b><br>Badge designates high quality course development and delivery.   | 2023-Present     |
| <b>Quality Designation Badge, UCF</b><br>Online Course Badge designates quality online course development and delivery.   | 2021-2023        |
| <b>AIM High Certificate, UCF</b><br>Making instructional materials affordable   | 2021, 2022, 2023 |
| <b>Plant-Based Nutrition Certificate</b><br>T. Colin Campbell Center for Nutrition Studies and eCornell   | 2020             |
| <b>Graduated with Highest Distinction</b><br>Grand Canyon University, College of Doctoral Studies   | 2018             |
| <b>Inducted into Alpha Chi National Honor Society</b><br>Grand Canyon University, College of Doctoral Studies   | 2017             |
| <b>Registered Dietitian of the Year</b><br>Cobb & Douglas Public Health: Awarded for consistent client centered counseling, willingness to take on new challenges and projects, and excellent knowledge of nutrition. | 2010             |

|   |             |
|---|-------------|
| <b>Graduated Summa Cum Laude</b><br>University of Alabama, College of Human Environmental Sciences  | 2010        |
| <b>Life University Presidential Leadership Institute Award</b><br>Life University: Awarded only to some students that were hand selected by the university president to represent the university in a Washington D.C. lobbying experience related to preventative health care and insurance issues. Selected students attended a lobbying conference, were taught how to lobby, and lobbied for concerns by making appointments and speaking face to face with state representatives. | 2008        |
| <b>Certificate of Merit: Communication and Relationship Theory</b><br>Life University: Award bestowed to only one graduating student who exemplified the capacity for building relationships with others, demonstrating intrapersonal skills, and empathy for others.   | 2008        |
| <b>Graduated Summa Cum Laude</b><br>Life University   | 2008        |
| <b>Dean's Honor List</b><br>Life University   | 2007 - 2008 |
| <b>American Dietetic Association Student Liaison</b><br>Awarded by Academy of Nutrition and Dietetics to one student to serve a 1-year term at an affiliated college campus club. The student serves as the point of reference for all Academy student initiatives and other student related messages.  | 2007 - 2008 |
| <b>Nutrition Club President</b><br>Life University  | 2006 - 2007 |

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**RESEARCH EXPERIENCE**

|   |              |
|---|--------------|
| <b>Dissertation</b> , Grand Canyon University, Phoenix, AZ<br>Chair: Dr. William Martin Ed.D.   | 2016-2018    |
| <ul style="list-style-type: none"> <li>• Completed an observational study utilizing psychometric instruments to measure the level of aspects of impulsivity in relation to levels of emotion and stress-related eating behavior in college students.</li> <li>• Worked independently to research, plan, develop, and execute the research project under the advisement of the doctoral committee.</li> <li>• Worked in collaboration with UCF to implement and conduct the research project. Submitted a research proposal and received approval through both UCF and GCU IRBs.</li> <li>• Utilized SPSS to perform the data analysis</li> <li>• Received necessary certifications through CERT/CITI to conduct ethical research</li> </ul> |              |
| <b>Cobb &amp; Douglas Public Health</b> , Marietta, GA<br><b>Breastfeeding Statistics Collection &amp; Data Analysis</b>  | 2011 to 2012 |
| <ul style="list-style-type: none"> <li>• Collected demographic, health behavior, breastfeeding, and nutrition data on the local community for the state of Georgia Women, Infants, and Children (WIC) program.</li> <li>• Analyzed data (utilizing government analysis programs) and compiled data into reports presented to the health department and the state of Georgia.</li> </ul>   |              |

**Life University**, Marietta, GA

2007 to 2009

**Undergraduate Research & Dietetic Internship Research**

Advisor: Dr. Wilfred Turnbull, PhD

- Was enrolled in an independent research course as a senior undergraduate.
- Investigated the relationship between eating behaviors (vegetarian and omnivore) and risk factors for heart disease using anthropometric data in college students.
- Researched, wrote, and submitted a proposal to the institution IRB- Experimental Study
- Upon research approval, independently collected anthropometric data (height, weight, blood pressure, waist circumference, and body composition using bioelectrical impedance) on 30 study participants.
- Continued this research after graduation and during the dietetic internship program at the university for a period of 3-months.

**TEACHING & MENTORING**

---

**University of Central Florida**, Orlando, FL

August 7, 2022 – Present

Lecturer: College of Health Sciences

- Full-Time, 9-month position
- Teaching 2 Classes, 4 sections (on campus and online): *The Fundamentals of Human Nutrition* and the Senior Capstone High Impact Practice Course: *Health Sciences Seminar*
- Mentoring students weekly

**Valencia College**, Orlando, FL

**Visiting Professor:** Nutrition

August 17, 2021 – May 2, 2022

- Full-Time, 8-month position
- Teaching 6 classes, 2 on campus face-to-face classes per week, and 4 online courses in nutrition. Courses include: *Essentials of Nutrition with Diet Therapy* (Clinical Class); *The Science of Nutrition*, *The Basics of Personal Nutrition*.
- Mentoring and advising hours required weekly

**University of Central Florida**, Orlando, FL

June 2013 to August 2022

**Adjunct Instructor: Nutrition**, Department of Health Sciences

- Teaching the *Fundamentals of Human Nutrition*, an online undergraduate course averaging 150 students per section (300 per semester). (Basic nutrition science course).
- Created the online course and course shell from scratch. Developed quizzes, exams, homework, online discussions, and a course project.
- Actively engage with students online through email, Zoom Conference calls, the course Chat room, and online discussions.
- Consistently and promptly grade assignments and provide constructive feedback to students.
- Provided a nutrition presentation for students organized by the UCF student government association.
- Completed ADL Online Course Development training
- Completed UCF Adjunct Cohort Course

**Valencia College**, Orlando, FL

July 2013 to August 17, 2021

**Part-time Associate Faculty**, Nutrition

- Teaching the *Basics of Personal Nutrition* (Basic science and personal health class)
- Teaching the *Essentials of Nutrition with Diet Therapy* (Clinical class)

- Other classes taught: *Nutrition for Fitness* (Sport, fitness, and nutrition course) and *Diet Therapy for the Health Care Professional* (Clinical class).
- Have taught these classes face to face and online.
- Created the online course layout and objectives. Developed quizzes, exams, homework, online discussions, and a course project.
- Actively engage with students online through email, Zoom Conference calls, the course Chat room, and online discussions.
- The face to face class requires direct interaction with students, real-time lectures, real-time discussions and group collaborations.
- Provided outreach nutrition presentation to local area YMCA for the college
- Participates in a minimum of 20 hours of continuing education in teaching in learning annually to maintain *Associate Faculty* credential/standing
- Earned the 20-hour *Online Professor* certification
- Certified as a ROC Peer-Reviewer

## **PUBLICATIONS**

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### ***Dissertation***

Cavaliere, C. A. (2018). The relationship between aspects of impulsivity and emotion and stress-related eating behavior in college students (Order No. 10934947). *ProQuest Dissertations & Theses Global*. (2117546520).

## **EDITOR AND CHAPTER AUTHOR**

---

### ***Editor and Chapter Author of Online Textbook for Valencia College (2021)***

Bartholomew, K., & Engel, A. (2021). *HUN2202 essentials of nutrition with diet therapy*. (C. Cavaliere & I. Trautwein, Eds.) [SoftChalk].

Cavaliere, C.A. (2021). *Plant-based Diets*. [SoftChalk].

## **MEDIA INTERVIEWS**

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### ***Published***

Cavaliere, C. A. (2023, April 4). Fruit and veggies: The sweet spot of serving size [Video]. YouTube. [https://www.youtube.com/watch?v=8u32SYii\\_1c](https://www.youtube.com/watch?v=8u32SYii_1c)

Cavaliere, C. A. (2023, April 1). Greens gone bad: The dark side of drinking veggies [Video]. YouTube. <https://www.youtube.com/watch?v=4soOL42Lw14>

## **SPECIAL ACADEMIC PROJECTS & COMMITTEES**

---

### ***Curriculum Committee (2022-2023)***

Serving as a member of committee for the Department of Health Sciences to establish curriculum standards and opportunities for Health Sciences students.

### ***Search Committee (2022-2023)***

Serving as a member of the search committee for the Department of Health Sciences to review candidates for the position of Instructor/Lecturer

***ROC-Peer Reviewer (2021)***

Served as a reviewer for online competencies of another faculty's online course. Served on the committee and provided feedback to faculty member to meet online course delivery standards.

***Valencia College Scholarship Committee (2021)***

Served on the scholarship committee to select student candidates for various scholarships at the college.

**STUDENT THESIS COMMITTEES**

---

***Content Expert for Honors Undergraduate Thesis Research, UCF (2022-Present)***

Student: Nii Netey Badoo

Project Title: How Calorie Restriction and Fasting Support Cancer Treatment

Research: Systematic Review

***Content Expert for Honors Undergraduate Thesis Research UCF (2019-2020)***

Student: William Johnson

Project Title: Variations in Diet Quality among Undergraduate Students

Research: Observational: Survey analysis of college students

**PROFESSIONAL EXPERIENCE**

---

**Breastfeeding Coordinator & Nutrition Manager**

December 2011 – June 2012

Cobb & Douglas Public Health, Marietta, GA

- Developed and implemented state funded nutrition policies and procedures for health department clients, patients, and staff
- Managed a government funded budget for breastfeeding, nutritional supplies and education materials
- Managed ongoing nutrition and breastfeeding research in special populations, and reported to the State of Georgia
- Conducted ongoing nutritional and breastfeeding needs analyses for community populations
- Managed other Registered Dietitians and served as liaison between physicians and other health care staff
- Managed schedules and salaries
- Responsible for training new nutrition and breastfeeding staff
- Developed and taught breastfeeding classes and provided one-on-one breastfeeding support to new moms

**Clinical Nutritionist**

August 2008 – November 2011

Cobb & Douglas Public Health, Marietta, GA

- Developed nutrition education materials and presentations for low-medical literacy clientele
- Taught nutrition education classes performed healthy cooking demonstrations
- Taught breastfeeding classes and provided breastfeeding support to new moms



- Clinically assessed individuals for nutritional risk and developed appropriate individualized nutrition care plans
- Served as lead nutritionist in the clinic
- Developed and provided continuing education presentations for other health professionals in the health department
- Provided outreach presentations for local medical clinics
- Served as trainer for new staff
- Served as auditor of nutrition staff documentation

**Dietetic Internship**

September 2008 – June 2009

Life University, Marietta-Atlanta, GA

- 1200 Hours of Clinical and Didactic Work and Three Special Projects Listed Below:
- Political: Health Care Policy (Washington D.C. lobbying experience- open only to Life University Presidential Leadership Award Recipients)
- Professional: Performed menu development and nutrition analysis for a major cooperate Food distributor (5 interns selected for this opportunity)
- Research: (Independent experimental research project not required or performed by other interns) (Life University)

**PROFESSIONAL AFFILIATIONS**

---

Member of American Academy of Nutrition and Dietetics  
 Member of the Florida Academy of Nutrition and Dietetics  
 Member of the Central Florida Academy of Nutrition and Dietetics  
 Member of Vegetarian Dietetic Practice Group  
 Member of Sports & Human Performance Dietetic Practice Group  
 Doctoral Member of The American College of Lifestyle Medicine  
 Member of The Physicians Committee for Responsible Medicine

**PROFESSIONAL CERTIFICATIONS & LICENSURE**

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|   |              |
|---|--------------|
| Registered Dietitian Nutritionist (RDN)                                     | From 2009    |
| Florida Licensed Dietitian Nutritionist (LDN)                               | From 2012    |
| Associate Faculty Certificate, Valencia College                             | From 2015    |
| Plant-Based Nutrition Certificate   | 2020         |
| Certificate of Training in Vegetarian Nutrition                             | 2019         |
| Digital Professor Certificate, Valencia College                             | 2018         |
| Certified Lactation Counselor   | 2012 to 2018 |
| Certificate of Training in Nutrition for Infants, Children, and Adolescents | 2010         |
| Georgia Licensed Dietitian (LD)   | 2009 to 2013 |

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## BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

---

NAME: Shanté Jeune

---

eRA COMMONS USER NAME (credential, e.g., agency login):

---

POSITION TITLE: Assistant Professor

---

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

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| INSTITUTION AND LOCATION             | DEGREE<br>(if applicable) | Completion Date<br>MM/YYYY | FIELD OF STUDY        |
|--------------------------------------|---------------------------|----------------------------|-----------------------|
| University of South Florida, FL      | BS                        | 05/2013                    | Health Sciences       |
| Florida International University, FL | MS                        | 07/2018                    | Dietetics & Nutrition |
| Florida International University, FL | PhD                       | 08/2022                    | Dietetics & Nutrition |

### A. Personal Statement

My research focuses on studying ways to improve health and nutrition outcomes among underrepresented children, adolescents, and young adults through nutrition education. Over the last 8 years, I gained experience working in community settings such as schools, after-school programs, summer camps and neighborhood community areas. My past research focused on increasing fruit and vegetable knowledge and intake among predominantly Black adolescents using an urban vegetable garden as an intervention. Recently, I have served as a lead external evaluator for a national non-profit organization, Common Threads. With funding contributions from SNAP-ED, Common Thread's mission is to provide low-income children and families with cooking and nutrition education to enhance healthy cooking and healthy eating. I have also conducted a USDA-funded nutrition education research intervention with Hispanic families to study parent-child interactions in this population during mealtimes. I have also had the opportunity to implement and analyze nutrient data from a NIH-funded observational study assessing the self-regulation of elementary school students.

Ongoing and recently completed projects that I would like to highlight include:

CRUSADA Supplemental Pilot Studies Program Coccia (PI) 2020-2021  
*Examining the role of the COVID-19 crisis on family resiliency factors, family health behaviors and mental/physical health outcomes in Latino families with a child with or without ADHD.* The purpose of this project was to examine the effects of the COVID-19 pandemic on families recruited as part of a parent study on self-regulation of eating behaviors at multiple time points during the COVID-19 pandemic.  
Role: Lead Research Coordinator

NIH R01DK119814 Graziano & Dick (co-PIs) 2018-2023  
*Predicting early childhood obesogenic mechanisms: The role of self-regulation and the caregiving environment.* The purpose of this project is to examine the role of self-regulation among children with self-regulatory issues compared to a control group.  
Role: Graduate Research Assistant

Common Threads, Digital Research Strategy Contract Award Coccia (PI) 2021  
The purpose of this award was to develop a digital plan for the evaluation of Common Threads (a national organization that provides nutrition education to underserved populations) nutrition education programming as they pivoted in response to the COVID-19 pandemic.  
Role: Lead External Evaluator

*Family Nutrition Ecosystem Intervention to Prevent Childhood Overweight/Obesity.* The aim of this project is to develop and examine a family-focused nutrition ecosystem intervention that leverages parents as agents of change to improve children's diet behaviors and minimize risks for child obesity.

Role: Lead Research Coordinator

#### Citations:

1. Vitale, N., **Jeune, S.**, Mujica, A., Dick, A., Graziano, P., & Coccia, C. (2022). Predictors of Change in Dietary Quality of Latinx Families During The COVID-19 Pandemic. *Journal of the Academy of Nutrition and Dietetics*, 122(9), A65.
2. Coccia, C., **Jeune, S.**, Lovan, P., Dick, A., & Graziano, P. (2021). Family Food Insecurity and Child Nutrition During COVID-19: Examining Latino Families' Response to the Pandemic. *Journal of the Academy of Nutrition and Dietetics*, A90.
3. **Jeune, S.**, Dick, A., Graziano, P., & Coccia, C. (2021). The Comparison of Healthy Eating Index Scores Between Elementary School Children with and without Attention-Deficit/Hyperactivity Disorder. *Journal of the Academy of Nutrition and Dietetics*, 121(9), A33.
4. **Jeune, S.**, Hamil, C., Frazier, S., & Coccia, C. (2020). The Family Meal Project: Assessing the Relationship Between Family Priorities and Routines to Their Child's Eating Preferences. *Journal of Nutrition Education and Behavior*, 52(7), S66.

## B. Positions and Honors

### Positions and Employment

|                |   |
|----------------|---|
| 2018 – 2021    | Graduate Research Assistant, Department of Dietetics & Nutrition, Stempel College of Public Health & Social Work, Florida International University, Miami, FL |
| 2021 – 2022    | Graduate Teaching Assistant, Department of Dietetics & Nutrition, Stempel College of Public Health & Social Work, Florida International University, Miami, FL |
| 2022 – Present | Assistant Professor, College of Health Professions & Sciences, University of Central Florida, Orlando, FL   |

### Honors

|             |   |
|-------------|---|
| 2018        | Path Merit Scholarship  |
| 2018 – 2022 | McKnight Doctoral Fellow, McKnight Doctoral Fellowships, Florida Education Fund |
| 2022        | Dean's Academic Excellence Award  |

### Memberships in Professional Societies

|                |   |
|----------------|---|
| 2016 – Present | Member, Academy of Nutrition and Dietetics                            |
| 2020 – 2021    | Membership Co-chair, South Florida Academy of Nutrition and Dietetics |
| 2022 – Present | Member, Society for Nutrition Education and Behavior                  |

## C. Contributions to Science

My early work was focused on community nutrition education interventions within underrepresented minority communities. The primary goal was to address health concerns such as hypertension, cardiovascular disease, and obesity in at-risk populations. My research team used theory-based intervention methods to develop effective behavior change and reduce the health risks in Black and Hispanic communities.

- a. **Earle (Jeune), S.C.**, Matthyse, A., Alsaffi, A., Lara, G.C., Coccia, C. (2018). Year 2 of The Urban Vegetable Project: Increasing Nutrition Knowledge, Fruit and Vegetable Intake and Physical Activity in Adolescents Pilot Study. . *Journal of the Academy of Nutrition and Dietetics*, 117(9),A67.
- b. **Jeune, S.**, Hamil, C., Frazier, S., & Coccia, C. (2020). P106 The Family Meal Project: Assessing the Relationship Between Family Priorities and Routines to Their Child's Eating Preferences. *Journal of Nutrition Education and Behavior*, 52(7), S66.
- c. Rivera, C., **Jeune, S.**, Frazier, S., & Coccia, C. (2020). The Family Meal Project: Assessing the Relationship between Healthy Food Consumption and School Lunch Intake in Elementary School Children. *Journal of the Academy of Nutrition and Dietetics*, 120(9), A55.

My current work is centered on examining the influences of dietary quality on health indicators such as food insecurity, mental health, and eating behaviors in various populations. I have investigated the role of dietary quality in children and young adults using the USDA's Health Eating Index scoring in accordance with 2015-2020 Dietary Guidelines for Americans.

- a. **Jeune, S.**, & Coccia, C. (2022). The Healthy Eating Index and its' Association Between Mental Health and Eating Behaviors in College Students. *Journal of the Academy of Nutrition and Dietetics*, 122(9), A27.
- b. Vitale, N., **Jeune, S.**, Mujica, A., Dick, A., Graziano, P., & Coccia, C. (2022). Predictors of Change in Dietary Quality of Latinx Families During The COVID-19 Pandemic. *Journal of the Academy of Nutrition and Dietetics*, 122(9), A65..
- c. Coccia, C., **Jeune, S.**, Lovan, P., Dick, A., & Graziano, P. (2021). Family Food Insecurity and Child Nutrition During COVID-19: Examining Latino Families' Response to the Pandemic. *Journal of the Academy of Nutrition and Dietetics*, A90.
- d. **Jeune, S.**, Dick, A., Graziano, P., & Coccia, C. (2021). The Comparison of Healthy Eating Index Scores Between Elementary School Children with and without Attention-Deficit/Hyperactivity Disorder. *Journal of the Academy of Nutrition and Dietetics*, 121(9), A33.

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Eunkyung Lee

eRA COMMONS USER NAME (credential, e.g., agency login): ELEE12

POSITION TITLE: Assistant Professor of Health Sciences

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

| INSTITUTION AND LOCATION                      | DEGREE<br>(if applicable) | Completion Date<br>MM/YYYY<br>Y | FIELD OF STUDY                |
|---|---------------------------|---------------------------------|-------------------------------|
| Seoul National University, Seoul, South Korea | BS                        | 02/1992                         | Food Science and Nutrition    |
| Seoul National University, Seoul, South Korea | MS                        | 02/1994                         | Food Science                  |
| University of Kentucky, Lexington, KY         | MS                        | 12/2010                         | Human Nutrition and Dietetics |
| University of Kentucky, Lexington, KY         |                           | 12/2011                         | Biostatistics                 |
| University of Miami, Miami, FL                | PhD                       | 05/2017                         | Cancer Epidemiology           |

**A. Personal Statement**

I am a cancer epidemiologist who has training in epidemiologic study design and health disparities. My dissertation work demonstrated the disparities in quality of life after radiation treatment. We found that women who were underserved minorities (i.e., African American and Hispanic women were more likely to develop adverse responses with treatment.

At the University of Central Florida, I devote my research to improving quality of life among underserved minority breast cancer survivors. I am continuing my research using the clinical data to identify molecular/genetic markers associated with this observed disparity. As a PI on the funded project, I obtained the SEER-MHOS database, which is the NCI-launched national cancer registry data linked to Medicare Health Outcomes Survey, to extend my understanding of the long-term quality of life among breast cancer survivors after radiation treatment, and we I found that Hispanic breast cancer survivors had lower quality of life. However, this dataset is limited to older women (age  $\geq 65$ ), and data from Floridians are not available because the Florida is not a part of the SEER cancer registry. Florida statewide cancer registry (FCDS) does collect cancer-related information but does not intend to collect patient-reported outcomes data. Therefore, I will examine disparity of quality of life and its associated factors among Hispanic breast cancer survivors living in Central Florida leveraging the FCDS patient recruitment procedure. This study will help understand the differences in quality of life among Hispanic women and identify at-risk subpopulations for intervention.

My secondary research focuses on lifestyle factors and interventions influencing health outcomes. I examine dietary patterns and their effects on health outcomes using the National Health and Nutrition Examination Survey (NHANES) database to support evidence-based practices in healthcare services. I further developed my analytical skills in systematic reviews and meta-analyses by taking courses offered by Columbia University and examine how dietary patterns influence cancer outcomes among cancer survivors.

Ongoing and recently completed projects that I would like to highlight include:

Florida Breast Cancer Foundation Scientific Research Grants

Lee (PI)

Mediators of Disparity of Quality of Life in Hispanic Breast Cancer Survivors

7/1/2023 – 6/30/2023

UCF Seed Funding Program

Lee (PI)

1/6/22 - 1/5/24

Understanding the disparities of quality of life among Hispanic breast cancer survivors in Florida

Florida Department of Health

Khaled (PI), Role: Co-PI

6/22/2021 - 9/30/2022

Evaluating Chaperonin-containing TCP1 for screening of pediatric cancers

#### Citations:

1. **Lee, E**, Hines, RB, Zhu, J, Nam, E, Rovito, MJ. (2023) Racial and ethnic variations in pre-diagnosis comorbidity burden and health-related quality of life among older women with breast cancer. *Journal of Racial Ethnic Health Disparities*. Advance online publication. Doi: 10.1007/s40615-023-01634-1.
2. **Lee E**, Rupesh S, Ferdowsi K, Hines R, Loerzel V. (2022, December) *Health-related quality of life trajectories and predictors among older breast cancer survivors: A SEER-MHOS analysis*. San Antonio Breast Cancer Symposium, San Antonio, TX.
3. **Lee E**, Hines RB, Wright JL, Nam E, Rovito MJ, Liu X. (2020) Effects of Radiotherapy and Comorbidity on Health-Related Quality of Life and Mortality among Older Women with Low-Risk Breast Cancer: Protocol for a Retrospective Cohort Study. *JMIR Research Protocols* 9(11):e18056. doi: 10.2196/18056 PMID: 33090111 PMCID: 7691089.
4. **Lee E**, Snyder S, Hu JJ. In Wright JL (Ed.). (2019) Pain associated with radiation treatment for breast cancer. *Toxicities of radiation treatment for breast cancer: Risks and management strategies*. ISBN: 978-3-030-11619-4, Springer Nature.

## B. Positions, Scientific Appointments and Honors

### Positions and Scientific Appointments

2017-present **Assistant Professor**, University of Central Florida, Health Sciences, Orlando, FL

2017-present Member, Society for Epidemiologic Research

2014-present Member, American Association for Cancer Research

2012-2017 Research Fellow, University of Miami, Public Health Sciences, Miami, FL

2010-2011 Graduate research assistant/ Data analyst, University of Kentucky, Department of Biostatistics, Lexington, KY

### Honors

2023 High Impact Practice Advocate Award, University of Central Florida

2023 Research Incentive Award, University of Central Florida

2022 Minority and Minority-Serving Institutions Faculty Scholar in Cancer Research Award, American Association for Cancer Research

2022 Teaching Incentive Program Award for teaching excellence and productivity, University of Central Florida

2021 Excellence in Undergraduate Teaching Award, College of Health Professions and Sciences (CHPS), University of Central Florida

2019 Research Mentoring Award (with Dr. Loerzel), Office of Research, University of Central Florida

2016 Summer Short Courses on Statistics Fellowship Award, University of Alabama at Birmingham

2016 Women in Cancer Research Scholar Award, American Association for Cancer Research

2013-2015 Pre-Doctoral Fellowship Award, Sheila and Fuente Neuropathic Pain Research Program, University of Miami

## C. Contributions to Science

1. **Molecular/genomic biomarkers of cancer risk and treatment outcomes.** I investigated potential molecular/genomic biomarkers of cancer risk and prognosis among breast cancer patients undergoing radiotherapy. We reported that radiotherapy-related pain was associated with inflammatory biomarker, C-reactive protein, along with obesity and genes in the glucuronidation pathways using genome-wide association study, gene-based analysis, and pathway analysis. The pathway-based analysis is an innovative way of improving and overcoming the limitations of the relatively small size of a genetic study to identify potential causal biological functions. Also, we showed gene-diet interaction in the polygenic prediction model for the risk of triple-negative breast cancer. Our team also reported that somatic mutation profiling was significantly differentiated by survival status in head and neck cancer, and NOTCH1 and TP53 can have clinical impact to improve their survival.
  - a. **Lee E**, Eum SY, Slifer SH, Martin ER, Takita C, Wright JL, Hines, RB, Hu JJ. (2020) Association between polymorphisms in DNA damage repair genes and radiation therapy-induced early adverse skin reactions in a breast cancer population: A polygenic risk score approach. *International Journal of Radiation Oncology Biology Physics*. April 1, 2020, 106:5:948-957. PMID: 32007367
  - b. **Lee E**, Nelson OL, Puyana C, Wright JL, Takita C, Zhao W, Reis IM, Lin RS, Hlaing WM, Hu JJ. (2019) Association between C-reactive protein and radiotherapy-related pain in a tri-racial/ethnic population of breast cancer patients: a prospective cohort study. *Breast Cancer Research*, 21(1):70. PMID: PMC6537305.
  - c. **Lee E**, Takita C, Slifer SH, Martin ER, Wright JL, Hu JJ. (2019) Genome-wide enriched pathway analysis of acute post-radiotherapy pain in breast cancer patients. *Human Genomics*, 13(1):28. PMID: PMC6567461
  - d. Cox, A., Nierenberg, D., Camargo, O., **Lee, E.**, Khaled, A. S., Mazar, J., Boohaker, R. J., Westmoreland, T. J., & Khaled, A. R. (2022). Chaperonin containing TCP-1 (CCT/TRiC) is a novel therapeutic and diagnostic target for neuroblastoma. *Frontiers in Oncology*, 12, 975088. PMID: 36185250.
2. **Epidemiology of radiotherapy-induced normal tissue toxicity.** I also characterized normal tissue toxicity among breast cancer patients undergoing radiotherapy. This research examined the prevalence of the radiotherapy-related adverse responses focusing on skin toxicity and pain and identified the associated risk factors for them. We demonstrated that underserved minority women (i.e., African American and Hispanic) had worse treatment responses.
  - a. **Lee E**, Snyder S, Hu JJ. In Wright JL (Ed.). (2019) Pain associated with radiation treatment for breast cancer. *Toxicities of radiation treatment for breast cancer: Risks and management strategies*. ISBN: 978-3-030-11619-4, Springer Nature.
  - b. **Lee E**, Takita C, Wright JL, Reis IM, Zhao W, Nelson OL, Hu JJ. (2016) Characterization of risk factors for adjuvant radiotherapy-associated pain in a tri-racial/ethnic breast cancer population. *Pain*, 157(5):1122-31. PMID: PMC4833552.
  - c. Wright JL, Takita C, Reis IM, Zhao W, **Lee E**, Nelson OL, Hu JJ. (2016) Prospective evaluation of radiation-induced skin toxicity in a race/ethnically diverse breast cancer population. *Cancer Medicine*, 5(3):454-64. PMID: PMC4799959.
  - d. Wright JL, Takita C, Reis IM, Zhao W, **Lee E**, Hu JJ. (2014) Racial variations in radiation-induced skin toxicity severity: data from a prospective cohort receiving postmastectomy radiation. *International Journal of Radiation Oncology Biology Physics*, 90(2):335-43.
3. **Comparative effective study using national or state cancer registry data:** I have used the Surveillance, Epidemiology, and End Results (SEER), and Florida Cancer Registry data to examine the effects of different treatments on patient's survival and quality of life. We used the propensity score-derived inverse probability of treatment weighting in the statistical model to balance covariates between the comparison groups to overcome the limitations of a retrospective study with cancer registry data.
  - a. **Lee, E**, Hines, RB, Zhu, J, Nam, E, Rovito, MJ. (2023) Racial and ethnic variations in pre-diagnosis comorbidity burden and health-related quality of life among older women with breast cancer. *Journal of Racial Ethnic Health Disparities*. Advance online publication. Doi: 10.1007/s40615-023-01634-1.
  - b. Hines, R. B., Zhu, X., **Lee, E.**, Eames, B., Chmielewska, K., & Johnson, A. M. (2023). Health insurance and neighborhood poverty as mediators of racial disparities in advanced disease stage at

diagnosis and nonreceipt of surgery for women with breast cancer. *Cancer Medicine*, 10.1002/cam4.6127. Advance online publication. Doi: 10.1002/cam4.6127.

- c. Hines, R. B., Zhu, X., **Lee, E.**, Rapp, C. D., Volk, A. M., & Johnson, A. M. (2022). Multiple mediation analysis of racial disparity in breast cancer survival. *Cancer Epidemiology*, 79, 102206. Doi.org/10.1016/j.canep.2022.102206. PMID: 35759875.
  - d. **Lee E**, Hines RB, Wright JL, Nam E, Rovito MJ, Liu X. (2020) Effects of Radiotherapy and Comorbidity on Health-Related Quality of Life and Mortality among Older Women with Low-Risk Breast Cancer: Protocol for a Retrospective Cohort Study. *JMIR Research Protocols* 9(11):e18056. doi: 10.2196/18056. PMID: 33090111 PMCID: 7691089.
- 4. Lifestyle factors and interventions influencing health outcomes.** I examined how dietary patterns influence health outcomes using the NHANES data, and we found the diet quality among cancer survivors was lower than adults without cancer and it varied depending on age, gender, race/ethnicity, and cancer type. I also access how dietary patterns affect cancer outcomes among cancer survivors using a systematic review and meta-analysis. We found that post-diagnosis diets with higher quality could reduce all-cause mortality by 21% among cancer survivors.
- a. **Lee, E.**, Zhu, J., Velazquez, J., Bernardo, R., Garcia, J., Rovito, M., & Hines, R. B. (2021). Evaluation of diet quality among American adult cancer survivors: Results from 2005-2016 National Health and Nutrition Examination Survey. *Journal of the Academy of Nutrition and Dietetics*, 121(2), 217-232. PMID:33158797.
  - b. Charles, E. & **Lee, E.** (2021). Low-carbohydrate diet and hemoglobin A1c among American adults with diabetes mellitus: Analysis of national health and nutrition examination survey 2005-2016. *Acta Scientific Nutritional Health*, 5(8), 44-54.
  - c. **Lee, E.**, Kady, V., Han, E., Montan, K., Normuminova, M., & Rovito, M. J. (2022). Healthy eating and mortality among breast cancer survivors: A systematic review and meta-analysis of cohort studies. *International Journal of Environmental Research and Public Health*, 19(13), 7579. PMID: 35805233.
  - d. **Lee, E.**, Park, Y., Li, D., Rodriguez, A., Wang, X., & Zhang, W. C. (2023). Antidepressant use and lung cancer risk and survival: A meta-analysis of observational studies. *Cancer Research Communications* 3(6) 1013-1025.

**Complete List of Published Work in MyBibliography:**

<http://www.ncbi.nlm.nih.gov/sites/myncbi/eunkyung.lee.1/bibliography/49523746/public/?sort=date&direction=ascending>



**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Yen-Han Lee

eRA COMMONS USER NAME (credential, e.g., agency login): ylee001

POSITION TITLE: Assistant Professor

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

| INSTITUTION AND LOCATION                          | DEGREE<br><i>(if applicable)</i> | Start Date<br>MM/YYYY | Completion Date<br>MM/YYYY | FIELD OF STUDY                                  |
|---|----------------------------------|-----------------------|----------------------------|---|
| Pennsylvania State University-<br>University Park | B.S.                             | 08/2006               | 08/2010                    | Health Policy and<br>Administration             |
| Iowa State University                             | M.A.                             | 08/2010               | 05/2013                    | Political Science                               |
| Boston University                                 | M.P.H.                           | 09/2014               | 05/2016                    | Public Health                                   |
| Indiana University-Bloomington                    | Ph.D.                            | 08/2016               | 06/2021                    | Applied Health<br>Sciences (Health<br>Behavior) |

**A. Personal Statement**

I am an Assistant Professor of Health Sciences at University of Central Florida. The overarching research theme is focused on social behavioral aspects of public health. I have comprehensive background in public health and health policy, with expertise in survey based-research, secondary data analysis, and content analysis on social and behavioral health sciences like substance use behaviors, health disparities, and geriatric health. As a first author or a corresponding author of many published research studies, my research work mainly focuses on two primary tracks. The first track of my research is related to sociodemographic behaviors associated with substance use behaviors at the global level. The second track of my research is focused on social and behavioral disparities associated with chronic conditions among the older adult population (i.e., sleep, cognitive function, and obesity). In addition, I successfully collaborated with other researchers in different parts of the world including the United States, Hong-Kong, and Taiwan, and published several peer-reviewed research papers through these collaborations. As a result of these previous experiences, I am aware of the important and frequent communication among research members. Further, I am able to establish a realistic research plan and timeline that everyone in the research team is able to contribute efficiently. This current application builds logically on my prior work and experiences. From 2019 to 2020, my career was disrupted due to the mandatory civilian service requirement in Taiwan, where I worked as an Assistant Social Worker in the Emergency Department at a large medical center during the first wave of COVID-19 outbreak. My clinical and research experiences have shaped my unique perspective by combining both clinical and applied health sciences research together in order to develop a more practical research agenda. In sum, I have the necessary expertise, leadership, training, and motivation to carry out the proposed research studies successfully.

Ongoing and recently completed projects related to this proposed research that I would like to highlight include:

**\*Note: I collaborated with the PI of this proposed research, Dr. Ching-Ti Liu, on several studies. Dr. Liu's name is highlighted in bold and italic characters.**

1. YH Lee\*, YC Chang, TC Chiang, M Shelley, ***CT Liu*** (2020). Living arrangements and sleep-related outcomes among older adults in China: A panel analytic approach. *The International Journal of Aging and Human Development*, 91(2), 111-126.
2. H Fan, YH Lee\*, YC Chang, M Shelley (2020). Associations of dietary habits and sleep in older adults: A 9-year follow-up cohort study. *European Geriatric Medicine*, 12(1), 123-131.
3. YH Lee\*, YC Chang, PJ Chang, M Shelley (2021). Sociodemographic and behavioral factors associated with status change of sleep quality and duration among Chinese older adults. *Ageing & Society*, 42(9), 2206-2223.
4. YTH Lee, YH Lee\*, YH Wu, ***CT Liu***, YC Chang\* (2021). A 10-year trend of sleeping patterns, geographical, and community disparities among Chinese older adults. *Journal of Applied Gerontology* (Online version).

## **B. Positions, Scientific Appointments and Honors**

|              |  |
|--------------|--|
| 2022-Present | Assistant Professor, Department of Health Sciences, College of Health Professions and Sciences, University of Central Florida, Orlando, FL |
| 2022-Present | Editorial Member, <i>Journal of Ethnicity in Substance Abuse</i>   |
| 2021-Present | Associate Editor, <i>Journal of Substance Use</i>  |
| 2021-Present | Member, American Academy of Health Behavior  |
| 2021-2022    | Member, American Public Health Association   |
| 2021-2022    | Graduate Research Faculty, McQueary College of Health and Human Services, Missouri State University, Springfield, MO                       |
| 2021-2022    | Assistant Professor, Department of Public Health and Sports Medicine, Missouri State University, Springfield, MO                           |
| 2020-2021    | Research Associate, Center for General Education, National Tsinghua University, Hsinchu City, Taiwan                                       |
| 2020         | Research Consultant, Department of Medical Research, Taipei Veterans General Hospital, Taipei, Taiwan                                      |
| 2017-2019    | Associate Instructor, Department of Applied Health Sciences, Indiana University, Bloomington, IN   |

## **C. Contributions to Science**

1. The overarching theme of my research interests is focused on social behavioral aspect of public health and health behaviors. In particular, I use advanced quantitative methods and carry out secondary data analysis related to disparities, sociodemographic factors, and behavioral factors associated with chronic conditions and health related measurements among Chinese older adults. These publications provided further guidance for public health practitioners to understand the behavioral norms and disparities when they design public health interventions and establish preventive measurements targeting Chinese older adults and Chinese communities as a whole. Furthermore, it is also important for the public health practitioners and policy makers in the United States to understand the unique role of Chinese culture in terms of public health promotion and identify the differences between the American and Chinese populations. I served as a first author and/or a corresponding author in all of these research studies.

- a. **YH Lee\***, YC Chang\*, **CT Liu**, M Shelley (2020). Correlates of alcohol consumption and alcohol dependence among older adults in contemporary China: Results from the Chinese Longitudinal Healthy Longevity Survey, 2000-2014. *Journal of Ethnicity in Substance Abuse*, 19(1), 70-85.
- b. **YH Lee\***, YC Chang\*, YT Lee, **CT Liu**, M Shelley (2020). Are older adults' home exposures to secondhand smoking during earlier life stages associated with current health status and life satisfaction in China? A multilevel approach. *Journal of Ethnicity in Substance Abuse*, 19(3), 388-402.
- c. **YH Lee\***, YC Chang, **CT Liu** (2019). Preventative care utilization and associated health-related measurements among older adults following the 2009 health reform in China. *International Journal of Health Planning and Management*, 34(2), e1135-e1148.
- d. **YH Lee\***, YC Chang, M Shelley, **CT Liu** (2020). Examining the associations of smoking behavior and obesity among older adults in China: Should we consider food consumption behaviors? *Journal of Aging and Health*, 32(7-8), 904-915.

2. In addition to the aforementioned contributions, with a team of collaborators, we have examined the social and behavioral factors associated with sleep among Chinese older adults. The research approach we adopted included both cross-sectional and longitudinal study designs. Also, I directly combined my interests in substance use and geriatric health, which examined the complexity between substance use behaviors and Chinese older adults' sleep. For example, in one of our studies, we found some interesting results that current smokers or alcohol users had lower odds of reporting worsening sleep quality, compared with those who did not smoke or use alcohol at all. The counterintuitive observations may be the cultural differences between the Chinese and American societies. The findings may provide empirical evidence to inform public health practitioners to be aware of the cultural differences when they implement interventions to help improve older adults' sleep from the social behavioral aspects.

- a. **YH Lee\***, YC Chang\*, YT Lee, M Shelley, **CT Liu** (2018). Dietary patterns with fresh fruits and vegetables consumption and quality of sleep among older adults in mainland China. *Sleep and Biological Rhythms*, 16(3), 293-305.
- b. **YH Lee\***, YC Chang, TC Chiang, M Shelley, **CT Liu** (2020). Living arrangements and sleep-related outcomes among older adults in China: A panel analytic approach. *The International Journal of Aging and Human Development*, 91(2), 111-126.
- c. **YH Lee\***, YC Chang, M Shelley, **CT Liu** (2020). A panel analysis of the Mahjong card game and social activity with sleep-related measurements among Chinese older adults. *Sleep & Biological Rhythms*, 18(2), 109-119.
- d. H Fan, **YH Lee\***, YC Chang, M Shelley (2020). Associations of dietary habits and sleep in older adults: A 9-year follow-up cohort study. *European Geriatric Medicine*, 12(1), 123-131.

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: López Castillo, Humberto

eRA COMMONS USER NAME (credential, e.g., agency login): humbertol

POSITION TITLE: Assistant Professor

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

| INSTITUTION AND LOCATION  | DEGREE<br>(if applicable) | Completion Date<br>MM/YYYY | FIELD OF STUDY   |
|---|---------------------------|----------------------------|--|
| University of Panama, Panama City, Panama   | MD                        | 08/2003                    | Medicine   |
| University of Panama, Panama City, Panama   | Grad. Cert.               | 06/2005                    | Post-secondary Education                               |
| <i>Omar Torrijos Herrera</i> Pediatrics Specialties Hospital, Social Security Fund, Panama City, Panama | Residency                 | 12/2009                    | Pediatrics   |
| University of Panama, Panama City, Panama   | MSc                       | 01/2012                    | Clinical Sciences (Pediatrics)                         |
| Latin American University for Science and Technology, Panama City, Panama                               | MEd                       | 08/2012                    | Post-secondary Education                               |
| University of South Florida, Tampa, FL  | Grad. Cert.               | 05/2014                    | Translational Research in Adolescent Behavioral Health |
| University of South Florida, Tampa, FL  | PhD                       | 12/2016                    | Public Health (Behavioral Sciences)                    |
| University of South Florida, Tampa, FL  | Postdoc                   | 05/2018                    | Adolescent Risk Behavior                               |

**A. Personal Statement**

I have the motivation, training, and expertise necessary to successfully conduct the proposed research project entitled *Cardiometabolic Status of Adults Living with HIV in Colón, Panama*. I have a clinical (MD, pediatrics) and public health (behavioral sciences) training and experience. My research focuses on chronic cardiometabolic diseases among minority populations at risk of HIV infection. During my postdoctoral fellowship at the University of South Florida, I conducted a meta-analysis, where I identified an increased prevalence of hypertension in men who have sex with men (MSM) and during my time at the University of Central Florida (UCF) I have conducted 3 additional meta-analyses on prevalence disparities in obesity (under review), dyslipidemia, and diabetes (in preparation). In 2018, I also collaborated with a project in Panama to estimate the size of key populations at risk of HIV infection and to characterize these populations, including MSM, transwomen, and female sex workers. In this application, I propose to estimate the overall prevalence and 12-month trajectory of MetS and its five diagnostic criteria (i.e., abdominal obesity, hypertriglyceridemia, reduced HDL cholesterol, hypertension, and hyperglycemia) among adults living with HIV (ALWH) in the province of Colón, republic of Panama. Given the role of social determinants of health, HIV treatment status, and overall inflammatory status, we also propose to describe and estimate the overall effect of therapeutic, laboratory, and socio-demographic variables on the prevalence and trajectory of MetS its five diagnostic criteria in ALWH in Colón, Panama. The long-term goal of this application is to develop a culturally appropriate, evidence-based intervention to prevent and treat cardiometabolic outcomes in ALWH in Panama and to adapt and extend it to the rest of Latin America. Thus, this proposal also has an exploratory objective to identify the acceptability, feasibility, and sustainability of a pilot version of such clinical protocol.

As part of my training and tenure-earning line at UCF, I have conducted diverse studies collecting original data and have conducted secondary data analyses, which have provided me the required proficiency in data collection, database management, and statistical analyses. Additionally, I have managed internal grants that got me acquainted with every step from IRB application, professional communications with instrument developers, instrument validation, survey administration (both in person and online), staffing, budgeting, and database management, and preparation of final reports and other dissemination efforts. I have previously worked as a medical writer, and have the expertise to prepare manuscripts and white papers to disseminate the knowledge obtained from this application, which builds logically on my training and expertise. I also hold an MEd (post-secondary education), where I particularly focused on curricular development; this will allow me to take the necessary steps to develop an intervention addressing the specific risks found in this research project.

Ongoing and recently completed projects that I would like to highlight include:

University of Central Florida Board of Trustees

Lopez Castillo (PI)

05/01/19 - 12/31/21

Development of a bilingual measurement instrument for sexual positioning identity and behavior and its cofactors among Latino men who have sex with men (MSM)

This project aims to (1) Identify the cofactors associated with sexual positioning roles that are relevant to Latino MSM/MSMW; (2) Develop a pilot, culturally appropriate, bilingual, multidimensional sexual positioning questionnaire for Latino MSM/MSMW; and (3) Pilot-test and determine the psychometric properties of the culturally appropriate, bilingual, multidimensional sexual positioning questionnaire for Latino MSM/MSMW.

University of Central Florida Research Foundation, Inc.

Lopez Castillo (PI)

10/02/21-07/30/22

The Sexual and Reproductive Health (SRH) Collaborative at UCF: The Sex Café Podcast Season 1

The short-term goal of the Genius Innovation proposal is to establish research, clinical practice, and advocacy collaborations in Sexual and Reproductive Health (SRH) between faculty, staff, and students at University of Central Florida and the Central Florida community at large by identifying 20 SRH topics to be discussed by experts in research, clinical practice, and advocacy within the community.

Citations:

1. **López Castillo H**, Hess-Holtz M, Jenkins L, Vega N, Eskildsen G, De La Torre D, Calvo AE; The PEMAR Group. Estimating the size of key populations at risk for HIV infection in Panama using capture-recapture methods: The PEMAR Study. *Annals of LGBTQ Public and Population Health* (forthcoming).
2. **López Castillo H**, Tfirm IC, Hegarty E, Bahamon I, Lescano CM. A meta-analysis of blood pressure disparities among sexual minority men. *LGBT Health*. 2021;8(2):1-11. doi: 10.1089/lgbt.2019.0121
3. Blackwell CW, **López Castillo H**. Human immunodeficiency virus pre-exposure prophylaxis: Use of emtricitabine/tenofovir alafenamide. *The Journal for Nurse Practitioners*. doi: 10.1016/j.nurpra.2021.01.002.
4. Blackwell CW, **López Castillo H**. COVID-19 vaccination in adults living with HIV. *Journal of the American Association of Nurse Practitioners*. doi: 10.1097/JXX.0000000000000674

## B. Positions, Scientific Appointments, and Honors

### Positions and Scientific Appointments

- 2018-Present Assistant Professor. Department of Health Sciences, College of Health Professions and Sciences, University of Central Florida. Orlando, FL
- 2016-2018 Postdoctoral Research Fellow in Adolescent Risk Behaviors. Department of Mental Health Law and Policy, College of Behavioral and Community Sciences, USF. Tampa, FL

### Honors

- 2019 Inducted to the Order of Paula Solís de Huerta, the highest honor conferred by the University of Panama Azuero Campus for collaborations in research, teaching, and service to the university and the community
- 2016-Present Member of the American Public Health Association
- 2010-Present Member of the Panamanian Pediatrics Society. Panama City, Panama

## C. Contributions to Science

### 1. Risk Factors in Key Populations at Risk of HIV

I have actively worked in a research portfolio that analyzes various social determinants of health among key populations at risk of HIV, including teenagers, Latinx populations, men who have sex with men, transgender women, and sex workers. Among the risk factors, I have studied smoking status, access to healthcare, experiences of stigma and discrimination, and intimate partner violence. My most relevant publications and presentations in this area include:

- a. **López Castillo H**, Hess-Holtz M, Jenkins L, Vega N, Eskildsen G, De La Torre D, Calvo AE; The PEMAR Group. Estimating the size of key populations at risk for HIV infection in Panama using capture-recapture methods: The PEMAR Study. *Annals of LGBTQ Public and Population Health* (forthcoming).
- b. Blackwell CW, **López Castillo H**. Use of electronic nicotine delivery systems (ENDS) in lesbian, gay, bisexual, transgender and queer persons: Implications for public health nursing. *Public Health Nursing*. 2020;37(4):569-580. doi: 10.1111/phn.12746
- c. Lescano CM, **López Castillo H**, Calcano E, Mayor M, Porter M, Rivera-Torgerson Y, Dion C, Marhefka SL, Barker D, Brown LK; The Latino STYLE Research Group. Latino STYLE: Preliminary findings from an HIV prevention RCT among Latino youth. *Journal of Pediatric Psychology*. 2020;45(4):411-422. doi: 10.1093/jpepsy/jsaa019
- d. Calvo AE, **López Castillo H**, Hess-Holtz M, Jenkins L, Vega N. Access to healthcare and stigma/discrimination towards key populations in Panama [abstract 441607, oral presentation 4255.0]. American Public Health Association's 2019 Annual Conference and Exposition. Philadelphia, PA; November 2-6, 2019.

### 2. Cardiometabolic Health

During my time at UCF, I have continued working on the identification cardiometabolic health disparities among key populations at risk of HIV, including the metabolic syndrome and its five diagnostic criteria. The most relevant publications and presentations in this area include:

- a. **López Castillo H**, Blackwell CW, Schrimshaw EW, [Author Name Withdrawn Upon Request]. Paradoxical obesity and overweight disparities among sexual minority men: A meta-analysis. *American Journal of Men's Health* (under review). Manuscript ID: AJMH-2021-11-194.
- b. **López Castillo H**, Tfirm IC, Hegarty E, Bahamon I, Lescano CM. A meta-analysis of blood pressure disparities among sexual minority men. *LGBT Health*. 2021;8(2):1-11. doi: 10.1089/lgbt.2019.0121
- c. **López Castillo H**, Lescano CM, Hegarty E. Are there differences in cardiovascular health indicators among males by sexual orientation? Evidence from the 2015 Behavioral Risk Factor Surveillance System (BRFSS) [abstract 394436, poster 2041.1]. APHA Annual Meeting & Exposition. Atlanta, GA; Nov 04-08, 2017.

### Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/humberto.lopez%20castillo.1/bibliography/public/>

# A'NAJA M. NEWSOME, Ph.D., CEP

University of Central Florida

College of Health Professions and Sciences

4364 Scorpius Street, Office 210H

O: (407) 823-0184 | C: (818) 414-4858

[anaja.newsome@ucf.edu](mailto:anaja.newsome@ucf.edu) | [linkedin.com/in/anajanewsomemphd](https://www.linkedin.com/in/anajanewsomemphd)

## EDUCATION

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- 2021      **Doctor of Philosophy, Interdisciplinary Education**  
Concentrations: Exercise Science and Public Health  
University of South Florida  
Dissertation: Exercise Prescription Practices in University Counseling Centers:  
Testing the Information-Motivation-Behavioral Skills Model
- 2013      **Master of Science, Sports Administration**  
Concentration: Recreation and Leisure Studies  
Georgia State University
- 2011      **Bachelor of Science, Exercise Science**  
Georgia State University

## ACADEMIC APPOINTMENTS

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- 2022 –      **Lecturer of Health Sciences**, University of Central Florida, College of Health  
Professions and Sciences  
Courses: Medical Self-Assessment, Health Sciences Seminar
- 2022      **Adjunct Instructor of Kinesiology**, University of Central Florida, College of Health  
Professions and Sciences  
Courses: Motor Learning and Development
- 2021 – 2022      **Adjunct Faculty of Sport and Fitness Leadership**, Johnson University Florida,  
College of Arts and Sciences  
Courses: Sport and Exercise Psychology
- 2016 – 2021      **Adjunct Instructor**, University of South Florida  
Courses: Academic Foundations, Introduction to Yoga

## RESEARCH

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### Areas of Specialty

- Exercise interventions in clinical and mental healthcare
- Psychosocial determinants of physical activity and exercise
- Exercise is Medicine® on Campus
- Physical activity measurement

\*denotes graduate student author   \*\*denotes undergraduate student author

### Refereed Journal Articles

1. **Newsome AM**. Exercise promotion practices among mental health professionals: A scoping review. *Issues in Mental Health Nursing*. Published online June 14, 2023:1-11. doi:[10.1080/01612840.2023.2212770](https://doi.org/10.1080/01612840.2023.2212770)
2. **Newsome AM**, \*Gilliard T, Phillips A, Dedrick R, Understanding the perceptions of sedentary college students' engagement in physical activity: application of the theory of planned behavior. *Journal of American College Health*. Published online November 17, 2021:1-10. doi:[10.1080/07448481.2021.1998069](https://doi.org/10.1080/07448481.2021.1998069)
3. **Newsome AM**, Kilpatrick M, \*Mastrofini G, Wilson K. Personality traits and physical activity: Helping exercise professionals maximize client outcomes. *ACSM's Health and Fitness Journal*. 2021;25(4):12-18. doi:[10.1249/FIT.0000000000000684](https://doi.org/10.1249/FIT.0000000000000684)
4. Kilpatrick M, **Newsome AM**, Foster C, Robertson R, Green M. Scientific rationale for RPE use in fitness assessment and exercise participation. *ACSM's Health and Fitness Journal*. 2020;24(4):24-30. doi:[10.1249/FIT.0000000000000587](https://doi.org/10.1249/FIT.0000000000000587)

### Manuscripts Under Review

1. **Newsome AM**, Kilpatrick M, Dedrick RF. Exercise prescription practices in university counseling centers. Submitted to *International Journal of Behavioral Medicine*.
2. **Newsome AM**, Garcia JM, Dedrick RF. Initial development and validation of the Campus Recreation Constraints and Negotiations Questionnaire. Submitted to *Recreational Sports Journal*.

### Manuscripts in Preparation

1. \*Robinson N, **Newsome AM**, \*\*Reeder K, \*\*St. Laurent A. Examining digital health literacy as a mediator of health behaviors in college students. Formatted for submission to the *Journal of American College Health*. Submission anticipated summer 2023.



2. **Newsome AM**, \*\*Reeder K. Impact of group exercise participation on health literacy, stress, coping, and resiliency in college students. Formatted for submission to the *Recreational Sports Journal*. Submission anticipated summer 2023.
3. **Newsome AM, Garcia JM**. Leisure constraints and negotiation strategies for campus recreation participation among college students. Formatted for submission to the *International Journal of Sport and Exercise Psychology*. Submission anticipated summer 2023.
4. **Newsome AM**, Jeune S. Effects of physical activity and nutrition interventions on health outcomes among Black and Hispanic women with obesity: A systematic review and meta-analysis protocol. Submission anticipated fall 2023.

## CONFERENCE PRESENTATIONS

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1. Bauer P, McAvoy C, **Newsome AM**, Battista R. Exercise is Medicine: A scoping review and call for collaboration. Southeast American College of Sports Medicine Annual Meeting. February 2023, Greenville, SC.
2. **Newsome AM**. Using social marketing to increase physical activity outcomes in college students. NIRSA: Leaders in Collegiate Recreation Annual Conference and Campus Recreation & Wellness Exposition. March 2022, Portland, OR.
3. O’Sullivan E, Davenport D, Hallmon AW, **Newsome AM**. NIRSA in Student Affairs Commitment to Racial Justice. NIRSA: Leaders in Collegiate Recreation, August 2020, Virtual session ([https://youtu.be/R7FkzTA6\\_W4](https://youtu.be/R7FkzTA6_W4)).
4. Kilpatrick M, Fleming A, Smith T, Schumacher B, Waddell B, **Newsome AM**, D’Oliviera A. Cardiometabolic and perceptual responses to maximal exercise: Comparing graded walking and ungraded running. Paper at the annual meeting of the American College of Sports Medicine, May 2019, Orlando, FL.
5. McAvoy C, **Newsome AM**, Jeffreys Heil R, & Keese A. Using Exercise is Medicine® to expand the reach of campus recreation. NIRSA: Leaders in Collegiate Recreation Annual Conference and Campus Recreation & Wellness Exposition, February 2019, Boston, MA.
6. **Newsome AM**. Leveraging technology to maximize fitness programming. NIRSA: Leaders in Collegiate Recreation Annual Conference and Campus Recreation & Wellness Exposition, March 2018, Denver, CO.
7. **Newsome AM**. Your journey to yes! Effective strategies for implementing new initiatives in your department. NIRSA: Leaders in Collegiate Recreation Annual Conference and Campus Recreation & Wellness Exposition, March 2018, Denver, CO.

8. **Newsome AM**, Craig A. Power of the pedal: Coaching power based indoor cycling. Pre-conference Workshop: NIRSA: Leaders in Collegiate Recreation Annual Conference and Campus Recreation & Wellness Exposition, February 2017, National Harbor, MD.
9. **Newsome AM**, Thomas L. Professional Development – Inheriting Student Staff. NIRSA: Leaders in Collegiate Recreation Annual Conference and Campus Recreation & Wellness Exposition, April 2015, Grapevine, TX.

### **Invited Lectures**

1. **Newsome AM**. Championing physical activity and promoting behavior change. Intro to Kinesiology. Johnson University Florida, March 2021, Kissimmee, FL.
2. **Newsome AM**. Managing human resources in fitness and wellness. Administration of Fitness/Wellness Centers. University of South Florida, September 2018, Tampa, FL.

### **GRANTS**

---

1. American College of Sports Medicine Foundation. Dose-Response Effect of Exercise on Depression and BDNF in Sedentary Young Adults (2023)  
**Newsome, AM**. (PI), Brazendale K, Garcia J, Fretti S.  
Funded Amount: \$10,000 (awarded)
2. The NIRSA Foundation. Development and Validation of the Collegiate Recreation Constraints and Negotiation Scale (2021)  
**Newsome AM**. (PI), Dedrick, R.  
Funded Amount: \$9,055 (awarded)
3. Technogym USA. Using Technology to Increase Physical Activity in Sedentary College Students (2018)  
**Newsome AM**. (PI)  
Funded Amount: \$1,250 (awarded)
4. The Reeves Foundation Quality of Life. Adapt-a-Bull Physical Activity and Recreation Program.  
**Newsome AM**. (PI)  
Requested Amount: \$25,000 (*not awarded*)
5. University of South Florida Women's Health Collaborative. Implementation and Evaluation of an Exercise is Medicine on Campus Referral System among Racial Minority Women.  
Bleck J, (PI), **Newsome AM**. (Co-I)  
Requested Amount: \$15,000 (*not awarded*)

## **PROFESSIONAL EXPERIENCE**

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- 2015 – 2021 **Assistant Director**  
Recreation & Wellness, University of South Florida
- 2014 – 2015 **Fitness Coordinator**  
Campus Recreation, California State University, Pomona
- 2013 – 2014 **Fitness Programs Coordinator**  
Campus Recreation, California State University, East Bay
- 2011 – 2012 **Graduate Assistant**  
Recreation Services, Georgia State University
- 2010 – 2012 **Lifestyle Fitness Specialist**  
Aquila Ltd./Center for Disease Control, Atlanta, Georgia

## **PROFESSIONAL LEADERSHIP AND SERVICE**

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### **Editorial Service**

- 2022 – ACSM's Health & Fitness Journal  
2022 – Journal of American College Health, Ad Hoc Reviewer  
2020 – Recreational Sports Journal

### **Service to Professional Associations**

- 2022 Chair, NIRSA Annual Conference Program Committee  
2018 Committee Member, NIRSA Region II Conference Program Committee  
2016 – 2018 Committee Member, NIRSA Annual Conference Program Committee  
2016 Chair, Florida Summit Conference Program Committee

### **Service to University**

- 2022 – Co-director, Exercise is Medicine on Campus, University of Central Florida  
2020 – 2021 Chair, NCHA Assessment Committee, University of South Florida  
2018 – 2021 Chair, Exercise is Medicine on Campus, University of South Florida

### **Professional Association Membership**

- 2023 – Doctoral Member, American College of Lifestyle Medicine  
2019 – Professional Member, NASPA  
2018 – Professional Member, American College of Sports Medicine  
2009 – Professional Member, NIRSA: Leaders in Campus Recreation

## **PROFESSIONAL CERTIFICATIONS**

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- 2020 – Health Coach, American Council on Exercise
- 2019 – Advanced Sport Performance Coach, USA Weightlifting
- 2018 – Exercise is Medicine® Credential, American College of Sports Medicine
- 2016 – Personal Trainer, American Council on Exercise
- 2011 – Exercise Physiologist, American College of Sports Medicine

## **STUDENT RESEARCH MENTORSHIP**

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### **Undergraduate Honors Thesis Committee**

1. Student: Alexandria St. Laurent, Burnett Honor's College  
Project: Physical activity, diet quality, coping strategies, and mental health in female college students.  
Role: Thesis Advisor (2023 – present)
2. Student: Kristina Ledbetter, USF Honors College  
Project: The effects of group exercise participation on stress and motivation in female college students  
Role: Thesis Advisor (2015-2016)

### **Graduate Student Mentorship**

1. Nicholas Robinson, Doctoral Student  
Project: Educational Intervention on Mindfulness  
Role: Research Advisor (2023 – present)
2. Student: Rene Herrera, M.S.  
Project: Positive deviance as a framework for understanding motivations and barriers to exercise for university students at campus recreation  
Role: Committee Member (2017 – 2018)

**BIOGRAPHICAL SKETCH**

Provide the following information for the Senior/key personnel and other significant contributors.  
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Rovito, Michael Joseph

eRA COMMONS USER NAME (credential, e.g., agency login): rovit01

POSITION TITLE: Associate Professor

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

| INSTITUTION AND LOCATION | DEGREE<br>(if applicable) | Completion Date<br>MM/YYYY | FIELD OF STUDY |
|--------------------------|---------------------------|----------------------------|----------------|
| Millersville University  | B.A.                      | 05/2003                    | Geography      |
| Temple University        | M.A.                      | 05/2006                    | Urban Studies  |
| Temple University        | Ph.D.                     | 01/2010                    | Public Health  |

**A. Personal Statement**

I am well qualified to serve as the Principal Investigator of the proposed application because of my experience and expertise in male health behavior sciences. With over a decade of experience in the field, I have developed a niche expertise in the blending of testicular cancer prevention, male behavioral health, and research methodological topics. I have experience conducting ground level-based health promotion services within male populations, most notably the conducting of focus groups and the development of instruments from said methods. In my career, I have successfully developed, piloted, and implemented 4 original survey tools: the *Control Identity Assessment Scale*, the *Young Adult and Adolescent Male Health Behavior Indicators Scale*, the *Adolescent Body Image Satisfaction Scale for Males*, and the *Testicular Cancer Survivor Quality of Life Assessment*. Further, I have developed, or co-developed numerous behavioral theories, conceptual models, and novel methodologies, including the *Control Identity Theory*, *Normative Content Theory*, and *Structured Phenomenology*. Such proficiency makes me uniquely qualified to successfully direct this project. I have conducted funded research activity in the areas of colorectal cancer screening (as a Research Associate at Temple University's Risk Communication Laboratory - funding from the National Cancer Institute, R21CA120122-01A1: "Using Perceptual Mapping to Develop Low Literacy CRC Screening Decision Aids") and testicular self-examination (the Foundation for Informed Medical Decision-Making, George Bennett Fellowship).

I founded and currently direct the Testicular Cancer Research Collaborative (TCRC) at the University of Central Florida. TCRC is an interdisciplinary think tank that aims to create, conduct, and disseminate testicular cancer related research. Also, it is TCRC's goal to provide stellar student mentorship to help train the next generation of scientists. TCRC includes clinician and researchers from some of the world's more prestigious testis cancer treatment and research facilities, including Indiana University, the Mayo Clinic, the University of College Cork (Ireland), the Michigan Institute of Urology, the Testicular Cancer Society, Orlando Health, and the University of Kansas Medical Center.

Ongoing and recently completed projects that I would like to highlight include:

1. HRB (Health Research Board) Definitive Intervention and Feasibility Awards Full 2020 Grant *Enhancing Men's Awareness of Testicular Diseases (E-MAT): A Feasibility Study and Study Within A Trial (SWAT)* (2021-Present)  
Saab, M (PI); **Rovito MJ** (Consultant)

2. University of Central Florida, College of Health Professions and Sciences, School of Social Work Center for Behavioral Health Research and Training.

*A qualitative assessment of quality of life among testicular cancer survivors (2019-present)*

**Rovito MJ** (PI, 95%), Lopez-Castillo, H, Lee E, Falk D, Taliaferro L

Papers of primary importance to the proposed project include the following:

1. **Rovito MJ**, Adams WB, Craycraft M, Gooljar C, Maresca M, Guelmes J, Gallelli A. (2022). The Association Between Testicular Self-Examination and Stages of Testicular Cancer Diagnosis: A Cross-Sectional Analysis. *Journal of Adolescent and Young Adult Oncology*, 11(1), 41-47. doi: 10.1089/jayao.2021.0020.
2. **Rovito MJ**, Bruzzone A, Lee E, Lopez-Castillo H, Talton W, Taliaferro L, Falk D. (2021). Assessing Health-Related Quality of Life Among Survivors of Testicular Cancer: An Appraisal of Study Quality. *American Journal of Mens Health*. 15(1), 1-11
3. **Rovito MJ**, Craycraft M, Talton W, Maresca M. (2021). So, now what?: Reflections upon socioeconomic factors, testicular cancer, and health care accessibility. *Cancer*. 127(8), 1345-1346
4. **Rovito MJ**, Rivers KO, Rovito KE, Goss T, Talton W, Siguenza A, Alfonso G, Resciniti N. (2017). A 'structured' phenomenological approach to promoting health among young adult and adolescent males. *Journal of Integrated Design and Process Science*. 21(3), 23-32.

## **B. Positions, Scientific Appointment, and Honors**

### **Positions and Scientific Appointments**

|              |   |
|--------------|---|
| 2020-Present | Associate Professor, Dept. of Health Sciences, University of Central Florida, Orlando, Florida.                             |
| 2019-Present | Director, Testicular Cancer Research Collaborative, University of Central Florida, , Orlando, Florida.                      |
| 2016-2020    | Policy Director, American Public Health Association, Men's Health Caucus, Washington, D.C.                                  |
| 2009-2011    | Assistant Prof. of Public Health (Non-Tenure Track), Dept. of Public Health, Temple University, Philadelphia, Pennsylvania. |
| 2009-2011    | Research Associate, Risk Communication Laboratory, Temple University, Philadelphia, Pennsylvania.                           |
| 2008-2009    | Adjunct Faculty, Department of Public Health and Health Policy, University of the Sciences, Philadelphia, Pennsylvania.     |

### **Other Experience and Professional Memberships**

|              |  |
|--------------|--|
| 2023-Present | Editorial Board, Member, <i>Health Behavior Research</i> |
| 2019-Present | Member, American Society of Andrology                    |
| 2015-Present | Founding Member, American Society for Men's Health       |
| 2015-Present | Member, American Academy of Health Behavior              |
| 2009-Present | Member, Delta Omega Public Health Honor Society          |
| 2007-Present | Member, American Public Health Association               |

### **Honors**

|      |   |
|------|---|
| 2023 | Council on Undergraduate Research Health Sciences Mid-Career Innovative Mentor Award                  |
| 2022 | University of Central Florida Research Incentive Award  |
| 2020 | University of Central Florida Champion of Undergraduate Research Faculty Award                        |
| 2020 | University of Central Florida College of Health Professions and Sciences Excellence in Research Award |
| 2018 | American Academy of Health Behavior Judy K. Black Early Career Award, Nominee                         |
| 2017 | American Academy of Health Behavior Professional Development Research Scholars Program, Inductee      |
| 2016 | University of Central Florida Research Incentive Award  |
| 2016 | University of Central Florida Teaching Incentive Award  |
| 2016 | Recipient of APHA's Men's Health Caucus "Outstanding Research in Men's Health"                        |
| 2008 | Foundation for Informed Medical Decision-Making George Bennett Fellowship                             |
| 2007 | Albert Schweitzer Fellowship  |

### C. Contributions to Science

I am a health behaviorist with a focus in theory, instrument, and intervention design to promote health and wellness within male populations. My science is the blending of 3 primary topical areas: *Preventive behavioral health, formative research, and male health sciences*. My science is impactful and is nationally/internationally recognized. I am publishing in the areas that form the foundation of my research expertise, including preventive behavioral health, formative research, and male health sciences. I am focused on two research agendas: **secondary prevention of testicular cancer** and **formative research with young adult and adolescent male cancer survivors**.

1. In regards to my expertise in testicular cancer prevention, I have a rich track history of peer-reviewed publications in the field. The range of my work in this field spans policy, health behavior, health communication, and clinical practice.
  - a. **Rovito, MJ.** (2017). Eclipsed by the prostate: expanding testicular cancer scholarship through years of potential life lost and economic productivity. *American Journal of Men's Health*, 11(3), 674-677.
  - b. **Rovito MJ**, Manjelievskaia J, Leone JE, Lutz M, Nangia A. (2016). From 'D' to 'I': A critique of the current United States Preventive Services Task Force recommendation for testicular cancer screening. *Preventive Medicine Reports*. ISSN 2211-3355, <http://dx.doi.org/10.1016/j.pmedr.2016.04.006>.
  - c. **Rovito MJ**, Manjelievskaia J, Leone JE, Lutz M, Cavayero C, Perlman D. (2018). Recommendations for treating males: An ethical rationale for the inclusion of testicular self-examination (TSE) in a standard of care. *American Journal of Men's Health*, 12(3), 539-545.
  - d. **Rovito MJ**, Cavayero CT, Leone JE, Harlin S. (2015). A systematic review of interventions promoting testicular self-examination (TSE). *American Journal of Men's Health*. 9(6):506-18
2. In regards to my expertise in formative research, this is the skillset that will contribute to the success of this proposed project. I have completed major projects with interdisciplinary collaborators under the auspice of the TCRC, among other collaborations, that aimed to create, validate, use, and expand the application of original tools, theories, and methods.
  - a. Leone JE, **Rovito MJ**, Mohammed SD, Mullin EM, Lee CS, Torodova I. (2017). Development and testing of a conceptual model regarding men's access to health care. *American journal of men's health*, 11(2), 262-274.
  - b. **Rovito MJ**, Gordon TF, Bass SB, DuCette J, Tierney A, Coles N. (2018). Developing the 'Control Identity' typology to create more effective testicular health promotional messaging. *American Journal of Men's Health*. 12(3); 546-555.
  - c. **Rovito MJ**, Rivers KO, Rovito KE, Goss T, Talton W, Siguenza A, Alfonso G, Resciniti N. (2017). A 'structured' phenomenological approach to promoting health among young adult and adolescent males. *Journal of Integrated Design and Process Science*. 21(3), 23-32.
  - d. Leone JE, **Rovito MJ**. (2013). "Normative Content" and health inequity enculturation: A logic model of men's health advocacy. *American Journal of Men's Health*. 7(3):243-54.

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### Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/michael.rovito.1/bibliography/public/>

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## BIOGRAPHICAL SKETCH

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NAME: Scheidell, Joy D

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eRA COMMONS USER NAME (credential, e.g., agency login): scheij05

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POSITION TITLE: Assistant Professor, Department of Health Sciences, University of Central Florida

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### EDUCATION/TRAINING

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| INSTITUTION AND LOCATION                      | DEGREE<br>(if applicable) | Completion Date<br>MM/YYYY | FIELD OF STUDY                                     |
|---|---------------------------|----------------------------|--|
| Florida Gulf Coast University, Fort Myers, FL | B.S.                      | 04/2010                    | Community Health                                   |
| University of Florida, Gainesville, FL        | M.P.H.                    | 05/2013                    | Public Health -<br>Epidemiology                    |
| New York University, New York, NY             | Ph.D.                     | 05/2020                    | Environmental Health<br>Sciences -<br>Epidemiology |

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### A. Personal Statement

I am an Assistant Professor in the Department of Health Sciences at the University of Central Florida, and I am an epidemiologist in the areas of substance use, mental health, and sexual and reproductive health. My research interest in these areas began when I was a Community Health undergraduate interning in a Florida health department and performing outreach and education for sexually transmitted infection (STI) and blood-borne infections. I was struck by the way these infectious diseases were enmeshed with co-occurring mental disorders and substance use, and that these factors were situated squarely in a geographic area of the county that was disproportionately impacted by poverty, racial segregation, and marginalization. These early experiences laid the foundation for my career goal to inform multilevel prevention efforts to address the determinants of health disparities and inequities. As a first-generation college graduate, I am committed to a research career that improves health for those who are underserved, particularly within populations that are stigmatized and marginalized.

I earned a PhD from New York University, which was supported by a NIDA-funded T32, and an MPH from the University of Florida. After completing my PhD, I joined the NYU Grossman School of Medicine as a Research Assistant Professor and in 2022, I joined the University of Central Florida as a tenure-track Assistant Professor in the Department of Health Sciences. I have published over forty peer-reviewed manuscripts on the topics of psychosocial, behavioral, and structural determinants of substance use and STI/HIV risk, and assessed whether specific groups (e.g., racial/ethnic minority individuals, women, sexual minority individuals) are particularly vulnerable. I have led two pilot studies as Principal Investigator that focused on intersections of substance use, harm reduction, and sexual and reproductive health among people who use drugs. The first study, supported by the NIDA-funded Center for Drug Use and HIV/HCV Research, examines the effects of substance use treatment and harm reduction service use on STI risk among people who use illicit opioids and explores difference among men and women. The second study assesses racial/ethnic disparities in drug treatment among women with opioid use disorder, including multilevel factors that drive treatment uptake and how treatment impacts other important health outcomes in this population.

I have extensive experience in primary data collection and secondary data analysis studies that use advanced epidemiologic methods based in causal inference, including propensity scores, inverse probability of treatment weighting, and causal mediation using longitudinal and complex survey design studies. Considering my experience conducting secondary data analysis studies using advanced epidemiologic methods in the fields of substance use and STI risk, I am well suited to lead the proposed study and execute the proposed aims in the two-year award period.



Ongoing and projects completed in the past 3 years that I would like to highlight include:

P30 DA011041

Scheidell (Pilot PI)

02/27/2021 – 10/31/2022

Influence of Substance Use Treatment and Harm Reduction on Sexual and Reproductive Health among People Who Use Illicit Opioids in New York City

R01 DA044037

Khan (PI), Role: Co-Investigator

07/01/2017 – 04/30/2022

Stop-and-Frisk, Arrest, and Incarceration and STI/HIV Risk in Minority MSM

6U48DP006396-01-01

Trinh-Shevrin/Thorpe (MPI), Role: Co-Investigator

09/30/2019 – 09/29/2024

NYU-City University of New York (CUNY) Health Promotion and Prevention Research Center Core Project

R01 AA024706

Braithwaite (PI), Role: Co-Investigator

09/15/2016 – 06/30/2022

Should Screening and Treatment Strategies for Unhealthy Alcohol Misuse in HIV-Infected Persons Vary with Smoking, Depression and Substance Abuse?

R01 DA046653

Bennett & Elliott (MPI), Role: Co-Investigator

07/01/2018 – 06/30/2023

Overdose Risk Management and Compensation in the Era of Naloxone

## **B. Positions, Scientific Appointments, and Honors**

### **Positions**

|                |  |
|----------------|--|
| 2022 – Present | Assistant Professor, University of Central Florida, College of Health Professions and Sciences, Department of Health Sciences                                |
| 2020 – 2022    | Assistant Professor, NYU Grossman School of Medicine, Department of Population Health  |
| 2019 – 2020    | Research Scientist, NYU Grossman School of Medicine, Department of Population Health   |
| 2017 – Present | Affiliated Investigator, Center for Drug Use and HIV/HCV Research, NYU School of Global Public Health  |
| 2017 – 2019    | Predocotrinal Trainee, Behavioral Sciences Training in Drug Abuse Research Program (T32 DA7233), Rory Meyers College of Nursing, New York University         |
| 2014 – 2017    | Research Coordinator, Department of Population Health, NYU Grossman School of Medicine   |
| 2013           | Intern, Department of Pediatric Infectious Disease, University of Florida Center for HIV/AIDS Research, Education & Service (UF CARES)<br>College of Nursing |
| 2012 – 2014    | Research Assistant, Department of Epidemiology, College of Public Health & Health Professions, College of Medicine, University of Florida                    |
| 2010 – 2011    | Epidemiology Intern, Collier County Health Department, Naples Florida  |
| 2009 – 2010    | STD, HIV/AIDS & Hepatitis Intern, Lee County Health Department, Fort Myers Florida   |

### **Honors**

|      |   |
|------|---|
| 2022 | NIDA Health Disparities Research Loan Repayment Award   |
| 2022 | NIDA Diversity Scholars Network Scholar   |
| 2022 | 14 <sup>th</sup> International Women's and Children's Health and Gender (InWomen's) Group Travel Award                              |
| 2021 | NIDA Women & Sex/Gender Junior Investigator Travel Award, College on Problems of Drug Dependence 83 <sup>rd</sup> Annual Conference |

|      |   |
|------|---|
| 2019 | Center for Drug Use and HIV/HCV Research Scholarship  |
| 2019 | University of Washington Principles of STD/HIV Research Course Scholarship  |
| 2018 | Epidemiology and Population Health Summer Institute at Columbia University (EPIC) Scholarship from the National Institute of General Medical Sciences |
| 2018 | NIDA Director's Travel Award, College on Problems of Drug Dependence  |
| 2013 | "Bridging Public Health and Health Professions" Student Collaboration Grant<br>College of Public Health & Health Professions, University of Florida   |
| 2010 | The Rural South Public Health Training Center Fellowship  |

### C. Contributions to Science

1. Assessment of gender-specific health outcomes and needs among people who use drugs. The factors that influence drug use risk and subsequent impacts on health often differ among men and women, and understanding the gender-specific factors that drive risk of substance use is vital to developing and targeting appropriate prevention efforts. In some of my earliest work, I examined how an individual's planning and problem-solving abilities were associated with engaging in unsafe injection practices and HCV infection among people who injected drugs, and whether these relationships were different for men and women. We found that among men, poor planning ability was associated with increased risk of unsafe injection and HCV, but for women planning ability was not associated. These findings highlighted that women who injected drugs may not have the autonomy to decide the ways they would inject due to gendered power dynamics, indicating interventions seeking to reduce unsafe injection and disease risk would need to address these factors. In recent research, I have shown that factors that may be especially salient for women who use drugs, such as parenting responsibilities and avoiding treatment for fear of child welfare involvement, are associated with lower levels of engagement with harm reduction (e.g., overdose education and naloxone distribution) and higher prevalence of overdose among people who use opioids. I have also found that women who use drugs and are engaged in harm reduction services have significant sexual and reproductive health needs, which may be influenced by personal, social, and structural factors amenable to potential intervention.
  - a. **Scheidell JD**, Khan MR, Clifford LM, Dunne EM, Keen LD, Latimer WW. Gender differences in planning ability and Hepatitis C virus among people who inject drugs. *Addict Behav* 2015; 47: 33-7. PMID: PMC4417386
  - b. **Scheidell JD**, Hoff L, Khan MR, Bennett AS, Elliott L. Parenting and childcare responsibilities, harm reduction service engagement, and opioid overdose among women and men who use illicit opioids in New York City. *Drug Alcohol Dep Rep* 2022 Jun;3:100054. PMID: PMC9224239
  - c. **Scheidell JD**, Ataiants J, Lankenau SE. Miscarriage and abortion among women attending harm reduction services in Philadelphia: Correlations with individual, interpersonal, and structural factor. *Subst Use Misuse* 2022 ;57(6):999-1006. PMID: PMC9101319
  
2. Understanding the influence of stressful events and perceptions of stress on women's sexual and reproductive health. Stressful events and experiences are associated with a range of adverse health outcomes such as diabetes and cardiovascular disease, and also are linked to poor reproductive health outcomes such as preterm delivery and low birth weight. Independent of the actual events, the way in which an individual perceives these to be stressful may have influences on health above and beyond the stressor itself. Over time, chronic stress can affect the central and sympathetic nervous systems, causing inflammation and increased susceptibility to disease. Stress can also lead to maladaptive coping behaviors such as substance use and risk taking, which may also increase disease risk. Scant research has examined the influence of stressful events and perceived stress on risk of STI and related sequelae, such as pregnancy loss. In my work, I have examined in both domestic and international settings the ways in which stress is associated with STI-related risk behaviors and infection among women, including exploring subgroups that may be particularly vulnerable given pre-existing elevated levels of stress and adverse sexual and reproductive health, such as racial/ethnic minority women. I used advance epidemiologic and causal inference methods, including inverse probability of treatment weighting and mediation, to estimate unbiased main and mediated effects.
  - a. **Scheidell JD**, Thorpe LE, Adimora AA, Caniglia EC, Lejuez CW, Troxel AB, Khan MR. Perceived stress, sexually transmitted infection, and pelvic inflammatory disease: Examination of differences in associations among White and Black women. *Sex Transm Dis* 2020; 47(9): 617-24; PMID: PMC8034436

- b. **Scheidell JD**, Beau De Rochars VM, Séraphin MN, Hobbs MM, Morris JG, Célestin JP, Cottler LB, Khan MR. Socioeconomic vulnerability and sexually transmitted infection among pregnant Haitian women. *Sex Transm Dis*. 2018;45(9):626-631. PMID: PMC6086731
  - c. **Scheidell JD**, Dyer TV, Knittel A, Caniglia EC, Thorpe LE, Troxel AB, Lejuez CW, Khan MR. Incarceration and subsequent pregnancy loss: Sexually transmitted infections as mediating pathways. *J Womens Health (Larchmt)* 2021 May 28; PMID: 34061656
3. Evaluating the role of social support and networks on health among populations that are vulnerable. The stress-buffering hypothesis of social supports has shown that having supportive social networks can protect against a range of adverse health effects. Much of my work on social support networks has focused on individuals affected by the criminal legal system, considering that incarceration by design removes people from their networks and sources of social support. Among Black men who were incarcerated in North Carolina and in heterosexual committed partnerships at the time of prison entry, we found that perceiving low levels of support from one's significant other, family, and friends was associated with STI/HIV-related risk prior to incarceration, and that men whose partnerships remained intact during incarceration had reduced substance use and sexual risk behavior during the re-entry period compared to those whose relationships had ended. Among Black sexual minority men and transgender women, recent incarceration was associated with lower levels of emotional and affectionate support after re-entry, and that support networks were impacted by incarceration in this population. We have also shown the importance of social support and networks for people who use illicit opioids, finding that those who had smaller networks and social support from network members who used drugs were more likely to use opioids without protection with naloxone and reported higher prevalence of lifetime overdose.
    - a. **Scheidell JD**, Kapadia F, Turpin RE, Mazumdar M, Dyer TV, Feelemyer J, Cleland CM, Brewer R, Parker SD, Irvine NM, Remch M, Mayer KH, Khan MR. Incarceration, social support networks, and health among Black sexual minority men and transgender women: Evidence from the HPTN 061 study. *Int. J. Environ. Res. Public Health* 2022 Oct; 19(19): 12064. PMID: PMC9564690
    - b. **Scheidell JD**, Dyer TV, Hucks-Ortiz C, Abrams J, Mazumdar M, Cleland CM, Irvine NM, Turpin RE, Severe M, Mayer KH, Khan MR. Characterisation of social support following incarceration among Black sexual minority men and transgender women in the HPTN 061 cohort study. *BMJ Open* 2021 Sep 29;11(9):e053334. PMID: PMC8483031
    - c. Bennett AS, **Scheidell JD**, Bowles JM, Khan MR, Roth A, Hoff L, Marini C, Elliott L. Naloxone protection, social support, network characteristics, and overdose experiences among a cohort of people who use illicit opioids in New York City. *Harm Reduct J* 19, 20 (2022). PMID: PMC8894821
    - d. Coatsworth AM, **Scheidell JD**, Wohl DA, Whitehead NE, Golin CE, Judon-Monk S, Khan MR. HIV-related sexual risk among African American men preceding incarceration: Associations with support from significant others, family, and friends. *J Urban Health* 2017;94(1):136-148. PMID: PMC5359176
  4. Examination of the relationship between mental disorders and substance use and STI/HIV risk among individuals involved in the criminal justice system. Mental disorders may be especially important risk factors for substance use and STI/HIV risk for those involved in the criminal justice system, given that the prevalence of mental disorders is disproportionately higher in this group compared to those in the general population. Using data from a longitudinal cohort study of African American men being released from incarceration in North Carolina, we found that mood and personality disorder symptoms were associated with substance use and STI/HIV risk, as well as potential mediating factors such as reduced relationship stability and poor perceived social support. These findings have informed development of interventions for individuals who are incarcerated that incorporate techniques to address mental health to reduce substance use, improve relationships, and ultimately reduce STI/HIV risk. We have since expanded our focus of adverse effects of criminal justice involvement to Black sexual minority men, which is a group disproportionately targeted by the justice system and impacted by STI/HIV.
    - a. **Scheidell JD**, Lejuez CW, Golin CE, Hobbs MM, Wohl DA, Adimora AA, Khan MR. Borderline Personality Disorder Symptom Severity and Sexually Transmitted Infection and HIV Risk in African American Incarcerated Men. *Sex Transm Dis*. 2016;43(5):317-323. PMID: PMC4840466.
    - b. **Scheidell JD**, Lejuez CW, Golin CE, Adimora AA, Wohl DA, Keen II LD, Hammond M, Judon-Monk S, Khan MR. Patterns of mood and personality factors and associations with STI/HIV-related drug and sex

risk among African American male inmates. *Subst Use Misuse*. 2017;52(7):929-38. PMID: PMC5908473.

- c. Khan MR, Golin C, Friedman SR, **Scheidell JD**, Adimora AA, Judon-Monk S, Hobbs MM, Dockery G, Griffin S, Oza K, Myers D, Hu H, and Wohl DA. STI/HIV sexual risk behavior and prevalent STI among incarcerated African American men in committed partnerships: The significance of poverty, mood disorders, and substance use. *AIDS Behav* 2015;19(8): 1478-90. PMID: PMC4526321

5. Adverse childhood experiences as a driver of substance use, STI/HIV risk, and criminal justice involvement across the life course. The strong relationship between childhood adverse experiences and poor health outcomes has been documented in primarily cross-sectional, non-representative samples, but there remained a need to examine the independent and synergistic effects of a range of adverse experiences during childhood on HIV-related substance use, sexual risk, and criminal justice involvement in a nationally-representative longitudinal sample. Using Add Health, we found that diverse types of childhood trauma, including abuse, neglect, household dysfunction, and violence, as well as the cumulative number experienced, were associated with drug use, STI/HIV risk, and criminal justice involvement from adolescence into adulthood. We also examined factors that may explain the strong relationship between childhood trauma and these outcomes, highlighting the importance of early antisocial and delinquent behaviors. These findings have underscored the need to screen for and address a range of childhood traumatic experiences to prevent later risk, and the importance of intervening on early delinquency to prevent a trajectory of risk across the life course.

- a. **Scheidell JD**, Quinn K, McGorray SP, Frueh BC, Beharie NN, Cottler LB, Khan MR. Childhood traumatic experiences and the association with marijuana and cocaine use in adolescence through adulthood. *Addiction*. 2018;113(1):44-56. PMID: PMC5725274.
- b. London S, Quinn K, **Scheidell JD**, Frueh BC, Khan MR. Adverse experiences in childhood and sexually transmitted infection risk from adolescence into adulthood. *Sex Transm Dis*. 2017;44(9):524-532. PMID: PMC5942895
- c. **Scheidell JD**, Dyer TV, Severe M, Tembunde YE, Young KE, Khan MR. Childhood traumatic experiences and receptive anal intercourse among women. *Perspect Sex Reprod Health*. 2020; 52(1): 23-30. PMID: PMC8034482
- d. **Scheidell JD**, Kumar PC, Champion T, Quinn K, Beharie N, McGorray SP, Khan MR. Childhood sexual abuse and HIV-related substance use and sexual risk across the life-course among males and females. *J Child Sex Abus* 2017;26(5):519-534. PMID: PMC594371

Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/1-Qyi2DMe5mQQ/bibliography/public/>

## **Appendix J**

### **Sample Job Postings in Florida**

1. Health Education Specialists
2. Registered Dietitian Nutritionists



We found **30** jobs by **Indeed** for **21-1091/Health Education Specialists** in **Florida**.

| <b>Job Title</b>  | <b>Company</b>  | <b>Location</b>     | <b>Date Posted</b> |
|---|---|---------------------|--------------------|
| <a href="#">Prevention &amp; Education Specialist</a>       | Kristi House  | Miami, FL           | 05/25/2023         |
| <a href="#">Wellness Education Specialist</a>               | Florida Department of Corrections   | Bowling Green, FL   | 06/25/2023         |
| <a href="#">Wellness Specialist (Health Care Services)</a>  | Hillsborough County, Florida  | Tampa, FL           | 06/27/2023         |
| <a href="#">Wellness Specialist</a>                         | Life Extension Foundation Buyers Club Inc                                   | Fort Lauderdale, FL | 06/08/2023         |
| <a href="#">HUMAN SERVICES PROGRAM SPECIALIST</a>           | The State of Florida  | Orlando, FL         | 06/20/2023         |
| <a href="#">HIV Program Specialist 1</a>                    | CAN Community Health Inc  | Broward County, FL  | 06/08/2023         |
| <a href="#">Prevention Specialist - School Based</a>        | DISC Village, Inc.  | Tallahassee, FL     | 06/21/2023         |
| <a href="#">Violence Prevention Specialist</a>              | Gulf Coast JFCS   | Dunedin, FL         | 06/22/2023         |
| <a href="#">OPS EDUCATION AND TRAINING SPECIALIST</a>       | The State of Florida  | Bonifay, FL         | 06/30/2023         |
| <a href="#">FDC-WELLNESS EDUCATION SPECIALIST I F/C</a>     | The State of Florida  | Raiford, FL         | 06/23/2023         |
| <a href="#">Prevention Specialist</a>                       | Manatee County Substance Abuse Prevention Coalition d/b/a Drug Free Manatee | Bradenton, FL       | 05/30/2023         |
| <a href="#">HUMAN SERVICES PROGRAM SPECIALIST - SES</a>     | The State of Florida  | Marianna, FL        | 06/07/2023         |
| <a href="#">Exercise Specialist, Fitness &amp; Wellness</a> | UF Health Shands Hospital   | Gainesville, FL     | 05/25/2023         |
| <a href="#">Prevention Specialist</a>                       | Safe Children Coalition Inc   | Bradenton, FL       | 06/07/2023         |
| <a href="#">Therapist / Wellness Specialist</a>             | Borinquen Health Care Center, Inc   | Miami, FL           | 06/27/2023         |
| <a href="#">Prevention Specialist</a>                       | New Horizons of the Treasure Coast Inc.                                     | Vero Beach, FL      | 05/18/2023         |
| <a href="#">Prevention Specialist</a>                       | VILLAGE SOUTH INC   | Miami, FL           | 06/27/2023         |

| <b>Job Title</b>  | <b>Company</b>               | <b>Location</b>      | <b>Date Posted</b> |
|---|------------------------------|----------------------|--------------------|
| <a href="#">SENIOR HUMAN SERVICES PROGRAM SPECIALIST</a>                              | The State of Florida         | Fort Lauderdale, FL  | 06/21/2023         |
| <a href="#">On Site Health and Wellness Specialist (Part- Time/Per Diem, Florida)</a> | JobSiteCare                  | Lakeland, FL         | 06/23/2023         |
| <a href="#">OPS HUMAN SERVICES PROGRAM SPECIALIST</a>                                 | The State of Florida         | Miami, FL            | 06/23/2023         |
| <a href="#">Prevention Specialist</a>   | Eckerd Connects              | Merritt Island, FL   | 06/29/2023         |
| <a href="#">Wellness Specialist</a>   | Esplanade at Lakewood Ranch  | Bradenton, FL        | 06/20/2023         |
| <a href="#">Therapist / Wellness Specialist</a>                                       | Borinquen Health Care Center | Miami, FL            | 06/27/2023         |
| <a href="#">Wellness Specialist</a>   | Children's Home Network      | Largo, FL            | 05/23/2023         |
| <a href="#">On Site Health and Wellness Specialist</a>                                | JobSiteCare                  | Fellsmere, FL        | 06/08/2023         |
| <a href="#">Prevention Specialist</a>   | GUIDANCE CARE CENTER INC     | Key West, FL         | 06/27/2023         |
| <a href="#">On Site Health and Wellness Specialist (Per Diem)</a>                     | JobSiteCare                  | Lake Buena Vista, FL | 06/26/2023         |
| <a href="#">Family Coach (Social Services/Public Health Professional)</a>             | ConnectFamilias, Inc         | Miami, FL            | 06/26/2023         |
| <a href="#">Prevention Specialist</a>   | Operation PAR, Inc.          | Saint Petersburg, FL | 06/20/2023         |
| <a href="#">Prevention Specialist</a>   | Operation Par Inc.           | Saint Petersburg, FL | 06/20/2023         |

This information was retrieved on July 01, 2023 at 2:31 PM Eastern Time from Job Finder at CareerOneStop ([www.careeronestop.org](http://www.careeronestop.org)), sponsored by the U.S. Department of Labor, Employment and Training Administration.

<https://www.careeronestop.org/Credentials/Toolkit/find-jobs.aspx>

Job postings come from Indeed ([www.indeed.com](http://www.indeed.com)).



Sample Job Ads for Health Educator/Health Education Specialist  
Source: Indeed.com (July 2023)

### Health Educator/Project STOP


Jewish Community Services of South Florida  
Miami, FL 33138 (Upper Eastside area)

\$30 - \$35 an hour Part-time Monday to Friday +1

- Minimum of two (2) years' experience in **health** and prevention programs working with youth and young adults.
- The PT **Health** Educator will provide direct service...

### Health & Wellness Manager - Memory Care Community!

Inspired Living  
Sun City Center, FL 33573

 Estimated \$62.9K - \$79.7K a year ? Full-time

- Residents personal and **health** care needs through a generous spirit.
- Provides training and **education** to new RNs, LPNs and Resident Care Partners on an ongoing...

### Clinical Health Coach - Care Continuum Community Hlth, Full Time

Health First  
Rockledge, FL 32955

 Estimated \$50.6K - \$64.1K a year ? Full-time

- O Ability to develop **health education** materials and tailor information at the appropriate level of literacy.
- Document interactions and interventions as directed...



## Lead Community Health Worker



University of Florida

Gainesville, FL 32611

\$51,251 - \$54,000 a year

Full-time

Weekends as needed +2

- Supervises, mentors and trains volunteers with **health education** and public **health** careers.
- Establishes schedule to cover HealthStreet front desk with staff and...

## Program Coordinator, Youth Substance Abuse Prevention Programming



Gang Alternative

Broward County, FL

\$50,000 - \$60,000 a year

Full-time

- Ensure effective administration of substance use assessments and mental **health** assessments that identify service needs and recommend options for care.

## Wellness Manager



Detwiler's Operations, Inc

Sarasota, FL 34239 (Arlington Park area)

\$50,000 - \$60,000 a year

Full-time

- Use resources to continue learning about **health** topics.
- Adhere to all local, state, and federal **health** and civil code regulations including full compliance with...

## Benefits & Wellness Advisor



Orange County Government

Orlando, FL 32801 (Central Business District area)

\$68,577 - \$89,148 a year Full-time

- Bachelor's degree from an accredited institution in Human Resources Management, Business, Public Administration, or a closely related field and four years of...

## Holistic Coach



Berman Physical Therapy

Naples, FL 34102 (Lake Park area)

\$60,000 - \$80,000 a year Full-time

- Maintain updated license and continuing **education** hours.
- Strong communication skills and the ability to positively interact with professional and non...

## Community Education Program Director



Refuge House

Tallahassee, FL 32316

Estimated \$46.4K - \$58.7K a year

- Provides supervision to prevention programming, facilitates community **education** and training on domestic violence, sexual assault, and the dynamics of...

## Health Coach and Educator



AdventHealth

Sebring, FL 33871

\$21.18 - \$31.77 an hour Full-time Day shift

- Solid understanding of lifestyle-related **health** and behavioral **health** issues.
- The **Health** Coach and Educator's primary responsibility is providing wellness...

## Wellness Coach



Health Care District of Palm Beach County

West Palm Beach, FL 33401

Estimated \$48.5K - \$61.5K a year

- Administers program activities aimed at eliminating **health** risk factors and improving employee **health** and well-being, including physical fitness, weight...

## WELLNESS COORDINATOR



COMMUNITY HEALTH OF SOUTH DADE, INC

Miami, FL 33190

Estimated \$45.3K - \$57.4K a year Full-time

- Develop partnerships with external **health** resource agencies.
- Experience in **health** care setting is desired.
- Target major **health** risk categories as identified;...



State of Florida

## SENIOR HEALTH EDUCATOR

Umatilla, FL

\$40K - \$66K / year (est.)

This position provides quality assurance reviews and training to Nutrition Educators and Competent Professional Authority (CPAs). This position also provides nutrition assessment, nutrition education, breastfeeding. [Read More](#)

[View Job](#)

### Physical & Mental Health Wellness Coach



Evava Health

Clearwater, FL 33760

Estimated \$41.8K - \$53K a year

- At Evava **Health** you will enjoy a progressive belief in work/life balance with up to 200 hours of PTO in your first year and in addition to 10 paid federal...

### Director of Community Health



YMCA of South Florida

Miami, FL 33142

Estimated \$41.6K - \$52.7K a year **Full-time**

**Weekends as needed**

- Knowledge of basic **health** information, interventions and resources.
- Under the direction of the AED of Community **Health** Strategies, the Director of Community...

### **Community Health Worker Supervisor - Healthy Start Grant**



Johns Hopkins All Children's Hospital  
Saint Petersburg, FL

**Full-time** **Day shift +1**

- JHM prioritizes the **health** and well-being of every employee.
- The Community **Health** Worker Supervisor works autonomously as appropriate, but, seeks guidance from...

### **Health & Wellness Coach**



Valor Healthcare, Inc.  
Stuart, FL 34994

**Full-time**

- Complete 50 **health** and wellness coaching sessions; and.
- Provides **health** coaching for patients to reduce or eliminate high-risk behaviors while increasing...

### **Community Health Worker**



Primary Partners LLC- Corporate Office located in...  
Hybrid remote in Clermont, FL 34711

**From \$24 an hour** **Full-time** **Monday to Friday +2**

- Helping people understand their **health** condition(s) and develop strategies to improve their **health** and well-being.
- Strong task and time management skills.

## Health Educator Pool



BayCare

Remote in Clearwater, FL

Estimated \$38.2K - \$48.4K a year

Day shift +3

- The **Health** Educator is responsible for reviewing screening assessments, identifying risk factors and discussing lifestyle changes with customers, refers...

## Wellness Specialist



Life Extension Foundation Buyers Club Inc

Fort Lauderdale, FL 33309

Estimated \$40.4K - \$51.2K a year

Full-time

Overtime

- Research and convey complex health-related (and scientific) information in an educated, reassuring, and professional manner while in a real-time environment.

## On Site Health and Wellness Specialist (Desoto County, Arcadia, Florida)



JobSiteCare

Arcadia, FL 34269

\$18 - \$25 an hour Full-time Overtime +1

- Complies with all state and federal regulations and organization confidentiality policies including HIPAA regulations to protect patient **health** information.

## Benefits and Wellness Coordinator



Storage Rentals of America

West Palm Beach, FL 33401

Estimated \$40.5K - \$51.3K a year

- Plan and coordinate activities such as **health** screenings, **health** fairs, nutrition and exercise programs.
- Collaborate with other departments to promote a culture...

## Educator - Community Health Resources: SOUTH - Rehab Inst Bus Develop



Memorial Healthcare System

Hollywood, FL 33021 (Hillcrest area)

Estimated \$41.5K - \$52.6K a year

- Increases awareness of clinical services provided by developing relationships and affiliations with referring physicians and healthcare facilities in the region...

[View all 2 available locations](#)

## HIV Health Educator



Metro Inclusive Health  
Saint Petersburg, FL

Estimated \$39K - \$49.4K a year

Full-time

- Bachelors Degree in the human services/health related field OR comparable years of qualifying experience, (experience in **education** and HIV prevention activities...

[View all 3 available locations](#)

## Community Healthcare Worker



MyCare Medical Group  
Largo, FL 33771

\$45,000 - \$65,000 a year

Full-time

- Assist patients in specific communities or with targeted populations to help manage social determinants of **health** (SDOH) and promote favorable **health** outcomes.

## Exercise Specialist, Fitness & Wellness Center



UF Health Shands Hospital  
Gainesville, FL 32608

\$19.65 - \$24.52 an hour

- Experience in **health** care or wellness environment desired.
- Educates members, **health** professionals and students about wellness.



## Health and Wellness Professional



Stretch Zone - 1017

Cooper City, FL 33330

\$20 - \$25 an hour

Full-time

- Stretch Zone seeks to improve client **health** and wellness.
- \$20 to \$25 Hourly.
- Paid In-house stretching certification and training provided.

## Prevention Specialist



Jewish Family & Community Services, Inc.

Jacksonville, FL 32256 (Deerwood Center area)

 Estimated \$38.6K - \$48.9K a year 

Full-time

- Provide preventative **education** and counsel to at-risk populations to protect their **health**, safety, and welfare.
- Assess families for risk of abuse and neglect.



We found 71 jobs by Indeed for 29-1031.00/Dietitians and Nutritionists in Florida.

| Job Title  | Company                               | Location             | Date Posted |
|--|---------------------------------------|----------------------|-------------|
| <a href="#">Health Coach or Nutritionist</a>                       | Axe Holistic Medicine                 | Tampa, FL            | 06/21/2023  |
| <a href="#">NUTRITION EDUCATOR</a>                                 | The State of Florida                  | Jacksonville, FL     | 06/16/2023  |
| <a href="#">OPS SENIOR PUBLIC HEALTH NUTRITIONIST</a>              | The State of Florida                  | West Palm Beach, FL  | 06/28/2023  |
| <a href="#">Registered Dietitian</a>                               | MMI Hospitality Group                 | Saint Petersburg, FL | 06/16/2023  |
| <a href="#">Nutritionist</a>                                       | Cancer Specialists of North Florida   | Jacksonville, FL     | 06/28/2023  |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST</a>                  | The State of Florida                  | Jacksonville, FL     | 06/14/2023  |
| <a href="#">PUBLIC HEALTH NUTRITIONIST</a>                         | The State of Florida                  | Panama City, FL      | 05/17/2023  |
| <a href="#">PUBLIC HEALTH NUTRITIONIST SUPERVISOR</a>              | The State of Florida                  | Clearwater, FL       | 06/13/2023  |
| <a href="#">Dietitian - Clinical: MHW - Food &amp; Nutrition</a>   | Memorial Healthcare System            | Pembroke Pines, FL   | 06/24/2023  |
| <a href="#">Dietitian - Healthy Weight Initiative</a>              | Johns Hopkins All Children's Hospital | Saint Petersburg, FL | 06/26/2023  |
| <a href="#">Dietitian / Nutritionist</a>                           | Sanitas                               | Tallahassee, FL      | 06/23/2023  |
| <a href="#">Nutritionist/ Meal Preparer</a>                        | 365 Wellness Solutions                | Coral Gables, FL     | 05/30/2023  |
| <a href="#">Dietitian-PRN</a>                                      | Lakeview Health                       | Jacksonville, FL     | 06/20/2023  |
| <a href="#">Nutrition Coordinator for Wellness Clinic</a>          | ageRejuvenation                       | Tampa, FL            | 06/26/2023  |
| <a href="#">Supervisory Dietitian (Food Operations)</a>            | US Veterans Health Administration     | Tampa, FL            | 06/22/2023  |
| <a href="#">Nutritionist</a>                                       | HSK IT Solutions India Pvt. Ltd.      | Sanford, FL          | 06/15/2023  |
| <a href="#">Preschool Nutritionist- 7666 Wallace Rd.</a>           | Children's Courtyard                  | Orlando, FL          | 06/14/2023  |
| <a href="#">Nutritionist</a>                                       | Hanker System's Inc.                  | Casselberry, FL      | 06/15/2023  |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST SUPV</a>             | The State of Florida                  | Auburndale, FL       | 06/20/2023  |
| <a href="#">Dietitian - Clinical: SOUTH - Food &amp; Nutrition</a> | Memorial Healthcare System            | Hollywood, FL        | 05/17/2023  |
| <a href="#">Registered dietitian nutritionist</a>                  | The Dietitian Group                   | Miami, FL            | 06/25/2023  |



We found **234** jobs by **National Labor Exchange** for **29-1031.00/Dietitians and Nutritionists** in **Florida**.

| <b>Job Title</b>  | <b>Company</b>                  | <b>Location</b>     | <b>Date Posted</b> | <b>Federal Contractor</b> |
|---|---------------------------------|---------------------|--------------------|---------------------------|
| <a href="#">Registered Dietitian Nutritionist</a>                         | NexDine                         | West Palm Beach, FL | 12/22/2022         | No                        |
| <a href="#">PRN Registered Dietitian Nutritionist</a>                     | NexDine                         | West Palm Beach, FL | 06/01/2023         | No                        |
| <a href="#">Dietitian Nutritionist I - Healthcare</a>                     | Sodexo                          | LAKE CITY, FL       | 06/22/2023         | Yes                       |
| <a href="#">Dietitian Nutritionist II - Healthcare</a>                    | Sodexo                          | OCALA, FL           | 06/22/2023         | Yes                       |
| <a href="#">Dietitian Nutritionist I - Healthcare</a>                     | Sodexo                          | OCALA, FL           | 06/22/2023         | Yes                       |
| <a href="#">Dietitian Nutritionist I-Regional Support - HC</a>            | Sodexo                          | Miami, FL           | 05/26/2023         | Yes                       |
| <a href="#">Dietitian Nutritionist I-Regional Support - HC</a>            | Sodexo                          | Orlando, FL         | 05/26/2023         | Yes                       |
| <a href="#">Dietitian Nutritionist I-Regional Support - HC</a>            | Sodexo                          | Jacksonville, FL    | 05/26/2023         | Yes                       |
| <a href="#">Dietitian Nutritionist I-Regional Support - HC</a>            | Sodexo                          | PENSACOLA, FL       | 05/26/2023         | Yes                       |
| <a href="#">Clinical Dietitian I - HRMC Clinical Dietitians, Per Diem</a> | Health First                    | Melbourne, FL       | 06/14/2023         | No                        |
| <a href="#">Registered Dietitian</a>                                      | Healthcare Services Group, Inc. | LAKE MARY, FL       | 05/16/2023         | No                        |
| <a href="#">Registered Dietitian</a>                                      | Healthcare Services Group, Inc. | GAINESVILLE, FL     | 05/16/2023         | No                        |
| <a href="#">Registered Dietitian</a>                                      | Healthcare Services Group, Inc. | APOPKA, FL          | 05/16/2023         | No                        |
| <a href="#">Clinical Dietician PRN</a>                                    | AdventHealth                    | Lake Wales, FL      | 06/09/2023         | Yes                       |
| <a href="#">Registered Dietitian</a>                                      | MMI Hospitality Group           | St. Petersburg, FL  | 06/17/2023         | No                        |
| <a href="#">Clinical Dietitian II- Broward Health Medical Center</a>      | ARAMARK                         | Ft Lauderdale, FL   | 06/14/2023         | Yes                       |
| <a href="#">Clinical Dietitian I- Broward Health Medical Center</a>       | ARAMARK                         | Ft Lauderdale, FL   | 06/13/2023         | Yes                       |
| <a href="#">Clinical Dietitian Advanced</a>                               | AdventHealth                    | Ocala, FL           | 06/09/2023         | Yes                       |
| <a href="#">PRN Clinical Dietitian - BHMC</a>                             | ARAMARK                         | Fort Lauderdale, FL | 04/23/2023         | Yes                       |
| <a href="#">PRN Clinical Dietitian - Broward Health Medical Center</a>    | ARAMARK                         | Fort Lauderdale, FL | 04/21/2023         | Yes                       |

| <b>Job Title</b>   | <b>Company</b>                        | <b>Location</b>       | <b>Date Posted</b> |
|--|---------------------------------------|-----------------------|--------------------|
| <a href="#">Part-Time Dietitian- Broward Health Medical Center</a>         | Aramark                               | Fort Lauderdale, FL   | 05/20/2023         |
| <a href="#">Dietitian PRN</a>  | HCA Florida Sarasota Doctors Hospital | Sarasota, FL          | 06/24/2023         |
| <a href="#">Clinical Dietitian I- Broward Health North - Pompano Beach</a> | Aramark                               | Pompano Beach, FL     | 06/27/2023         |
| <a href="#">PRN Registered Dietitian Nutritionist</a>                      | NexDine                               | West Palm Beach, FL   | 05/31/2023         |
| <a href="#">Certified Diabetes Educator</a>                                | Lee Health                            | Bonita Springs, FL    | 06/15/2023         |
| <a href="#">Clinical Dietitian</a>   | Halifax Hospital Medical Center       | Daytona Beach, FL     | 05/17/2023         |
| <a href="#">Dietitian</a>  | UF Health Shands Hospital             | Gainesville, FL       | 05/26/2023         |
| <a href="#">Clinical Dietitian Advanced</a>                                | AdventHealth Ocala                    | Ocala, FL             | 06/09/2023         |
| <a href="#">Clinical Dietician PRN</a>                                     | AdventHealth Lake Wales               | Lake Wales, FL        | 06/09/2023         |
| <a href="#">Nutritionist/Registered Dietitian</a>                          | Berman Physical Therapy               | Naples, FL            | 06/06/2023         |
| <a href="#">Registered Dietitian</a>                                       | RD Nutrition Consultants              | Fort Walton Beach, FL | 06/05/2023         |
| <a href="#">Clinical Dietitian I- Broward Health Medical Center</a>        | Aramark                               | Fort Lauderdale, FL   | 06/13/2023         |
| <a href="#">Dietician PRN</a>  | HCA Florida Citrus Hospital           | Inverness, FL         | 06/28/2023         |
| <a href="#">Dietitian PT</a>   | HCA Florida Brandon Hospital          | Brandon, FL           | 06/27/2023         |
| <a href="#">Dietitian PRN</a>  | HCA Florida Bayonet Point Hospital    | Hudson, FL            | 06/28/2023         |
| <a href="#">Dietitian PRN</a>  | HCA Florida Brandon Hospital          | Brandon, FL           | 06/23/2023         |
| <a href="#">Dietician PRN</a>  | HCA Florida Brandon Hospital          | Brandon, FL           | 06/27/2023         |
| <a href="#">Registered Dietitian</a>                                       | My Health Onsite                      | Wesley Chapel, FL     | 06/30/2023         |
| <a href="#">Dietitian PRN</a>  | HCA Florida Blake Hospital            | Bradenton, FL         | 06/28/2023         |
| <a href="#">Dietitian - CVICU</a>  | Johns Hopkins All Children's Hospital | Saint Petersburg, FL  | 06/26/2023         |
| <a href="#">Registered Dietitian (Hospital) Full Time</a>                  | Holy Cross Hospital                   | Fort Lauderdale, FL   | 06/16/2023         |
| <a href="#">Dietitian PRN</a>  | HCA Florida Oak Hill Hospital         | Brooksville, FL       | 06/22/2023         |
| <a href="#">Dietitian</a>  | HCA Florida Oak Hill Hospital         | Brooksville, FL       | 06/22/2023         |

This information was retrieved on July 01, 2023 at 2:27 PM Eastern Time from Job Finder at CareerOneStop ([www.careeronestop.org](http://www.careeronestop.org)), sponsored by the U.S. Department of Labor, Employment and Training Administration.



We found **234** jobs by **National Labor Exchange** for **29-1031.00/Dietitians and Nutritionists** in **Florida**.

| Job Title   | Company                         | Location            | Date Posted | Federal Contractor |
|---|---------------------------------|---------------------|-------------|--------------------|
| <a href="#">Registered Dietitian Nutritionist</a>                         | NexDine                         | West Palm Beach, FL | 12/22/2022  | No                 |
| <a href="#">PRN Registered Dietitian Nutritionist</a>                     | NexDine                         | West Palm Beach, FL | 06/01/2023  | No                 |
| <a href="#">Dietitian Nutritionist I - Healthcare</a>                     | Sodexo                          | LAKE CITY, FL       | 06/22/2023  | Yes                |
| <a href="#">Dietitian Nutritionist II - Healthcare</a>                    | Sodexo                          | OCALA, FL           | 06/22/2023  | Yes                |
| <a href="#">Dietitian Nutritionist I - Healthcare</a>                     | Sodexo                          | OCALA, FL           | 06/22/2023  | Yes                |
| <a href="#">Dietitian Nutritionist I-Regional Support - HC</a>            | Sodexo                          | Miami, FL           | 05/26/2023  | Yes                |
| <a href="#">Dietitian Nutritionist I-Regional Support - HC</a>            | Sodexo                          | Orlando, FL         | 05/26/2023  | Yes                |
| <a href="#">Dietitian Nutritionist I-Regional Support - HC</a>            | Sodexo                          | Jacksonville, FL    | 05/26/2023  | Yes                |
| <a href="#">Dietitian Nutritionist I-Regional Support - HC</a>            | Sodexo                          | PENSACOLA, FL       | 05/26/2023  | Yes                |
| <a href="#">Clinical Dietitian I - HRMC Clinical Dietitians, Per Diem</a> | Health First                    | Melbourne, FL       | 06/14/2023  | No                 |
| <a href="#">Registered Dietitian</a>                                      | Healthcare Services Group, Inc. | LAKE MARY, FL       | 05/16/2023  | No                 |
| <a href="#">Registered Dietitian</a>                                      | Healthcare Services Group, Inc. | GAINESVILLE, FL     | 05/16/2023  | No                 |
| <a href="#">Registered Dietitian</a>                                      | Healthcare Services Group, Inc. | APOPKA, FL          | 05/16/2023  | No                 |
| <a href="#">Clinical Dietician PRN</a>                                    | AdventHealth                    | Lake Wales, FL      | 06/09/2023  | Yes                |
| <a href="#">Registered Dietitian</a>                                      | MMI Hospitality Group           | St. Petersburg, FL  | 06/17/2023  | No                 |
| <a href="#">Clinical Dietitian II- Broward Health Medical Center</a>      | ARAMARK                         | Ft Lauderdale, FL   | 06/14/2023  | Yes                |
| <a href="#">Clinical Dietitian I- Broward Health Medical Center</a>       | ARAMARK                         | Ft Lauderdale, FL   | 06/13/2023  | Yes                |
| <a href="#">Clinical Dietitian Advanced</a>                               | AdventHealth                    | Ocala, FL           | 06/09/2023  | Yes                |
| <a href="#">PRN Clinical Dietitian - BHMC</a>                             | ARAMARK                         | Fort Lauderdale, FL | 04/23/2023  | Yes                |
| <a href="#">PRN Clinical Dietitian - Broward Health Medical Center</a>    | ARAMARK                         | Fort Lauderdale, FL | 04/21/2023  | Yes                |

| <b>Job Title</b>   | <b>Company</b>                                   | <b>Location</b>      | <b>Date Posted</b> | <b>Federal Contractor</b> |
|--|--|----------------------|--------------------|---------------------------|
| <a href="#">Supervisory Dietitian (Clinical Nutrition)</a>                 | Veterans Affairs, Veterans Health Administration | West Palm Beach, FL  | 06/23/2023         | No                        |
| <a href="#">Part-Time Dietitian- Broward Health Medical Center</a>         | ARAMARK  | Fort Lauderdale, FL  | 05/20/2023         | Yes                       |
| <a href="#">Full Time Registered Dietitian (Hospital)</a>                  | Trinity Health                                   | Ft. Lauderdale, FL   | 04/13/2023         | Yes                       |
| <a href="#">Clinical Dietitian I- Broward Health North - Pompano Beach</a> | ARAMARK  | Pompano Beach, FL    | 06/28/2023         | Yes                       |
| <a href="#">PUBLIC HEALTH NUTRITIONIST SUPERVISOR - 64058862 1</a>         | MyFlorida  | CLEARWATER, FL       | 06/14/2023         | No                        |
| <a href="#">Supervisory Dietitian Clinical Nutrition</a>                   | Veterans Affairs, Veterans Health Administration | Tampa, FL            | 06/25/2023         | No                        |
| <a href="#">Supervisory Dietitian Clinical Nutrition</a>                   | Veterans Affairs, Veterans Health Administration | Tampa, FL            | 06/25/2023         | No                        |
| <a href="#">Supervisory Dietitian Food Operations</a>                      | Veterans Affairs, Veterans Health Administration | Tampa, FL            | 06/25/2023         | No                        |
| <a href="#">Supervisory Dietitian (Food Operations)</a>                    | Veterans Affairs, Veterans Health Administration | Tampa, FL            | 06/25/2023         | No                        |
| <a href="#">Supervisory Dietitian Food Operations</a>                      | Veterans Affairs, Veterans Health Administration | Tampa, FL            | 06/25/2023         | No                        |
| <a href="#">Dietitian (Facility Program Coordinator)</a>                   | Veterans Affairs, Veterans Health Administration | Gainesville, FL      | 06/17/2023         | No                        |
| <a href="#">Supervisory Dietitian (Food Operations)</a>                    | Veterans Affairs, Veterans Health Administration | Tampa, FL            | 06/25/2023         | No                        |
| <a href="#">Dietitian (Facility Program Coordinator)</a>                   | Veterans Affairs, Veterans Health Administration | Gainesville, FL      | 06/17/2023         | No                        |
| <a href="#">Dietitian (Clinical)</a>                                       | Veterans Affairs, Veterans Health Administration | Ocala, FL            | 06/23/2023         | No                        |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST - 64029126</a>               | MyFlorida  | PINELLAS PARK, FL    | 06/14/2023         | No                        |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST - 64029110 1</a>             | MyFlorida  | SAINT PETERSBURG, FL | 06/13/2023         | No                        |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST SUPV - 64004810</a>          | MyFlorida  | JACKSONVILLE, FL     | 05/16/2023         | No                        |

| <b>Job Title</b>   | <b>Company</b>                                   | <b>Location</b>     | <b>Date Posted</b> | <b>Federal Contractor</b> |
|--|--|---------------------|--------------------|---------------------------|
| <a href="#">Registered Dietitian</a>                                     | Dialysis Clinic, Inc.                            | Jacksonville, FL    | 06/12/2023         | No                        |
| <a href="#">OPS SENIOR PUBLIC HEALTH NUTRITIONIST - 64853475</a>         | MyFlorida  | TAMPA, FL           | 05/19/2023         | No                        |
| <a href="#">Dietitian (Clinical)</a>                                     | Veterans Affairs, Veterans Health Administration | Ocala, FL           | 06/23/2023         | No                        |
| <a href="#">OPS PUBLIC HEALTH NUTRITIONIST - 64959344</a>                | MyFlorida  | SANFORD, FL         | 03/25/2023         | No                        |
| <a href="#">OPS SENIOR PUBLIC HEALTH NUTRITIONIST - 64950023</a>         | MyFlorida  | WEST PALM BEACH, FL | 06/29/2023         | No                        |
| <a href="#">Registered Dietitian NE</a>                                  | Cleveland Clinic                                 | Vero Beach, FL      | 04/07/2023         | Yes                       |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST - 64086409</a>             | MyFlorida  | DELRAY BEACH, FL    | 06/15/2023         | No                        |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST - 64084243</a>             | MyFlorida  | JACKSONVILLE, FL    | 06/15/2023         | No                        |
| <a href="#">OPS SENIOR PUBLIC HEALTH NUTRITIONIST - 64929132</a>         | MyFlorida  | TAMPA, FL           | 04/19/2023         | No                        |
| <a href="#">Dietitian (Clinical - Inpatient) - Lake City, FL</a>         | Veterans Affairs, Veterans Health Administration | Lake City, FL       | 05/03/2023         | No                        |
| <a href="#">Dietitian (Clinical - CLC) - Lake City, FL</a>               | Veterans Affairs, Veterans Health Administration | Lake City, FL       | 05/03/2023         | No                        |
| <a href="#">Dietitian (Clinical - Inpatient) - Lake City, FL</a>         | Veterans Affairs, Veterans Health Administration | Lake City, FL       | 05/03/2023         | No                        |
| <a href="#">Dietitian (Clinical - CLC) - Lake City, FL</a>               | Veterans Affairs, Veterans Health Administration | Lake City, FL       | 05/03/2023         | No                        |
| <a href="#">PUBLIC HEALTH NUTRITIONIST - 64054271</a>                    | MyFlorida  | PANAMA CITY, FL     | 05/18/2023         | No                        |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST - 64005675</a>             | MyFlorida  | SANFORD, FL         | 03/25/2023         | No                        |
| <a href="#">Dietitian-Diabetes Educator Endocrinology</a>                | Ascension Health                                 | Jacksonville, FL    | 06/07/2023         | Yes                       |
| <a href="#">PUBLIC HEALTH NUTRITIONIST SUPERVISOR - 64003034 1 1 1 1</a> | MyFlorida  | BRADENTON, FL       | 09/08/2022         | No                        |

| <b>Job Title</b>  | <b>Company</b>             | <b>Location</b>      | <b>Date Posted</b> | <b>Federal Contractor</b> |
|---|----------------------------|----------------------|--------------------|---------------------------|
| <a href="#">PUBLIC HEALTH NUTRITION CONSULTANT - 64027725</a>   | MyFlorida                  | TALLAHASSEE, FL      | 04/25/2023         | No                        |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST - 64005658</a>  | MyFlorida                  | LARGO, FL            | 04/12/2023         | No                        |
| <a href="#">Dietitian - Clinical, PT-Days,\$1250 Sign on Bonus, MRH: MRH - Food &amp; Nutrition</a>           | Memorial Healthcare System | Hollywood, FL        | 06/25/2023         | No                        |
| <a href="#">Dietitian - Clinical: MHW - Food &amp; Nutrition</a>  | Memorial Healthcare System | Pembroke Pines, FL   | 06/25/2023         | No                        |
| <a href="#">Dietitian</a>   | University of Miami        | Miami, FL            | 04/13/2023         | No                        |
| <a href="#">Dietitian - Clinical, FT-Days, \$2500K Sign On Bonus, MHW: MHW - Food &amp; Nutrition</a>         | Memorial Healthcare System | Pembroke Pines, FL   | 06/23/2023         | No                        |
| <a href="#">PUBLIC HEALTH NUTRITION CONSULTANT - 64035865 1</a>   | MyFlorida                  | TALLAHASSEE, FL      | 03/22/2023         | No                        |
| <a href="#">Dietitian - Clinical: SOUTH - Food &amp; Nutrition</a>  | Memorial Healthcare System | Hollywood, FL        | 06/10/2023         | No                        |
| <a href="#">Dietitian - Clinical: SOUTH - Food &amp; Nutrition</a>  | Memorial Healthcare System | Hollywood, FL        | 06/01/2023         | No                        |
| <a href="#">PUBLIC HEALTH NUTRITIONIST SUPERVISOR 1</a>   | MyFlorida                  | BARTOW, FL           | 06/24/2023         | No                        |
| <a href="#">Dietitian - Clinical: JDCH - Clinical Nutrition</a>   | Memorial Healthcare System | Hollywood, FL        | 05/27/2023         | No                        |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST SUPV - 64005761</a>   | MyFlorida                  | AUBURNDALE, FL       | 06/20/2023         | No                        |
| <a href="#">Dietitian - Clinical, Staff Relief-Days, MHW: MHW - Food &amp; Nutrition</a>                      | Memorial Healthcare System | Pembroke Pines, FL   | 03/25/2023         | No                        |
| <a href="#">PUBLIC HEALTH NUTRITION CONSULTANT - 64067939 1 1</a>   | MyFlorida                  | TALLAHASSEE, FL      | 05/02/2023         | No                        |
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST - 64043663</a>  | MyFlorida                  | DEFUNIAK SPRINGS, FL | 02/16/2023         | No                        |
| <a href="#">Certified Diabetes Care &amp; Education Specialist (CDCES)- JDCH: JDCH - Food &amp; Nutrition</a> | Memorial Healthcare System | Hollywood, FL        | 05/25/2023         | No                        |
| <a href="#">Infant Nutrition Manager, FT-JDCH: JDCH - Infant Nutrition</a>                                    | Memorial Healthcare System | Hollywood, FL        | 03/07/2023         | No                        |



| <b>Job Title</b>  | <b>Company</b>                               | <b>Location</b>      | <b>Date Posted</b> | <b>Federal Contractor</b> |
|---|--|----------------------|--------------------|---------------------------|
| <a href="#">SENIOR PUBLIC HEALTH NUTRITIONIST - 64026883</a>  | MyFlorida                                    | GAINESVILLE, FL      | 08/23/2022         | No                        |
| <a href="#">PUBLIC HEALTH NUTRITION CONSULTANT - 64005735</a> | MyFlorida                                    | JACKSONVILLE, FL     | 01/26/2023         | No                        |
| <a href="#">Registered Dietitian Union</a>                    | Sodexo                                       | KISSIMMEE, FL        | 06/30/2023         | Yes                       |
| <a href="#">Dietitian Full Time-32 hours</a>                  | Fresenius Medical Care North America         | Bradenton, FL        | 06/24/2023         | Yes                       |
| <a href="#">Registered Dietitian</a>                          | Healthcare Services Group, Inc.              | CAPE CORAL, FL       | 06/21/2023         | No                        |
| <a href="#">DIETITIAN - Longwood, FL</a>                      | Compass Group, North America                 | Longwood, FL         | 06/21/2023         | Yes                       |
| <a href="#">Registered Dietitian</a>                          | Healthcare Services Group, Inc.              | VENICE, FL           | 06/21/2023         | No                        |
| <a href="#">Registered Dietitian</a>                          | Jupiter Rehabilitation and Healthcare Center | Jupiter, FL          | 06/20/2023         | No                        |
| <a href="#">Dietician - PRN</a>                               | Acadia Healthcare                            | Wesley Chapel, FL    | 06/07/2023         | No                        |
| <a href="#">Registered Dietitian I</a>                        | AdventHealth                                 | Tavares, FL          | 06/07/2023         | Yes                       |
| <a href="#">REGISTERED DIETITIAN I</a>                        | BayCare Health System                        | TAMPA, FL            | 06/06/2023         | Yes                       |
| <a href="#">Clinical Dietician PRN</a>                        | AdventHealth                                 | Ocala, FL            | 06/06/2023         | Yes                       |
| <a href="#">Registered Dietician</a>                          | Sarasota County Government                   | Sarasota, FL         | 06/02/2023         | No                        |
| <a href="#">Registered Dietitian</a>                          | Healthcare Services Group, Inc.              | NORTH FORT MYERS, FL | 06/01/2023         | No                        |
| <a href="#">Registered Dietitian I</a>                        | BayCare Health System                        | RIVERVIEW, FL        | 05/23/2023         | Yes                       |
| <a href="#">REGISTERED DIETITIAN I</a>                        | BayCare Health System                        | TAMPA, FL            | 05/23/2023         | Yes                       |
| <a href="#">Registered Dietitian</a>                          | Cleveland Clinic                             | Weston, FL           | 05/24/2023         | Yes                       |
| <a href="#">23018675</a>                                      | AdventHealth                                 | Orlando, FL          | 05/19/2023         | Yes                       |
| <a href="#">Registered Dietician I PRN</a>                    | AdventHealth                                 | Tarpon Springs, FL   | 04/07/2023         | Yes                       |
| <a href="#">Dietitian</a>                                     | Spectrum Healthcare Resources                | Cocoa Beach, FL      | 02/28/2023         | No                        |
| <a href="#">NUTRITION EDUCATOR - 64004129</a>                 | MyFlorida                                    | LECANTO, FL          | 06/30/2023         | No                        |
| <a href="#">PATIENT SERVER (FULL-TIME &amp; PART-TIME)</a>    | Compass Group, North America                 | Naples, FL           | 07/01/2023         | Yes                       |
| <a href="#">Student Dietitian Clinical Placement</a>          | Fresenius Medical Care North America         | Jacksonville, FL     | 07/01/2023         | Yes                       |
| <a href="#">Registered Dietitian 2</a>                        | Sodexo                                       | NORTH MIAMI, FL      | 06/30/2023         | Yes                       |
| <a href="#">PATIENT SERVER (FULL-TIME)</a>                    | Compass Group, North America                 | Naples, FL           | 07/01/2023         | Yes                       |

| <b>Job Title</b>  | <b>Company</b>                                   | <b>Location</b>     | <b>Date Posted</b> | <b>Federal Contractor</b> |
|---|--|---------------------|--------------------|---------------------------|
| <a href="#">DIETITIAN</a>   | Compass Group, North America                     | Pensacola, FL       | 06/30/2023         | Yes                       |
| <a href="#">Clinical Dietitian, Full Time</a>                                       | University of Miami                              | Miami, FL           | 06/29/2023         | No                        |
| <a href="#">Registered Dietitian I - Winter Haven Hospital</a>                      | BayCare Health System                            | WINTER HAVEN, FL    | 06/30/2023         | Yes                       |
| <a href="#">TRAVELING PATIENT SERVICES MANAGER (MAYO CLINIC) - JACKSONVILLE, FL</a> | Compass Group, North America                     | Jacksonville, FL    | 06/29/2023         | Yes                       |
| <a href="#">SUPERVISOR, PATIENT DINING (FULL-TIME)</a>                              | Compass Group, North America                     | Hialeah, FL         | 06/29/2023         | Yes                       |
| <a href="#">Registered Dietitian - LTAC</a>   | BayCare Health System                            | DUNEDIN, FL         | 06/29/2023         | Yes                       |
| <a href="#">Consulting Dietitian</a>  | ARAMARK  | Daytona Beach, FL   | 06/29/2023         | Yes                       |
| <a href="#">Food and Nutrition Services Aid</a>                                     | Wellpath   | West Palm Beach, FL | 06/28/2023         | Yes                       |
| <a href="#">Porter - Dietary, PT-MHP: MHP - Food &amp; Nutrition</a>                | Memorial Healthcare System                       | Pembroke Pines, FL  | 06/28/2023         | No                        |
| <a href="#">NUTRITION EDUCATOR - 64005782</a>                                       | MyFlorida  | WEST PALM BEACH, FL | 06/27/2023         | No                        |
| <a href="#">DIET CLERK (FULL-TIME AND PART-TIME)</a>                                | Compass Group, North America                     | Miramar Beach, FL   | 06/28/2023         | Yes                       |
| <a href="#">DIETITIAN</a>   | Compass Group, North America                     | Miramar Beach, FL   | 06/28/2023         | Yes                       |
| <a href="#">Food Services / Host - Dietary - Part Time without benefits</a>         | Tallahassee Memorial HealthCare                  | Tallahassee, FL     | 06/27/2023         | No                        |
| <a href="#">Food and Nutrition Services Aid</a>                                     | Wellpath   | Boynton Beach, FL   | 06/27/2023         | Yes                       |
| <a href="#">Food Services / Host - Dietary - Full time</a>                          | Tallahassee Memorial HealthCare                  | Tallahassee, FL     | 06/27/2023         | No                        |
| <a href="#">Food and Nutrition Services Aid</a>                                     | Wellpath   | Boynton Beach, FL   | 06/27/2023         | Yes                       |
| <a href="#">Dietitian (Program Coordinator)</a>                                     | Veterans Affairs, Veterans Health Administration | Tampa, FL           | 06/25/2023         | No                        |
| <a href="#">Dietitian (Program Coordinator)</a>                                     | Veterans Affairs, Veterans Health Administration | Tampa, FL           | 06/25/2023         | No                        |
| <a href="#">OPS NUTRITION EDUCATOR - 64905098</a>                                   | MyFlorida  | VIERA, FL           | 06/24/2023         | No                        |
| <a href="#">Host/Hostess, PT-Days, MRH: MRH - Food &amp; Nutrition</a>              | Memorial Healthcare System                       | Hollywood, FL       | 06/23/2023         | No                        |
| <a href="#">CLERK, DIET (FULL-TIME AND PART-TIME)</a>                               | Compass Group, North America                     | Cocoa Beach, FL     | 06/24/2023         | Yes                       |

| <b>Job Title</b>   | <b>Company</b>                  | <b>Location</b>       | <b>Date Posted</b> | <b>Federal Contractor</b> |
|--|---------------------------------|-----------------------|--------------------|---------------------------|
| <a href="#">Attendant Nutritional Services</a>   | AdventHealth                    | Altamonte Springs, FL | 06/22/2023         | Yes                       |
| <a href="#">PRN Dietitian</a>  | Compass Group, North America    | West Palm Beach, FL   | 06/23/2023         | Yes                       |
| <a href="#">SUPERVISOR, PATIENT DINING (FULL-TIME)</a>                                 | Compass Group, North America    | Gainesville, FL       | 06/23/2023         | Yes                       |
| <a href="#">Registered Dietician</a>   | Maxim Healthcare Staffing       | Sebring, FL           | 06/23/2023         | Yes                       |
| <a href="#">PRN Dietitian</a>  | Compass Group, North America    | Jacksonville, FL      | 06/23/2023         | Yes                       |
| <a href="#">Dietetic Clerk</a>   | Sodexo                          | ORLANDO, FL           | 06/23/2023         | Yes                       |
| <a href="#">Dietetic Clerk</a>   | Sodexo                          | LAKE CITY, FL         | 06/23/2023         | Yes                       |
| <a href="#">Certified Dietary Manager</a>  | Healthcare Services Group, Inc. | ORLANDO, FL           | 06/21/2023         | No                        |
| <a href="#">NUTRITION EDUCATOR - 64063266</a>  | MyFlorida                       | LAKELAND, FL          | 06/19/2023         | No                        |
| <a href="#">Registered Dietitian - Bilingual Spanish - Evernorth - Miami FL</a>        | The Cigna Group                 | Miami, FL             | 06/17/2023         | Yes                       |
| <a href="#">Clerk - Storeroom: MRH - Food &amp; Nutrition</a>                          | Memorial Healthcare System      | Hollywood, FL         | 06/17/2023         | No                        |
| <a href="#">NUTRITION EDUCATOR - 64003372</a>  | MyFlorida                       | JACKSONVILLE, FL      | 06/16/2023         | No                        |
| <a href="#">Food and Nutrition Services Aid</a>  | Wellpath                        | West Palm Beach, FL   | 06/16/2023         | Yes                       |
| <a href="#">K12 SCHOOL NUTRITION DIETITIAN- Duval County Schools- Jacksonville, FL</a> | Compass Group, North America    | Jacksonville, FL      | 06/17/2023         | Yes                       |
| <a href="#">Certified Dietary Manager</a>  | Healthcare Services Group, Inc. | DEFUNIAK SPRINGS, FL  | 06/15/2023         | No                        |
| <a href="#">CLERK, DIET (FULL-TIME &amp; PART-TIME)</a>                                | Compass Group, North America    | Jacksonville, FL      | 06/15/2023         | Yes                       |
| <a href="#">NUTRITION EDUCATOR - 64084817</a>  | MyFlorida                       | SAINT PETERSBURG, FL  | 06/14/2023         | No                        |
| <a href="#">Contact Center Specialist- Food &amp; Nutrition</a>                        | BayCare Health System           | DUNEDIN, FL           | 06/15/2023         | Yes                       |
| <a href="#">OPS NUTRITION EDUCATOR - 64935442</a>                                      | MyFlorida                       | BUSHNELL, FL          | 06/13/2023         | No                        |
| <a href="#">NUTRITION EDUCATOR - 64004822 1.1</a>                                      | MyFlorida                       | TITUSVILLE, FL        | 06/13/2023         | No                        |
| <a href="#">Certified Dietary Manager</a>  | Healthcare Services Group, Inc. | DELTONA, FL           | 06/14/2023         | No                        |
| <a href="#">PUBLIC HEALTH NUTRITION CONSULTANT - 64003384</a>                          | MyFlorida                       | TALLAHASSEE, FL       | 06/13/2023         | No                        |
| <a href="#">DIETITIAN-NAPLES, FL -\$5,000 SIGN ON BONUS</a>                            | Compass Group, North America    | Naples, FL            | 06/13/2023         | Yes                       |
| <a href="#">Certified Dietary Manager (7a-3p)</a>                                      | NHS Management, LLC             | Crystal River, FL     | 06/12/2023         | No                        |
| <a href="#">Dietitian - Specialist: MPG - Peds Endocrinology</a>                       | Memorial Healthcare System      | Hollywood, FL         | 06/13/2023         | No                        |

| <b>Job Title</b>   | <b>Company</b>                                   | <b>Location</b>      | <b>Date Posted</b> | <b>Federal Contractor</b> |
|--|--|----------------------|--------------------|---------------------------|
| <a href="#">Certified Dietary Manager</a>  | Healthcare Services Group, Inc.                  | SAINT PETERSBURG, FL | 06/10/2023         | No                        |
| <a href="#">Certified Dietary Manager</a>  | Healthcare Services Group, Inc.                  | NEW PORT RICHEY, FL  | 06/10/2023         | No                        |
| <a href="#">Dietitian (Advanced Level Practice)</a>  | Veterans Affairs, Veterans Health Administration | Orlando, FL          | 06/09/2023         | No                        |
| <a href="#">Dietitian (Advanced Level Practice)</a>  | Veterans Affairs, Veterans Health Administration | Orlando, FL          | 06/09/2023         | No                        |
| <a href="#">Assistant Director - Food &amp; Nutrition Services: MRH - Food &amp; Nutrition</a> | Memorial Healthcare System                       | Hollywood, FL        | 06/08/2023         | No                        |
| <a href="#">Clinical Nutrition Manager</a>   | Compass Group, North America                     | Melbourne, FL        | 06/08/2023         | Yes                       |
| <a href="#">Manager Food &amp; Nutrition Services</a>  | BayCare Health System                            | RIVERVIEW, FL        | 06/08/2023         | Yes                       |
| <a href="#">Director of Nutrition Systems</a>  | Compass Group, North America                     | Melbourne, FL        | 06/08/2023         | Yes                       |
| <a href="#">Administrative Registered Dietitian</a>  | BayCare Health System                            | TAMPA, FL            | 06/06/2023         | Yes                       |
| <a href="#">Outpatient Registered Dietitian I</a>  | BayCare Health System                            | LUTZ, FL             | 06/06/2023         | Yes                       |
| <a href="#">Certified Dietary Manager</a>  | Healthcare Services Group, Inc.                  | LAKE MARY, FL        | 06/06/2023         | No                        |
| <a href="#">Outpatient Registered Dietitian I</a>  | BayCare Health System                            | TAMPA, FL            | 06/06/2023         | Yes                       |
| <a href="#">PATIENT SERVICES MANAGER, Jacksonville, FL</a>                                     | Compass Group, North America                     | Jacksonville, FL     | 06/03/2023         | Yes                       |
| <a href="#">Attendant Nutritional Services</a>   | AdventHealth                                     | Orlando, FL          | 06/02/2023         | Yes                       |
| <a href="#">Nutrition Associate</a>  | AdventHealth                                     | Orlando, FL          | 06/01/2023         | Yes                       |
| <a href="#">Sr. Clinical Dietitian</a>   | University of Miami                              | Coral Gables, FL     | 06/01/2023         | No                        |
| <a href="#">Dietetic Tech</a>  | Mayo Clinic                                      | Jacksonville, FL     | 06/02/2023         | Yes                       |
| <a href="#">NUTRITION EDUCATOR - 64005686</a>  | MyFlorida  | ORLANDO, FL          | 05/31/2023         | No                        |
| <a href="#">Food and Nutrition Cook</a>  | Southern Healthcare Management                   | Sarasota, FL         | 05/30/2023         | No                        |
| <a href="#">DIETITIAN - HRLY</a>   | Compass Group, North America                     | Jacksonville, FL     | 05/29/2023         | Yes                       |
| <a href="#">Host/Hostess: MRH - Food &amp; Nutrition</a>                                       | Memorial Healthcare System                       | Hollywood, FL        | 05/26/2023         | No                        |
| <a href="#">Registered Dietician Diabetes Educator- Outpatient</a>                             | BayCare Health System                            | BARTOW, FL           | 05/26/2023         | Yes                       |
| <a href="#">Registered Dietitian Nutritional Wellbeing Center</a>                              | AdventHealth                                     | Sebring, FL          | 05/25/2023         | Yes                       |
| <a href="#">Certified Dietary Manager</a>  | Healthcare Services Group, Inc.                  | GRACEVILLE, FL       | 05/24/2023         | No                        |
| <a href="#">Pediatric Registered Dietitian</a>   | BayCare Health System                            | TAMPA, FL            | 05/23/2023         | Yes                       |

| <b>Job Title</b>  | <b>Company</b>                       | <b>Location</b>       | <b>Date Posted</b> | <b>Federal Contractor</b> |
|---|--------------------------------------|-----------------------|--------------------|---------------------------|
| <a href="#">Porter - Dietary: MRH - Food &amp; Nutrition</a>          | Memorial Healthcare System           | Hollywood, FL         | 05/24/2023         | No                        |
| <a href="#">Porter - Dietary: MRH - Food &amp; Nutrition</a>          | Memorial Healthcare System           | Hollywood, FL         | 05/24/2023         | No                        |
| <a href="#">Food &amp; Nutrition Assistant Manager</a>                | Southern Healthcare Management       | Sarasota, FL          | 05/22/2023         | No                        |
| <a href="#">SUPERVISOR, PATIENT DINING (FULL-TIME)</a>                | Compass Group, North America         | Saint Petersburg, FL  | 05/20/2023         | Yes                       |
| <a href="#">Host/Hostess, PT-MRH: MRH - Food &amp; Nutrition</a>      | Memorial Healthcare System           | Hollywood, FL         | 05/19/2023         | No                        |
| <a href="#">Senior Cook, FT-Days, MRH: MRH - Food &amp; Nutrition</a> | Memorial Healthcare System           | Hollywood, FL         | 05/19/2023         | No                        |
| <a href="#">Certified Dietary Manager</a>                             | Healthcare Services Group, Inc.      | CRESTVIEW, FL         | 05/19/2023         | No                        |
| <a href="#">Certified Dietary Manager (CDM)</a>                       | Anchored365                          | Clewiston, FL         | 05/18/2023         | No                        |
| <a href="#">PATIENT SERVICES MANAGER - MELBOURNE, FL</a>              | Compass Group, North America         | Melbourne, FL         | 05/18/2023         | Yes                       |
| <a href="#">Nutrition Associate</a>                                   | AdventHealth                         | Orlando, FL           | 05/16/2023         | Yes                       |
| <a href="#">Food and Nutrition Cook</a>                               | Southern Healthcare Management       | Palm City, FL         | 05/09/2023         | No                        |
| <a href="#">Nutrition Associate</a>                                   | AdventHealth                         | Altamonte Springs, FL | 05/08/2023         | Yes                       |
| <a href="#">Registered Dietitian</a>                                  | ERP International                    | Eglin AFB, FL         | 05/09/2023         | Yes                       |
| <a href="#">Food and Nutrition Cook</a>                               | Southern Healthcare Management       | Orlando, FL           | 05/05/2023         | No                        |
| <a href="#">Food and Nutrition Manager (CDM)</a>                      | Southern Healthcare Management       | Boynton Beach, FL     | 05/04/2023         | No                        |
| <a href="#">Dietitian - Specialist: JDCH - Clinical Nutrition</a>     | Memorial Healthcare System           | Hollywood, FL         | 05/05/2023         | No                        |
| <a href="#">PRN Dietitian -Sebring</a>                                | Fresenius Medical Care North America | Sebring, FL           | 05/03/2023         | Yes                       |
| <a href="#">Registered Dietitian 2</a>                                | Sodexo                               | MIAMI, FL             | 05/02/2023         | Yes                       |
| <a href="#">SERVER, PATIENT (FULL-TIME &amp; PART-TIME)</a>           | Compass Group, North America         | Naples, FL            | 04/29/2023         | Yes                       |
| <a href="#">Clinical Dietitian</a>                                    | Compass Group, North America         | West Palm Beach, FL   | 04/29/2023         | Yes                       |
| <a href="#">CLERK, DIET (FULL-TIME &amp; PART-TIME)</a>               | Compass Group, North America         | Melbourne, FL         | 04/27/2023         | Yes                       |
| <a href="#">SUPERVISOR, PATIENT DINING (FULL-TIME)</a>                | Compass Group, North America         | Jacksonville, FL      | 04/27/2023         | Yes                       |
| <a href="#">Registered Dietitian - Outpatient Oncology</a>            | Cleveland Clinic                     | Weston, FL            | 04/27/2023         | Yes                       |

| <b>Job Title</b>   | <b>Company</b>                              | <b>Location</b>      | <b>Date Posted</b> | <b>Federal Contractor</b> |
|--|---|----------------------|--------------------|---------------------------|
| <a href="#">SUPERVISOR, PATIENT DINING (FULL-TIME)</a>   | Compass Group, North America                | Pensacola, FL        | 04/25/2023         | Yes                       |
| <a href="#">Registered Dietician</a>   | Cleveland Clinic                            | Stuart, FL           | 04/22/2023         | Yes                       |
| <a href="#">Certified Dietary Manager (CDM)</a>  | Wellpath                                    | Boynton Beach, FL    | 04/20/2023         | Yes                       |
| <a href="#">Food Service Specialist DOC</a>  | WestCare Foundation                         | Saint Petersburg, FL | 04/20/2023         | No                        |
| <a href="#">Registered Dietitian PRN Days</a>  | AdventHealth                                | Palm Coast, FL       | 04/20/2023         | Yes                       |
| <a href="#">Manager Food &amp; Nutrition Services</a>  | BayCare Health System                       | NEW PORT RICHEY, FL  | 04/21/2023         | Yes                       |
| <a href="#">PRN Registered Dietitian Orange City FL</a>  | AdventHealth                                | Orange City, FL      | 04/16/2023         | Yes                       |
| <a href="#">Registered Dietitian Daytona Beach FL</a>  | AdventHealth                                | Daytona Beach, FL    | 04/16/2023         | Yes                       |
| <a href="#">PRN Registered Dietitian Daytona Beach FL</a>  | AdventHealth                                | Daytona Beach, FL    | 04/16/2023         | Yes                       |
| <a href="#">NUTRITION EDUCATOR - 64067472</a>  | MyFlorida                                   | HUDSON, FL           | 04/13/2023         | No                        |
| <a href="#">Certified Dietary Manager</a>  | Healthcare Services Group, Inc.             | GAINESVILLE, FL      | 04/12/2023         | No                        |
| <a href="#">Special Operations Performance Dietitian PART-TIME Tampa, FL (USSOCOM HQ, MacDill AFB)</a> | KBR   | Tampa, FL            | 04/13/2023         | Yes                       |
| <a href="#">Registered Dietitian</a>   | life care                                   | Sarasota, FL         | 04/12/2023         | No                        |
| <a href="#">Nutrition Educator:AV:62:T3</a>  | Second Harvest Food Bank of Central Florida | Ocala, FL            | 04/06/2023         | No                        |
| <a href="#">Per Diem Registered Dietitian</a>  | NexDine                                     | Pompano Beach, FL    | 04/05/2023         | No                        |
| <a href="#">NUTRITION EDUCATOR - 64068876</a>  | MyFlorida                                   | OCALA, FL            | 03/30/2023         | No                        |
| <a href="#">Clinical Dietitian</a>   | Compass Group, North America                | Sebring, FL          | 03/30/2023         | Yes                       |
| <a href="#">NUTRITION EDUCATOR - 64061264</a>  | MyFlorida                                   | SANFORD, FL          | 03/25/2023         | No                        |
| <a href="#">Bilingual (Spanish) Telehealth Registered Dietitian</a>                                    | Cecelia Health                              | Miami, FL            | 03/26/2023         | No                        |
| <a href="#">Clinical Dietitian PRN</a>   | AdventHealth                                | Wesley Chapel, FL    | 03/23/2023         | Yes                       |
| <a href="#">Clinical Dietitian Wellness Center PRN</a>   | AdventHealth                                | Wesley Chapel, FL    | 03/23/2023         | Yes                       |
| <a href="#">Clinical Dietitian PRN</a>   | AdventHealth                                | Wesley Chapel, FL    | 03/23/2023         | Yes                       |
| <a href="#">Food and Nutrition Cook</a>  | Southern Healthcare Management              | Orlando, FL          | 03/14/2023         | No                        |
| <a href="#">Sr. Clinical Dietitian</a>   | University of Miami                         | Miami, FL            | 03/12/2023         | No                        |
| <a href="#">Food and Nutrition Cook</a>  | Southern Healthcare Management              | St. Augustine, FL    | 03/09/2023         | No                        |
| <a href="#">Med Nutrition Therapist</a>  | AdventHealth                                | Land O'Lakes, FL     | 03/07/2023         | Yes                       |

# Registered Dietician/Metabolic

[University of South Florida](#)

in Tampa, FL

[Apply on Institution's Website](#)

**Type:** Full-Time

**Posted:** 05/26/2023

**Category:** [Nutrition and Dietetics](#)

**Job ID** 33448

**Location** Tampa, FL

**Full/Part Time** Full-Time

**Regular/Temporary** Regular

## Position Details

Dept Number/Name: 0-6119-000 / Department of Pediatrics

College Division: USF Health- Morsani College of Medicine

Salary Plan: Administrative

Job Code/Title: 5218 / Registered Dietician

Hiring Salary/Salary Range: \$58,000 - \$72,000 annual

Position Number: 00052266

## ORGANIZATIONAL SUMMARY:

USF Health's mission is to envision and implement the future of health. It is the partnership of the University of South Florida Morsani College of Medicine, the College of Nursing, the College of Public Health, the Taneja College of Pharmacy, the School of Biomedical Sciences and the School of Physical Therapy and Rehabilitation Sciences, and the USF Physician's Group. USF is a global research university ranked 34th in federal research expenditures for public universities. For information regarding the USF Health, please visit our website at <http://health.usf.edu/index.html>

## POSITION SUMMARY:

Provides medical nutrition therapy to patients diagnosed with inborn errors of metabolism. Serves as a resource for other health care professionals on issues related to metabolic nutrition. Works as a liaison with hospital dietitians when metabolic patients are admitted to the hospital for acute illness. Participates in health care team conferences, communicates with insurance companies, state agencies, and DMEs for home care. Involved in clinical trials for metabolic patients.



## RESPONSIBILITIES:

Service planning: Reviews the comprehensive assessment to identify the patient's needs and coordinated care with appropriate agencies and/or physicians. Provides comprehensive nutritional care to patients who are part of the USF Metabolic clinic. Evaluates the medical, biochemical, and nutritional information and assesses patient/parent needs in order to develop and implement the most appropriate nutrition care plans. Monitors and modifies plans as needed.

Orientation and Education: Serves as an educator for Nutrition management of Inborn Errors of Metabolism in various settings. Assists families in understanding and following recommendations. Educates students and fellow dietitians on the nutrition management of the patient with inborn errors of metabolism.

Liaison: Serves as liaison between the program and agencies/professionals including PCP of record, Florida State Department of Health, and other nutritionists/dietitians and program areas. Provides on call services weekday evenings and weekends. Coordinates nutrition care with inpatient Dietitians for inborn errors of metabolism patients admitted to the hospital with acute illness.

Documentation: All interventions will be documented in the electronic medical record. Maintain records on patients with different inborn errors of metabolism. Maintain metabolic food pantry inventory.

Patient Admissions and Assessment: Determines eligibility and coordinated admission of clients into the program. Newborns identified by Newborn screen or transfers from other metabolic centers.

Performs other duties as assigned.

## POSITION QUALIFICATIONS:

### MINIMUM:

This position requires a Bachelor's degree in Dietetics, Nutrition or related field with at least one year of directly related position-specific experience. A Master's degree in Dietetics or Nutrition is Preferred. Licensed as Licensed Dietician or Licensed Nutritionist according to Florida Statutes 468.501 -468.518 (Part X) and/or Registration with the American Dietetic Association.

### PREFERRED:

3-5 years as Registered Dietitian  
Pediatric nutrition experience  
Metabolic nutrition experience

## **USF Health**

### **Information for Applicants**

This position is subject to a Level 2 criminal background check.



**Job Opening Number: 33448**

**Original Posting Date: 02/24/2023**

**Posting End Date: 07/27/2023**

### **How To Apply**

Click on the **Apply Now** button. When applying to an opening you will have the opportunity to upload a cover letter and resume.

Apply online by completing the required information and attaching your cover letter and resume. Please include your experience as it relates to the qualifications stated above. YOUR COVER LETTER AND RESUME, PLUS ANY OTHER REQUESTED MATERIAL, MUST BE IN ONE ATTACHMENT. Only online applications are accepted for this position.

Click [here](#) for additional tutorial information.

### **Equal Employment Opportunity**

USF is an equal opportunity, equal access academic institution that embraces diversity in the workplace. The University of South Florida does not discriminate on the basis of sex and prohibits sexual harassment. Any person may report sex discrimination, including sexual harassment (whether or not the person reporting is the person alleged to be the victim of conduct that could constitute sex discrimination or sexual harassment), in person, by mail, by telephone, or by electronic mail, using the contact information listed for the Title IX Coordinator. Reports may be made at any time either [online](#) or directly to the University's Title IX Coordinator.

### **Work Location**

Campus map and location overview:

[USF - Health](#)

[USF - Tampa Campus](#)

### **About USF**

The University of South Florida is a high-impact global research university dedicated to student success. Over the past 10 years, no other public university in the country has risen faster in U.S. News and World Report's national university rankings than USF. Serving more than 50,000 students on campuses in Tampa, St. Petersburg and Sarasota-Manatee, USF is designated as a Preeminent State Research University by the Florida Board of Governors, placing it in the most elite category among the state's 12 public universities. USF is a member of the American Athletic Conference.

### **Working at USF**

With more than 16,000 employees at USF, the University of South Florida is one of the largest employers in the Tampa Bay region. At USF you will find opportunities to excel in a rich academic

environment that fosters the development and advancement of our employees. We believe in creating a talented, engaged and driven workforce through on-going development and career opportunities. We also offer a first class benefit package that includes medical, dental and life insurance plans, retirement plan options, tuition program and generous leave programs and more.

# Job Opening: Dietitian-Diabetes Educator Endocrinology

## Company

Ascension Health

## Location

Jacksonville, FL

## Posted on

June 7, 2023

[Apply for this job](#)

## Details

- Department: Endocrinology
- Schedule: Days 8 hour shifts Monday - Friday
- Facility: Ascension St. Vincent's Medical Group
- Location: Jacksonville, FL

## Benefits

Paid time off (PTO) Various health insurance options & wellness plans Retirement benefits including employer match plans Long-term & short-term disability Employee assistance programs (EAP) Parental leave & adoption assistance Tuition reimbursement Ways to give back to your community

As a military friendly organization, Ascension promotes career flexibility and offers many benefits to help support the well-being of our military families, spouses, veterans and reservists. Our associates are empowered to apply their military experience and unique perspective to their civilian career with Ascension.

\*Please note, benefits and benefits eligibility can vary by position, exclusions may apply for some roles (for example: PRN, Short-Term Option, etc.). Connect with your Talent Advisor today for additional specifics.

## Responsibilities

Educate patients, healthcare workers, and the community about controlling diabetes through nutritional management.

- Coordinate with designated staff to effectively integrate medical nutrition therapy into the overall management of diabetes.
- Provide diabetes education for patients, healthcare workers and the community.
- Encourage the diabetes team to support and reinforce nutrition prescriptions and to help patients manage their meal plans.

# Job Opening: Peds Outpatient Diabetes Educator Reg Dietitian

## Company

AdventHealth

## Location

Orlando, FL

## Posted on

June 22, 2023

[Apply for this job](#)

## Description

### All the benefits and perks you need for you and your family:

- Benefits from Day One
- Paid Days Off from Day One
- Debt-free Education\* (Certifications and Degrees without out-of-pocket tuition expense)
- Sign-on Bonus\*

### Our promise to you:

Joining AdventHealth is about being part of something bigger. It's about belonging to a community that believes in the wholeness of each person, and serves to uplift others in body, mind and spirit. AdventHealth is a place where you can thrive professionally, and grow spiritually, by Extending the Healing Ministry of Christ. Where you will be valued for who you are and the unique experiences you bring to our purpose-minded team. All while understanding that **together** we are even better.

**Schedule:** Full Time

**Shift :** Days M-F (8-5)

### The community you'll be caring for:

- Located on a lush tropical campus, our flagship hospital, 1,368-bed AdventHealth Orlando
- We offer great benefits with immediate Health Insurance coverage
- Career growth and advancement potential
- Serves as the major tertiary facility for much of the Southeast, the Caribbean and South America
- AdventHealth Orlando houses one of the largest Emergency Departments and largest cardiac catheterization labs in the country
- We are already one of the busiest hospitals in the nation, providing service excellence to more than 22,000 inpatient and 142,000 outpatient visits annually

# Job Opening: Registered Dietitian

## Company

ERP International

## Location

Eglin AFB, FL

## Posted on

May 9, 2023

Apply for this job

## Overview

ERP International is seeking a **Registered Dietitian** for a full-time position in support of Health Promotion services at the Eglin Hospital, Eglin AFB, FL (<https://eglin.tricare.mil/About-Us>) . Apply online today and discover more about this outstanding employment opportunity. [www.erpinternational.com](http://www.erpinternational.com)

**Be the Best!** Join our team of exceptional health care professionals across the nation. Come discover the immense pride and job satisfaction ERP Employees experience in providing care for our Military Members, their Families and Retired Military Veterans! **ERP International is honored to have been named one of The Washington Post's 2022 Top Workplaces!**

\* **Excellent Compensation & Exceptional Comprehensive Benefits!**

\* **Paid Vacation, Paid Sick Time, Plus 11 Paid Federal Holidays!**

\* **Medical/Dental/Vision, STD/LTD/Life, and Health Savings Account available!**

\* **Annual CME Stipend and License/Certification Reimbursement!**

\* **Matching 401K!**

**About ERP International, LLC:** ERP is a nationally respected provider of health, science, and technology solutions supporting clients in the government and commercial sectors. We provide comprehensive enterprise information technology, strategic sourcing, and management solutions to DoD and federal civilian agencies in 40 states. Founded in 2006, ERP is headquartered in Laurel, MD and maintains satellite offices in Montgomery, AL and San Antonio, TX - plus project locations nationwide. ERP is an Equal Opportunity Employer - Disability and Veteran.

## Responsibilities

### Work Schedule:

Monday - Friday, 9 hours between 7:00am and 4:00pm, with a one hour lunch

No weekends or holidays

**Job Specific Position Duties:** The duties include, but are not limited to the following:

# Dietetics and Nutrition Instructor - FT40

[Keiser University](#)

in Pembroke Pines, FL

[Apply on Institution's Website](#)

**Type:** Full-Time

**Posted:** 11/28/2022

**Category:** [Nutrition and Dietetics](#)



## Job Details

### Description

Instructors are responsible for leveraging their expertise to deliver education services to students through:

- Preparing course plans and materials
- Delivering courses
- Monitoring progress/attendance
- Advising students
- Recording grades and submitting reports

Dietetics and Nutrition Instructor must have a Master's Degree, (although a Doctoral degree is preferred), must have a current Registered Dietitian Nutritionist (RDN) and a Licensed Dietitian Nutritionist State of Florida LDN Licenses and 3 years of practice in the field of Dietetics.

This is a full time position that requires daytime availability.

## Qualifications

### Education

#### Required

Masters or better in Dietetics/Inst Mgmt.

### Experience

#### Required

3 years of experience

## Licenses & Certifications

**Required:** FL - Reg Diet/Nut. Lic.

# Instructor I

[University of South Florida](#)

in Tampa, FL

[Apply on Institution's Website](#)

**Type:** Full-Time

**Posted:** 06/16/2023

**Category:** [Nutrition and Dietetics](#); [+1](#)

**Job ID** 34342

**Location** Tampa, FL

**Full/Part Time** Full-Time

**Regular/Temporary** Regular

## Position Details

**Dept Number/Name:** 0-6419-000 / PH Interdisciplinary Res & Edu

**College Division:** USFHealth-Coll Public Health

**Salary Plan:** Faculty

**Job Code/Title:** 9004 / Instructor I

**Hiring Salary/Salary Range:** Negotiable

**Position Number:** 00053737

## ORGANIZATIONAL SUMMARY:

The USF College of Public Health was founded in 1984 as the first college of public health in Florida and consists of a multidisciplinary faculty of 84 scholars, professionals and leaders serving the educational needs of more than 4,500 students in bachelors, master's and doctoral degree programs.

## POSITION SUMMARY:

The College of Public Health at the University of South Florida is seeking an Instructor to teach nutrition courses in the Undergraduate Studies Program. This non-tenure track position will be a 12-month appointment.

## RESPONSIBILITIES:

INSTRUCTIONAL DUTIES: 90% FTE

- Must be credentialed by SACS to teach courses
- Teach 3-4 undergraduate nutrition courses per semester.
- Assist with curriculum review and revision to assure alignment of competencies and learning opportunities.
- Develop undergraduate nutrition courses in on-line and classroom formats; and,
- Work with the Associate Dean for Undergraduate Studies and other USF units to monitor student learning outcomes and the academic progress of students
- Review and approve undergraduate course substitutions

RESEARCH/SCHOLARSHIP DUTIES: 5% FTE

- Collaborate with other instructors to present and publish health-related pedagogical research.

SERVICE DUTIES: 5% FTE

- Participate in College and University Committees; and,
- Participate in regional and/or national professional organizations and activities

ESSENTIAL FUNCTIONS OF POSITION:

- Must be able to teach 3-4 undergraduate nutrition courses for the College of Public Health per semester, on line and in class.

POSITION QUALIFICATIONS:

MINIMUM:

Minimum Qualifications:

- Master's degree in Nutrition, Food Sciences or closely related field from an accredited institution.
- At least one year of health-related undergraduate teaching experience at the community college or university level. Experience using Canvas or other teaching software.

PREFERRED:

- Preferred Qualifications:
- Bachelor's degree in Nutrition
- Experience teaching online and in class
- Experience in curriculum development

**USF Health**

**Information for Applicants**

This position is subject to a Level #1 criminal background check.

**Job Opening Number: 34342**



**Posting End Date:** Open until filled. Application review will begin July 17, 2023.

## How To Apply

Click on the **Apply Now** button. When applying to an opening you will have the opportunity to upload a cover letter and resume.

Apply online by completing the required information and attaching your cover letter and resume. Please include your experience as it relates to the qualifications stated above. YOUR COVER LETTER AND RESUME, PLUS ANY OTHER REQUESTED MATERIAL, MUST BE IN ONE ATTACHMENT. Only online applications are accepted for this position.

Click [here](#) for additional tutorial information.

## Equal Employment Opportunity

USF is an equal opportunity, equal access academic institution that embraces diversity in the workplace. The University of South Florida does not discriminate on the basis of sex and prohibits sexual harassment. Any person may report sex discrimination, including sexual harassment (whether or not the person reporting is the person alleged to be the victim of conduct that could constitute sex discrimination or sexual harassment), in person, by mail, by telephone, or by electronic mail, using the contact information listed for the Title IX Coordinator. Reports may be made at any time either [online](#) or directly to the University's Title IX Coordinator.

## Federal Rights

Applicants have rights under Federal Employment Laws: [Family and Medical Leave Act \(FMLA\)](#), [Equal Employment Opportunity \(EEO\)](#) and [Employee Polygraph Protection Act \(EPPA\)](#).

## Work Location

Campus map and location overview:

[USF - Health](#)

[USF - Tampa Campus](#)

## About USF

The University of South Florida is a high-impact global research university dedicated to student success. Over the past 10 years, no other public university in the country has risen faster in U.S. News and World Report's national university rankings than USF. Serving more than 50,000 students on campuses in Tampa, St. Petersburg and Sarasota-Manatee, USF is designated as a Preeminent State Research University by the Florida Board of Governors, placing it in the most elite category among the state's 12 public universities. USF is a member of the American Athletic Conference.

## Working at USF

With more than 16,000 employees at USF, the University of South Florida is one of the largest

employers in the Tampa Bay region. At USF you will find opportunities to excel in a rich academic environment that fosters the development and advancement of our employees. We believe in creating a talented, engaged and driven workforce through on-going development and career opportunities. We also offer a first class benefit package that includes medical, dental and life insurance plans, retirement plan options, tuition program and generous leave programs and more.

## **Appendix K**

### **Health Sciences Majors Interest Survey & Focus Group Questions**

The Department of Health Sciences invites you to share your thoughts and opinions with us on the potential launch of an **in-person Master's in Science (MS) in Health Sciences**.

Please note that your **survey responses will remain anonymous**.

The information being gathered is for **internal use by the Department of Health Sciences** and will not be shared with any external person or entity.

We anticipate this survey will take **5 minutes to complete**.

Are you currently (or were you) a **Health Sciences Major** at UCF?

Yes

No

### Select your current academic standing

- Freshmen
- Sophomore
- Junior
- Senior
- Graduated

### After graduating from UCF what are your intended future plans?

*(If you've already graduated from UCF, what best describes your current status)*

- Graduate School - Health-related discipline (e.g., MPH, MS, PhD)
- Graduate School - Medical-related (e.g., MD/PA/PT/DO/DDS etc.)
- Graduate School - Non-health/medical (e.g., MBA, MHA)
- Employment/Job
- Gap Year
- Undecided

Would you be interested in enrolling in a **one-year (12 months), in-person, full-time Master's (MS) degree** specializing in Health Sciences? (*See brief description below*)

*The MS curriculum will be designed to prepare students with the knowledge and skills needed to develop, implement, and evaluate evidence-based disease prevention/mitigation/lifestyle modification intervention programs; conduct systematic reviews and meta-analyses to evaluate and assess research findings for translation into practice; and employ cognitive and behavioral strategies to support lifestyle changes among healthy and chronically ill populations.*

- Yes
- No
- Maybe/Need More Information

Do you see value of offering future MS students a **nationally recognized certificate (e.g., Health and Wellness Coach)** that they could work towards as part of the MS coursework?

Yes

No

Please **choose the main reason** you would enroll in a Master's program in the Department of Health Sciences

To receive further research experience (e.g., assist with a research project, conduct a MS thesis)

To gain an extra certification (i.e., Health and Wellness Coach certificate)

To gain further practical experience related to health promotion

To increase the competitiveness of my CV/Resume for future career

Other (please write below)

What is the **main perceived barrier** you foresee to enrolling in a Master's program in the Department of Health Sciences?

- Cost
- Location/Modality (i.e., main campus/In-person)
- Scheduling/Work/Life Commitments

Other (please write below)

Do you believe the Master's program being offered as an in-person on-campus course will deter potential applicants from applying?

- Yes
- No



Please use the box to **enter any additional comments or suggestions you n  
have** in relation to the department offering graduate courses and/or programs f  
**graduating undergraduate students.**

For example, are there other areas that you would like the graduate program to  
focus on or are you interested in other types of certifications?

We thank you for your time spent taking this survey.  
Your response has been recorded.

## Focus Group Questions

**Question 1:** What are your thoughts on Health Sciences offering a MS graduate program in Health Promotion and Behavioral Research?

**Question 2:** Do you feel that this would be something of interest to other students in Health Sciences?

**Question 3:** What other perceived benefits and/or concerns you would have of such a program?

**Question 4:** How do you see this program impacting students' professional development or long-term goals?

**Question 5:** What type of skills/courses/training could such a program offer to be most beneficial to students?

**Question 6:** What types of activities and experiences would you feel would be helpful for your (or other students in the department) long-term goals that a potential graduate program could provide?

**Question 7:** Is there anything you feel you would have liked to have had more experience in during your undergraduate years that you could experience in a graduate program? (e.g. research)?

**Question 8:** Anything else you'd like to add?

**Appendix L**  
**Library Analysis**

## MEMO

To: Dr. Christopher D. Ingersoll, College of Health Professions and Sciences, Dean  
Dr. Gail Kauwell, Health Sciences Department, Chair  
Dr. Michael J Rovito, Associate Professor, College of Health Professions and Sciences, Health Sciences  
Ms. Ying Zhang, Associate Dean, Collection Services & Resource Management  
Ms. Tina Buck, Head of Acquisitions & Collection Services  
Ms. Sara Duff, Acquisitions Librarian  
Mr. Beau Case, Dean of Libraries  
Dr. John Weishampel, Senior Associate Dean, College of Graduate Studies  
Ms. Emily Stettner, Assistant Director, Graduate Curriculum

From: Terrie Sypolt, Subject Librarian for Kinesiology, Physical Therapy, and Athletic Training  
Shane Roopnarine, Subject Librarian for Health Sciences

Subject: Master of Science in Health Sciences, Library evaluation

Date: November 1, 2022

### Peer Comparisons

When reviewing library support for a new Master of Science in Health Sciences, Michael Rovito, Associate Professor, Health Sciences selected the following institutions for the library comparison:

- University of Florida, Health Education and Behavior, MS
- University of North Florida, Health, Kinesiology/Lifestyle Medicine, MSH
- University of Virginia, Kinesiology, Exercise Physiology track MS, (Specialization for advanced study in clinically oriented careers in fitness/exercise and health promotion, physical activity intervention, cardiac rehabilitation or strength training and conditioning; Preparation for advanced study in Exercise physiology, Physical activity Intervention, or Exercise Science.
- University of North Carolina, Chapel Hill, Exercise and Sport Science, Exercise Physiology track, Human Movement Science track, and Sport Administration track, MS
- University of Mississippi, Exercise Science, MS

### Summary and Projected Costs for New Library Resources

Since the University of Central Florida offers a Ph.D. degree in Kinesiology and an undergraduate major in Health Sciences (Health Promotion and Pre-Clinical), supports the College of Medicine, has doctoral (DNP and PhD) degrees and an MSN degree in Nursing, and a MS in Biomedical Sciences, we have acquired many resources that will also support this new Master of Science in Health Sciences. The UCF Libraries' current database holdings will meet the needs of the proposed new Master's. (See full analysis below). The only databases we lack are AgeLine, Health and Medicine ProQuest, and Scopus. Only 2 of the peer institutions have AgeLine. UCF, like the University of Virginia, has the Abstracts in Social Gerontology, another database for social gerontology research. UCF has Health Source (EBSCOhost), Health and Medicine (Gale), and Health and Wellness (Gale), instead of Health and Medicine ProQuest. Scopus is held by 3 institutions. JCR provides journal impact factors for the journals listed below. Scopus is being dropped by many institutions across the country because of sources such as JCR, SCIMAGO, Science Direct, and Taylor & Francis that provide needed information. While UCF does not have the full-text version of SportDiscus, we do have the indexing that allows us access to the citations. That suffices since we have many of the sources full-text available in other databases or from publishers.

UCF has all the journals listed but 2. UCF lacks the *American Journal of Health Behavior*, held by 2 peer institutions only. However, this journal is important to the program and therefore should be purchased by Health Sciences for at least the next five years. Since the library has no money for the journal, the subscription will be dropped if Health Sciences does not continue to support it. The other journal UCF lacks is *AIDS Education and Prevention*. This title is held by 4 of the 5 peer institutions. Should UCF wish to have this journal, Health Sciences would have to purchase it for at least 5 years. The University of Florida lacks 1 journal. The University of North Florida, the University of Virginia, the University of North Carolina Chapel Hill, and the University of Mississippi all lack more journal titles than UCF or UF. Therefore, UCF has the journals needed to support the proposed Master of Science in Health Sciences if it purchases the *American Journal of Health Behavior*.

In the event any new key journal or database becomes critical for the new track in the future, additional recurring funding will need to be provided to the UCF Libraries to add these resources. Also note that in the unfortunate event library budget shortfalls occur, some existing resource subscriptions may be cut or scaled back.

Book comparisons with peer institutions show that UCF compares favorably with them and has the books needed to support the Master of Science in Health Sciences. (See analysis below). UCF has the eBook databases it needs to support the proposed MS degree also.

### ***Projected costs needed to acquire library materials to support the new Master of Science in Health Sciences:***

|           | 2023-2024 | 2024-2025 | 2025-2026 | 2026-2027 | 2027-2028 | 2028-2029 |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Databases | 0         | 0         | 0         | 0         | 0         | 0         |

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| Journals  | American Journal of Health Behavior<br>375.00 | American Journal of Health Behavior<br>393.75 | American Journal of Health Behavior<br>414.44 | American Journal of Health Behavior<br>435.16 | American Journal of Health Behavior<br>456.92 | American Journal of Health Behavior<br>479.77 |
| Journals  | AIDS Education and Prevention<br>810.00       | AIDS Education and Prevention<br>850.50       | AIDS Education and Prevention<br>850.50       | AIDS Education and Prevention<br>893.03       | AIDS Education and Prevention<br>937.68       | AIDS Education and Prevention<br>984.56       |
| Books   | 0   | 0   | 0   | 0   | 0   | 0   |
| <b>Total if only Am J of Health Behavior</b>          | <b>375.00</b>                                 | <b>393.75</b>                                 | <b>414.44</b>                                 | <b>435.16</b>                                 | <b>456.92</b>                                 | <b>479.77</b>                                 |
| <b>Total if AIDS Education &amp; Prevention added</b> | <b>1185.00</b>                                | <b>1244.25</b>                                | <b>1264.94</b>                                | <b>1328.19</b>                                | <b>1394.60</b>                                | <b>1464.33</b>                                |

### Recurring Subscriptions Supporting the *Master of Science in Health Sciences*

#### Databases

| Databases                                  | UCF | UF | UNF | UVA | UNC Chapel Hill | U of Mississippi |
|--|-----|----|-----|-----|-----------------|------------------|
| PubMed                                     | x   | x  | x   | x   | x               | x                |
| Medline                                    | x   | x  | x   | x   | x               | x                |
| Abstracts in Social Gerontology            | x   |    |     | x   |                 |                  |
| Academic Search Premier/Complete           | x   | x  | x   | x   | x               | x                |
| AccessMedicine                             | x   | x  |     | x   | x               |                  |
| AgeLine                                    |     | x  |     |     | x               |                  |
| Anthropology Plus                          | x   | x  | x   | x   | x               |                  |
| AnthroSource                               | x   | x  |     |     | x               | x                |
| APA PsycInfo                               | x   | x  | x   | x   | x               | x                |
| Applied Science and Technology Source      | x   | x  | x   |     |                 |                  |
| BioMed Central (open access)               | x   | x  | x   | x   | x               | x                |
| BIOSIS Citation Index/Biological Abstracts | x   | x  |     | x   | x               | x                |
| Chicano Database                           | x   | x  | x   | x   |                 |                  |

| <b>Databases</b>   | <b>UCF</b> | <b>UF</b> | <b>UNF</b> | <b>UVA</b> | <b>UNC Chapel Hill</b> | <b>U of Mississippi</b> |
|--|------------|-----------|------------|------------|------------------------|-------------------------|
| CINAHL Plus with Full Text/Complete                              | x          | x         | x          | x          | x                      | x                       |
| Cochrane Library   | x          | x         | x          | x          | x                      | x                       |
| Communication & Mass Media Complete                              | x          | x         | x          | x          | x                      | x                       |
| Education Database (ProQuest)                                    | x          | x         |            |            | x                      | x                       |
| Education Source/Education Research Complete/Education Full Text | x          | x         | x          | x          | x                      |                         |
| eHRAF World Cultures   | x          | x         |            | x          |                        |                         |
| EMBASE   |            | x         |            |            | x                      |                         |
| ERIC (EBSCOhost)   | x          | x         | x          | x          | x                      | x                       |
| Ethnic NewsWatch   | x          | x         | x          | x          | x                      | x                       |
| Google Scholar   | x          | x         | x          | x          | x                      | x                       |
| Health and Medicine (Gale)                                       | x          | x         | x          |            |                        |                         |
| Health and Medicine (ProQuest)                                   |            |           | x          |            | x                      |                         |
| Health & Psychosocial Instruments (HAPI)                         | x          | x         |            |            |                        |                         |
| Health & Wellness Resource Center                                | x          | x         | x          |            |                        |                         |
| Health Source: Nursing Academic Edition                          | x          | x         |            | x          | x                      | x                       |
| Healthfinder   | x          | x         | x          | x          | x                      | x                       |
| JCR Journal Citation Reports/JCR                                 | x          | x         | x          | x          |                        |                         |
| LWW Health Library: Medical Education/Ovid                       | x          |           |            | x          | x                      |                         |
| National Center for Health Statistics                            | x          | x         | x          | x          | x                      | x                       |
| NCBI   | x          | x         |            | x          | x                      | x                       |
| Natural Medicines Comprehensive Database                         | x          | x         | x          |            | x                      | x                       |
| PAIS (Public Affairs information Service)                        | x          | x         | x          |            | x                      | x                       |
| ProQuest Dissertations & Theses Global                           | x          | x         | x          | x          | x                      | x                       |
| ProQuest Statistical Insight                                     | x          | x         |            |            |                        |                         |
| Science Direct   | x          | x         | x          | x          | x                      | x                       |
| Scopus   |            | x         |            |            | x                      | x                       |
| Social Explorer  | x          |           |            | x          | x                      | x                       |
| Social Services Abstracts  | x          | x         | x          |            | x                      |                         |

| Databases   | UCF        | UF         | UNF | UVA | UNC Chapel Hill | U of Mississippi |
|---|------------|------------|-----|-----|-----------------|------------------|
| Sociological Abstracts/SocINDEX with full text  | x          | x          | x   | x   | x               | x                |
| SPORTDiscus with full-text  | Index only | x          | x   | x   | x               | x                |
| SportRxiv (Open Access Repository for Sport, Exercise & Health Research)<br><a href="https://www.sportrxiv.org/">https://www.sportrxiv.org/</a> | x          | x          | x   | x   | x               | x                |
| UpToDate  | Med school | Med school | x   | x   | x               |                  |
| Web of Science  | x          | x          | x   | x   |                 |                  |
| Wiley Online Library  | x          | x          | x   | x   | x               | x                |

#### Free databases

[AHRQ Health Care Innovations Exchange Databases](#)

[Centers for Disease Control and Prevention](#)

[Health Disparities Calculator](#)

[Healthy Lifestyles \(Temple University\)](#)

[Healthy Living Guide: The Nutrition Source \(Harvard\)](#)

[Healthy People 2020 Evidence-Based Resources \(Health Related Quality of Life & Well-Being\)](#)

[Peterson-KFF Health System Tracker](#)

#### Database Analysis:

UCF lacks AgeLine, EMBASE, Health & Medicine (ProQuest) and Scopus. Only 2 of the 5 peer institutions have AgeLine. Instead, UCF has Abstracts in Social Gerontology as does the University of Virginia. Only UF and UNC Chapel Hill have EMBASE. Both have pharmacy schools. EMBASE, while it contains some biomedical literature, is basically a pharmacological bibliographic database. Many of the biomedical journals included are also in PubMed and several other databases to which UCF subscribes. Therefore, UCF does not need EMBASE.



Health & Medicine ProQuest is only held by the University of North Florida and UNC Chapel Hill. While UCF does not have this database, it does subscribe to the following databases: Health and Medicine (Gale OneFile), Health and Wellness (Gale), and Health Source: Nursing/Academic Consumer Editions which will support the proposed Master of Science in Health Sciences.

Scopus is held by 3 peer institutions. In addition to Journal Citation Reports (which ranks the Physical Therapy journals in the list below), Science Direct, Taylor & Francis, Google Scholar, and Scimago Journal and Country Rank contain journal impact factors that we use instead of Scopus.

UCF has the databases it needs to support the Master of Science in Health Sciences.

**Books 2000- (Subject key words).** Subject key words were derived from Michael Rovito and the proposed curriculum.

| Subject Heading  | UCF | UF  | UNF | UVA | UNC Chapel Hill | U of Mississippi |
|--|-----|-----|-----|-----|-----------------|------------------|
| Aging—Health aspects   | 10  | 9   | 5   | 24  | 24              | 13               |
| Aging—Physiological aspects  | 49  | 44  | 28  | 35  | 71              | 37               |
| Athletes-- Nutrition   | 82  | 68  | 52  | 93  | 71              | 52               |
| <b>Biometry (Used for biostatistics)</b>                                 | 192 | 293 | 115 | 299 | 192             | 286              |
| <b>Clinical medicine--Research</b>                                       | 29  | 50  | 21  | 49  | 27              | 43               |
| Clinical nutrition   | 127 | 62  | 126 | 117 | 20              | 65               |
| <b>Clinical trials</b>   | 120 | 184 | 189 | 107 | 242             | 125              |
| <b>Chronic diseases—Treatment (Used for Chronic diseases—Management)</b> | 58  | 25  | 16  | 18  | 48              | 29               |
| Diabetes   | 280 | 266 | 236 | 208 | 398             | 323              |
| Dietary supplements  | 100 | 113 | 93  | 101 | 114             | 106              |
| <b>Endocrinology</b>   | 488 | 382 | 485 | 170 | 229             | 42               |
| Energy metabolism  | 57  | 72  | 25  | 64  | 53              | 52               |
| <b>Ethnic groups—Health and hygiene</b>                                  | 5   | 5   | 2   | 7   | 16              | 5                |
| <b>Exercise</b>  | 230 | 261 | 86  | 725 | 460             | 214              |
| Exercise Physiological aspects (Used for Exercise physiology)            | 150 | 129 | 78  | 142 | 158             | 62               |
| <b>Health behavior</b>   | 296 | 179 | 111 | 104 | 167             | 178              |
| Health care ethics See Medical ethics                                    |     |     |     |     |                 |                  |
| <b>Health promotion</b>  | 678 | 560 | 621 | 620 | 461             | 482              |
| Health services accessibility  | 311 | 339 | 161 | 320 | 526             | 348              |

| Subject Heading                                      | UCF         | UF          | UNF         | UVA         | UNC Chapel Hill | U of Mississippi |
|--|-------------|-------------|-------------|-------------|-----------------|------------------|
| Health services administration                       | 486         | 486         | 486         | 570         | 693             | 473              |
| <b>Health services for the aged</b>                  | 63          | 56          | 34          | 169         | 106             | 3                |
| <b>Human anatomy</b>                                 | 248         | 231         | 177         | 266         | 230             | 265              |
| <b>Kinesiology—Research--<br/>Methodology</b>        | 3           | 3           | 0           | 2           | 4               | 5                |
| <b>Kinesiology—Statistical Methods</b>               | 3           | 1           | 0           | 5           | 1               | 0                |
| <b>Lifestyles—Health aspects</b>                     | 22          | 16          | 15          | 47          | 22              | 7                |
| Medical ethics                                       | 620         | 609         | 553         | 649         | 912             | 479              |
| <b>Medical protocols</b>                             | 32          | 41          | 26          | 24          | 25              | 7                |
| <b>Medically uninsured persons—<br/>Medical care</b> | 74          | 74          | 45          | 66          | 67              | 52               |
| <b>Meta-analysis</b>                                 | 68          | 75          | 23          | 39          | 41              | 186              |
| <b>Minorities—Health and hygiene</b>                 | 17          | 13          | 10          | 12          | 31              | 18               |
| <b>Nutrition</b>                                     | 853         | 1013        | 519         | 755         | 1424            | 1022             |
| Older people—Medical care                            | 118         | 129         | 56          | 127         | 344             | 187              |
| Older women—Health and hygiene                       | 17          | 17          | 11          | 6           | 15              | 1                |
| Oncology   | 1552        | 1188        | 1493        | 597         | 512             | 68               |
| <b>Personal coaching</b>                             | 45          | 37          | 54          | 125         | 31              | 21               |
| <b>Physical fitness--Psychology</b>                  | 14          | 14          | 3           | 19          | 46              | 21               |
| <b>Public health--Evaluation</b>                     | 17          | 31          | 17          | 12          | 25              | 51               |
| <b>Quantitative research</b>                         | 124         | 87          | 67          | 140         | 52              | 134              |
| <b>Systematic reviews (Medical<br/>research)</b>     | 15          | 13          | 9           | 7           | 5               | 6                |
| <b>Transcultural medical care</b>                    | 27          | 27          | 45          | 17          | 44              | 28               |
| <b>Weight loss</b>                                   | 98          | 85          | 55          | 190         | 108             | 107              |
| <b>Women's health</b>                                | 187         | 206         | 89          | 254         | 403             | 353              |
| <b>Total</b>   | <b>7965</b> | <b>7493</b> | <b>6237</b> | <b>7301</b> | <b>8418</b>     | <b>5956</b>      |
|  | 1.00        | .94         | .78         | .92         | 1.06            | .75              |

**Book analysis:** UNC Chapel Hill has a few more books than UCF. The University of Florida and the University of Virginia have similar holdings to UCF. The University of North Florida and the University of Mississippi have fewer holdings than UCF. Therefore, UCF has the books to support the new Master of Science in Health Sciences.

### EBook Platforms

| Vendor  | UCF | UF | UNF                    | UVA | UNC Chapel Hill | U of Mississippi |
|---|-----|----|------------------------|-----|-----------------|------------------|
| Books@Ovid  | x   | x  | x                      | x   | x               |                  |
| Cambridge Core  | x   | x  | x                      | x   | x               | x                |
| Duke University Press eBooks  | x   | x  | x                      | x   | x               | selected         |
| EBSCO e-Books   | x   | x  | x                      | x   | x               | x                |
| Gale eBooks   | x   | x  | x                      | x   | x               | x                |
| HathiTrust Digital Library  | x   | x  | x                      | x   | x               | x                |
| National Academies Press  | x   | x  | x                      | x   | x               | x                |
| NCBI Bookshelf<br><a href="https://www.ncbi.nlm.nih.gov/books">https://www.ncbi.nlm.nih.gov/books</a> | x   | x  | x                      | x   | x               | x                |
| Oxford Handbooks Online   | x   | x  | x                      | x   | x               | selected         |
| ProQuest ebook Central  | x   | x  | x                      | x   | x               | x                |
| SAGE Knowledge  | x   | x  | Medicine & Health only | x   | x               | x                |
| Science Direct e-books (Elsevier) Freedom Collection  | x   | x  |                        | x   | x               |                  |
| Springer eBooks   | x   | x  | x                      | x   | x               |                  |
| Taylor and Francis eBooks   | x   | x  | x                      | x   | x               | x                |
| Wiley Online Library  | x   | x  | x                      | x   | x               | x                |

**eBook Platform Analysis:** UCF has all the eBook platforms listed. Therefore, UCF has the eBook platforms needed to support the proposed Master of Science in Health Sciences.

### Journals

| Journal title                                     | UCF       | UF | UNF       | UVA       | UNC Chapel Hill | U of Mississippi |
|---|-----------|----|-----------|-----------|-----------------|------------------|
| ACSM's Health and Fitness                         | x         | x  | x         | x         | x               |                  |
| <b>AIDS Education and Prevention, Q4</b>          |           | x  |           | x         | x               | x                |
| <b>American Journal of Clinical Nutrition, Q1</b> | x         | x  | x         | x         | x               | x                |
| <b>American Journal of Epidemiology Q2</b>        | x         | x  | x         | x         | x               | x                |
| <b>American Journal of Health Behavior Q4</b>     | 1996-2021 | x  | 1996-2021 | 1996-2021 | 1996-2021       | x                |

| Journal title  | UCF | UF          | UNF         | UVA         | UNC Chapel Hill | U of Mississippi |
|--|-----|-------------|-------------|-------------|-----------------|------------------|
| <b>American Journal of Health Promotion, Q3</b>  | x   | x           | x           | x           | x               | x                |
| American Journal of Lifestyle Medicine   | x   | x           | x           | x           | x               | x                |
| <b>American Journal of Preventive Medicine, Q1</b>   | x   | x           | x           | x           | x               | x                |
| <b>American Journal of Public Health, Q1</b>   | x   | x           | x           | x           | x               | x                |
| <b>Annals of Behavioral Medicine, Q1</b>   | x   | x           | x           | 1997-2017   | x               | 1991-2017        |
| <b>Annals of Epidemiology, Q1</b>  | x   | x           | x           | x           | x               | x                |
| <b>BMC Cancer, Q2 open access</b>  | x   | x           | x           | x           | x               | x                |
| <b>Breast Cancer Research and Treatment, Q2</b>  | x   | x           | x           | x           | x               | x                |
| <b>California Journal of Health Promotion open access</b>  | x   | x           | x           | x           | x               | x                |
| <b>Cancer Epidemiology Biomarkers &amp; Prevention, Q3</b>   | x   | 12 mo delay |             | x           | x               | x                |
| Childhood Obesity  | x   | x           |             | x           | 12 mo delay     | x                |
| <b>Clinical Infectious Diseases, Q1</b>  | x   | x           | x           | x           | x               | x                |
| <b>Culture Health and Sexuality, Q2</b>  | x   | x           | 15 mo delay | 15 mo delay | 15 mo delay     | 15 mo delay      |
| <b>Diabetes Care, Q1</b>   | x   | x           | 1996-2014   | x           | x               | x                |
| <b>Disability and Health Journal, Q1</b>   | x   | x           | x           | x           |                 | x                |
| <b>Endocrinology and Metabolism Clinics of North America, Q2</b>                                   | x   | 1987-2008   |             | x           | 1987-2014       |                  |
| <b>European Journal of Cancer, Q1</b>  | x   | x           | x           | x           | x               | x                |
| <b>Family &amp; Community Health, Q4</b>   | x   | x           | x           | x           | 1978-2014       | 1978-2015        |
| Focus on Healthy Aging   | x   |             |             |             |                 |                  |
| <b>Global Health Promotion, Q3</b>   | x   | x           | x           | x           | x               | x                |
| <b>Health Education &amp; Behavior, Q2</b>   | x   | x           | x           | x           | x               | x                |
| Health Education and Health Promotion, Iran, <a href="https://hehp.modares.ac.ir/">open access</a> | x   | x           | x           | x           | x               | x                |

| Journal title  | UCF         | UF          | UNF         | UVA         | UNC Chapel Hill | U of Mississippi |
|--|-------------|-------------|-------------|-------------|-----------------|------------------|
| <b>Health Education Journal (Q4)</b>   | x           | x           | x           | x           | x               | x                |
| <b>Health Promotion International, Q2</b>  | x           | x           | x           | x           | x               | x                |
| Health Promotion Perspectives (Emerging Sources) <b>open access</b>  | x           | x           | x           | x           | x               | x                |
| Health Promotion Practice (Emerging Sources)   | x           | x           | x           | x           | x               | x                |
| <b>Health Psychology (Q1)</b>  | x           | x           | x           | x           | x               | x                |
| International Journal of Behavioral Nutrition and Physical Activity <b>open access</b>   | x           | x           | x           | x           | x               | x                |
| International Journal of Health Promotion and Education (Emerging Sources)   | x           | x           | x           | x           | 2007-12         | x                |
| <b>International Journal of Radiation Oncology, Biology, Physics, Q1</b>   | x           | x           | 1976-2021   | x           | x               | 1976-94          |
| <b>Journal of Adolescent Health, Q1</b>  | x           | x           | x           | x           | x               | x                |
| <b>Journal of Alcohol and Drug Education, Q4</b>   | x           | x           | x           | x           | x               | x                |
| <b>Journal of American College Health, Q3</b>  | x           | x           | 15 mo delay | 15 mo delay | 15 mo delay     | 15 mo delay      |
| Journal of Autism and Developmental Disabilities   | x           | x           | x           | x           | x               | x                |
| Journal of Basic and Clinical Health Sciences, (Emerging Sources)  | x           | x           |             |             |                 |                  |
| <b>Journal of Clinical Oncology, Q1</b>  | x           | x           |             | x           | x               |                  |
| <b>Journal of Community Health. Q2</b>   | 12 mo delay | x           | x           | x           | 12 mo swly      | 1978-2004        |
| <b>Journal of Health Care for the Poor and Underserved, Q4</b>   | x           | x           | x           | x           | x               | x                |
| <b>Journal of Health Communication, Q2</b>   | x           | x           | x           | x           | 15 mo delay     | x                |
| Journal of Health Politics, Policy, and Law  | x           | x           | 12 mo delay | x           | x               | 12 mo delay      |
| Journal of Health Promotion & Behavior (Indonesia) <b>open access</b><br><a href="http://thejhp.com/index.php?journal=thejhp&amp;page=issue&amp;op=archive">http://thejhp.com/index.php?journal=thejhp&amp;page=issue&amp;op=archive</a> | x           | x           | x           | x           | x               | x                |
| <b>Journal of Physical Activity and Health, Q2</b>   | x           | 12 mo delay | 12 mo delay | x           | 12 mo delay     | 12 mo delay      |

| Journal title   | UCF       | UF        | UNF       | UVA | UNC Chapel Hill | U of Mississippi |
|---|-----------|-----------|-----------|-----|-----------------|------------------|
| Journal of School Health, Q3  | x         | x         | x         | x   | 1930-2017       | 1930-2008        |
| Journal of the Academy of Nutrition and Dietetics, Q2                               | x         | x         | x         | x   | 2004-2021       | x                |
| Journal of the American Heart Association, Q2 <i>open access</i> ,                  | x         | x         | x         | x   | x               | x                |
| Journal of the American Medical Association (JAMA), Q2                              | x         | x         | x         | x   | x               | x                |
| Journal of the National Cancer Institute, Q1  | x         | x         | x         | x   | x               | 12 mo delay      |
| Journal of the National Comprehensive Cancer Network (JNCCN), Q1 <i>open access</i> | x         | x         | x         | x   | x               | x                |
| New England Journal of Medicine, Q1   | x         | x         | x         | x   | x               | x                |
| Nutrients, Q1   | x         | x         | x         | x   | x               | x                |
| Nutrition Reviews, Q1   | x         | x         | x         | x   | x               | 1942-2008        |
| Nutrition Today   | x         | x         | x         | x   | 1966-2003       | x                |
| Obesity, Q1   | x         | x         | x         | x   | x               | x                |
| Pediatric Obesity, Q1   | x         | x         | x         | x   | 2012-2017       |                  |
| Perspectives on Sexual and Reproductive Health, Q1                                  | x         | x         | x         | x   | 12 mo delay     | 12 mo delay      |
| Physical and Health Education Journal   | x         | x         | x         | x   | x               | x                |
| Preventive Medicine, Q2   | x         | x         | x         | x   | x               | x                |
| Quality of Life Research, Q2  | x         | x         | x         | x   | 12 mo delay     | x                |
| Reproductive Health Matters, Q1   | 1993-2019 | 1993-2019 | 1993-2019 | x   | x               | x                |
| Sexual and Reproductive Healthcare, Q1  | x         | x         | x         | x   |                 | x                |
| Supportive Care in Cancer, Q3   | x         | x         | x         | x   | x               | x                |
| Tufts University Health and Nutrition Letter  | x         | x         | x         | x   | x               | x                |
|   |           |           |           |     |                 |                  |

| Journal title | UCF | UF | UNF | UVA | UNC<br>Chapel<br>Hill | U of<br>Mississippi |
|---------------|-----|----|-----|-----|-----------------------|---------------------|
|               |     |    |     |     |                       |                     |

**Journal Analysis:** UCF has all but two of the journals listed. as The University of Florida lacks one. The other four peer institutions lack more journal titles. Therefore, once UCF purchases the *American Journal of Health Behavior* and *AIDS Education and Prevention* (if desired), we have the journals needed to support the proposed graduate program.

**APPENDIX**

Signature of the Dean of Libraries.

\_\_\_\_\_  
**Signature of Equal Opportunity Officer**

\_\_\_\_\_  
**Date**

**Beau Case** Digitally signed by Beau Case  
Date: 2023.08.11 12:27:04  
-04'00'

\_\_\_\_\_  
**Signature of Dean of Libraries**

\_\_\_\_\_  
**Date**

This appendix was created to facilitate the collection of signatures in support of the proposal. Signatures in this section illustrate that the Dean of Libraries has reviewed sections above.



## **Appendix M**

### **Letters of Support from Other Academic Units (Internal and External), Businesses, Organizations, and Other Entities**

#### **Internal (UCF) Letters of Support**

1. CHPS Dean Christopher Ingersoll
2. UCF School of Kinesiology and Rehabilitation Sciences – including Wellness Research Center
3. UCF School of Kinesiology and Rehabilitation Sciences – permission for Master of Science in Health Sciences students to take courses as electives
4. UCF Wellness and Health Promotion Services
5. CHPS Rehabilitation Innovation Center
6. UCF Department of Population Health Sciences
7. UCF School of Global Health Management and Informatics
8. Office of Undergraduate Research
9. CHPS Center for Autism and Related Disabilities
10. UCF College of Nursing
11. UCF College of Community Innovation and Education

#### **External Letters of Support**

12. Orlando Veterans Administration Health Care Services (Orlando VAHCS)
13. Advent Health
14. Florida Department of Health
15. Orlando Health
16. HEBNI
17. UF Department of Health Education and Behavior



UNIVERSITY OF CENTRAL FLORIDA

**Office of the Dean  
College of Health Professions and Sciences**

12805 Pegasus Drive  
Orlando, FL 32816-2200

DATE: August 4, 2023  
TO: Whom It May Concern  
FROM: Christopher D. Ingersoll, Founding Dean *cdi*  
RE: Master of Science in Health Sciences Proposal

The mission of the College of Health Professions and Sciences is to improve health through integrative and inclusive education, research, clinical practice, and service with the vision of being recognized as a national leader in each of these areas. The proposed Master of Science in Health Sciences will contribute to this mission and vision and will also help to meet workforce demand in Florida for health educators/health education/health promotion specialists, registered dietitian nutritionists, and post-secondary health specialties educators.

The Department of Health Sciences, the unit in which this new degree program will be administered, has a strong track record of success in offering a robust undergraduate curriculum that includes high impact, research intensive and integrative learning experiences to students in one of the largest majors on campus. It also offers numerous enrichment opportunities for students as faculty routinely mentor undergraduate research and thesis projects, support students in presenting their research at conferences, and in some cases, assist them with publishing their results in peer-reviewed journals. The department also was the first, along with one other department on campus, to offer a highly successful study abroad course through the UCF Barcelona program. Despite the lack of a graduate program, Health Sciences faculty members have been very productive in research and have been very active in community and professional service. These indicators of success, along with the thoughtful and well-designed curriculum that has been proposed and the collaboration with the Orlando Veterans Health Care Service bode well for the anticipated success of the Master of Science in Health Sciences degree program.

The College of Health Professions and Sciences is committed to supporting the proposed degree program and to actively engage in activities that ensure its development and growth into one that is recognized nationally. The program is critical to the progress and success of our relatively new college. I look forward to seeing the implementation of this program and the contribution it will make toward preparing graduates for employment in areas critical to improving the health and well-being of individuals and communities.



**School of Kinesiology and  
Rehabilitation Sciences**

UNIVERSITY OF CENTRAL FLORIDA

July 19, 2023

Gail P. A. Kauwell, PhD, RDN, LDN, FAND  
Professor & Chair  
Department of Health Sciences  
University of Central Florida  
Orlando, FL

Dear Dr. Kauwell,

This letter is in response to your request for a letter supporting the Department of Health Sciences' proposed Master of Science – Health Sciences degree program. The focus of your program on public health education, health promotion, and behavior, along with the proposed curriculum, will prepare graduates for employment in areas critical to improving individual and community health and wellbeing. As such, your program complements our focus in the School of Kinesiology and Rehabilitation Sciences. Additionally, your proposed master's degree program will provide more opportunities for collaboration between our units. This includes prospects for expanding the services of our Wellness Research Center to include health education and health promotion initiatives led by Health Sciences graduate students completing practicum experiences.

I enthusiastically support this proposed program and look forward to increased collaboration between our units with the addition of your graduate degree program.

Respectfully submitted

A handwritten signature in black ink that reads "Jeffrey R. Stout". The signature is written in a cursive, flowing style.

Jeffrey R. Stout, Ph.D., FNCSA, FISSN, FACSM, FNAK  
Pegasus Professor & Founding Director  
School of Kinesiology and Rehabilitation Sciences  
College of Health Professions and Sciences  
University of Central Florida  
Office: 407.823.0211



UNIVERSITY OF CENTRAL FLORIDA

**School of Kinesiology and Rehabilitation Sciences  
Institute of Exercise Physiology & Rehabilitation Science**

14 August 2023

To whom it may concern:

This letter written in support of the request to allow thesis option students in the proposed Master of Science – Health Sciences degree program to enroll in an elective course during the summer term. The Division of Kinesiology typically offers several graduate courses during the summer term that can be made available to these students, with the most recent being APK6171 - Exercise Prescription for Special Populations and APK6173C - Body Composition and Anthropometrics.

We do not foresee any issues with this arrangement and look forward to working with thesis option students from the proposed Master of Science – Health Sciences degree program. If you would like any additional information, please feel free to contact me.

Respectfully,

A handwritten signature in black ink, appearing to read "D. H. Fukuda", is positioned below the word "Respectfully".

David H. Fukuda, Ph.D., FACSM, FNCSA  
Division Chair & Professor, Kinesiology  
Email: [david.fukuda@ucf.edu](mailto:david.fukuda@ucf.edu)  
Office: 407-823-0442



## Wellness & Health Promotion Services

Dear Dr. Kauwell,

I am writing to express the support of the UCF Wellness and Health Promotion Services for the Department of Health Sciences Master of Science in Health Sciences program and its mission to develop graduates who are skilled in translating scientific research into practical solutions for promoting healthy lifestyles and environments. The emphasis on promoting healthy lifestyles and environments is crucial for promoting health and well-being and for developing lifelong skills to improve quality of life among individuals and communities. This emphasis is perfectly aligned with our mission.

As part of their education and training, we understand that students will complete a practicum experience. Given the nature of our services, we can envision opportunities to partner with the program to provide practicum experiences that would be mutually beneficial for students using our services and students enrolled in the MS in Health Sciences program.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stephanie Spies'.

Stephanie Spies  
Director  
Wellness and Health Promotion Services  
University of Central Florida



UNIVERSITY OF CENTRAL FLORIDA

**School of Social Work**

College of Health Professions and Sciences  
12805 Pegasus Drive  
HS I – Suite 204  
Orlando, FL 32816-3358

July 21, 2023

Dear Dr. Kauwell:

I wholeheartedly support the proposed Master of Science—Health Sciences degree program in the Department of Health Sciences. The focus of your program (i.e., public health education/health promotion and behavior) and the proposed curriculum are thoughtful, well crafted, and timely to meet the needs of citizens in Florida and beyond. The program undoubtedly will prepare graduates for employment in areas critical to improving the health and well-being of individuals and communities.

The proposed program aligns perfectly with the mission and vision of our educational and research programs in the School of Social Work and our Center for Behavioral Research and Training. The strong connection between physical health and mental health makes the addition of your proposed program one that will open new opportunities for interprofessional collaboration that ultimately enhances the delivery of patient/client-centered care and improved patient/client and health systems outcomes.

I am excited about this proposed program, and I look forward to our units collaborating more closely with the addition of your graduate degree program.

Sincerely,

A handwritten signature in black ink, appearing to read "Matthew T. Theriot". The signature is written in a cursive style with a large, sweeping flourish at the end.

Matthew T. Theriot, Ph.D.  
Director and Professor  
School of Social Work  
matthew.theriot@ucf.edu



UNIVERSITY OF CENTRAL FLORIDA

**College of Health Professions and Sciences**

12805 Pegasus Drive Suite 365 Orlando, FL 32816

July 24, 2023

Dear Dr. Kauwell,

This letter is in response to your request for a letter in support of the Department of Health Sciences proposed Master of Science – Health Sciences degree program. The CHPS Rehabilitation Innovation Center welcomes the opportunity to work with faculty and students from your department as the mission of our center is to cultivate and leverage healthcare technology, education, care delivery, and wellness and prevention strategies to transform healthcare. The unique educational and research technologies available in the center, the interprofessional environment, and dedicated space for the Department of Health Sciences provides a great venue for engaging in academic and research endeavors aimed at promoting healthy lifestyles and reducing disease burden through health promotion activities.

I enthusiastically support this proposed program, and I look forward to collaborating closely your unit as you move forward.

Sincerely,

*Bari Hoffman*

Bari Hoffman, Ph.D., CCC-SLP, ASHA Fellow  
Associate Dean for Clinical Affairs  
College of Health Professions and Sciences University of Central Florida



UNIVERSITY OF CENTRAL FLORIDA

**College of Medicine**

Department of Population Health Sciences  
Health Sciences Campus at Lake Nona  
6900 Lake Nona Blvd., Orlando, FL 32827

August 4, 2023

Dr. Gail P. A. Kauwell  
Professor and Chair  
Department of Health Sciences  
College of Health Sciences and Professions  
University of Central Florida

Dear Dr. Kauwell,

It is with great pleasure that I write to provide my enthusiastic support for your proposed M.S. program in Health Sciences in the College of Health Sciences and Professions at UCF. Consistent with Healthy People 2030, there is an urgent need for health educators to help people prevent and address ongoing chronic diseases. Therefore, your proposed MS program that seeks to train graduate students in the translation and application of research to promote healthy behaviors with the goal of preventing and ameliorating chronic diseases fills a critical need. Indeed, your proposed curriculum designed to train students to become certified health and wellness coaches and certified health education specialists allow students to gain both the knowledge but also the certification to document their proficiency.

As you know, the Department of Population Health Science at the UCF College of Medicine (in collaboration with faculty from yours and many other departments throughout the university) are also planning a Masters program. However, I want to specifically detail how your planned MS program in Health Sciences will differ from the proposed MPH (Masters in Public/Population Health). Unlike your planned MS which seeks to train educators and practitioners, our proposed MPH will seek to train students to become scientific researchers to become the future research workforce and potentially pursue doctoral education. Thus, I do not foresee significant overlap in the types of students who complete the two degrees or the types of careers for which we train these students. However, I do foresee potential synergies and economies of scale by which some courses, particularly elective courses, could be cross listed in both programs. This would allow MS students to supplement with elective courses in the MPH program as well MPH students to gain some applied perspectives and electives that not available in our department. It will further avoid the need to hiring additional faculty with redundant expertise by allowing students in both programs to take courses in each other's programs.

As such, I believe the creation of the proposed MS program in Health Sciences not only fulfills a need in the healthcare workforce, but also could create additional opportunities for grown that would benefit health-oriented students throughout UCF.

Sincerely,

A handwritten signature in black ink, reading "Eric W. Schrimshaw". The signature is fluid and cursive, with a horizontal line extending to the right from the end of the name.

Eric W. Schrimshaw, Ph.D.  
Chair, Department of Population Health Sciences  
Professor of Medicine



**From:** [Kendall Cortelyou](#)  
**To:** [Gail Kauwell](#)  
**Subject:** RE: letter of support  
**Date:** Monday, August 28, 2023 11:44:34 AM  
**Attachments:** [image001.png](#)

---

Good Morning Gail,

I apologize for the delayed response, but I did hear back from my program directors. The general consensus is that there is no conflict with our current program. We would like to offer our course, HSC6911, Scientific Inquiry, for you to use in your curriculum. Here is a [link to the syllabus](#) for your review and would welcome the chance to chat about how we could work together.

All in all I think it looks like a great program and we are happy to be supportive in the process.

Thank you,  
Kendall

**Kendall Cortelyou, PhD, MHA**

Interim Director, School of Global Health Management & Informatics  
Program Director, Health Care Informatics  
Associate Professor  
College of Community Innovation & Education  
University of Central Florida  
Cell:407-461-3227  
Want to make an appointment? <https://calendly.com/drcortelyou>

---

**From:** Gail Kauwell <Gail.Kauwell@ucf.edu>  
**Sent:** Tuesday, August 15, 2023 9:49 PM  
**To:** Kendall Cortelyou <Kendall.Cortelyou@ucf.edu>  
**Subject:** RE: letter of support

Hi Kendall,

Sure. Please let me know if you have any questions. Just so you know, I have a letter from Eric so he is aware of this too. Students will be eligible to become Certified Health Education Specialists.

Best,  
Gail

---

**From:** Kendall Cortelyou <[Kendall.Cortelyou@ucf.edu](mailto:Kendall.Cortelyou@ucf.edu)>  
**Sent:** Tuesday, August 15, 2023 9:27 PM  
**To:** Gail Kauwell <[Gail.Kauwell@ucf.edu](mailto:Gail.Kauwell@ucf.edu)>  
**Subject:** Re: letter of support

Hi Gail,

Can you please send me your proposal including the curriculum?

Thank you,  
Kendall

**Kendall Cortelyou, PhD, MHA**

Interim Director, School of Global Health Management & Informatics

Program Director, Health Care Informatics

Associate Professor

College of Community Innovation & Education

University of Central Florida

Cell: 407-461-3227

Want to make an appointment? <https://calendly.com/drcortelyou>

On Aug 15, 2023, at 12:42 PM, Gail Kauwell <[Gail.Kauwell@ucf.edu](mailto:Gail.Kauwell@ucf.edu)> wrote:

Dear Kendall,

Our unit is proposing a Master of Science in Health Sciences degree program. Getting approval for this is very important to our faculty and students who are looking for a graduate program that matches their interests. I submitted the draft to John Weischampel who indicated that in addition to the letter I have from Eric S, it would be important to get a letter from you indicating your support and noting that there is no conflict of interest. I am on a tight timeline in order to meet the deadlines for the various committees by whom the proposal needs to be reviewed. I know that your time is valuable too, so I drafted a letter for you in case that if helpful. Please feel free to modify it or compose your own letter if you are willing to give your support. I need the letter by Thursday, August 17, 2023.

Please reach out if you have any questions or need additional information.

Gail P. A. Kauwell, PhD, RDN, LDN, FAND

Professor & Chair

Department of Health Sciences

University of Central Florida

Office: 407-823-0782

Fax: 407-823-2596

[Gail.Kauwell@ucf.edu](mailto:Gail.Kauwell@ucf.edu)

**ucf.edu**



UNIVERSITY OF CENTRAL FLORIDA

Office of Undergraduate Research

P.O. Box 161906
Orlando, FL 32816-196

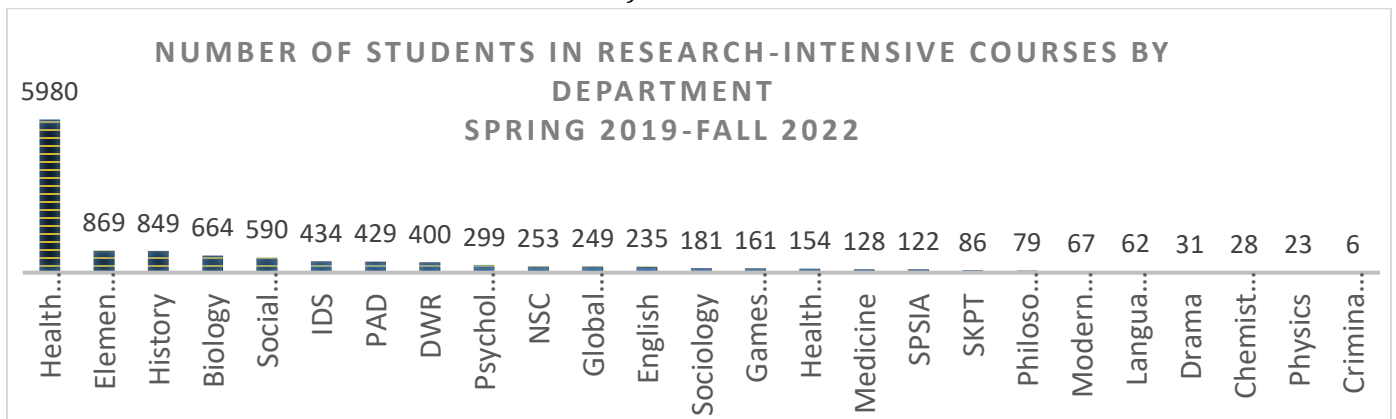
3 August 2023

To whom it may concern,

The outstanding commitment of Health Sciences faculty to undergraduate research is remarkable, both within UCF and even in terms of national comparisons. This means that there are a large number of graduating students primed and ready to undertake graduate work in Health Sciences. UCF urgently needs the proposed MS in Health Sciences to fulfil key goals of the current Unleashing Potential strategic plan.

There is a large demand among undergraduate students for a Health Sciences MS, because the Health Sciences department prepares students so well for further, graduate research. Within UCF as a whole, faculty on average mentored 3.31 undergraduate researchers in 2021-2022. Meanwhile, Health Sciences faculty mentored, on average, 8 students each in that year. Its faculty consistently mentor more students than faculty in other departments. Given the amount of planning, care, and individualized attention undergraduate research projects require, this is a stunning effort. The quality of Health Sciences' contribution to undergraduate research at UCF has been acknowledged with university awards (Jeanette Garcia, 2023 UCF Champion of Undergraduate Research: Rising Star award) and national awards. In 2022-2023, the Council on Undergraduate Research awarded Keith Branzendale the 2022-2023 Early Stage Mentor Award and Michael Rovito won the 2022-2023 Health Sciences Innovative Mentor Award.

The Health Sciences department's contribution to research opportunities at UCF can be seen further in its commitment to Research Intensive courses. The Research Intensive designation is awarded by a faculty committee to courses that include meaningful research projects into unsolved questions that prepare students for careers and graduate work. The Health Sciences courses have served more students than all the other Research-Intensive courses (and almost more than all other Research-Intensive combined).



All of this means that we believe that Health Sciences is well positioned to have demand for an MS course if it were offered. Anecdotal evidence from students also suggests that there would be a demand for this from the students. Students have expressed to us how disappointed they are that UCF does not have a Health Sciences MS, and how they have reluctantly applied to other universities, despite their strong ties to UCF and the central Florida region. A number of undergraduate researchers mentioned that a Health Sciences MS would be a great bridge to medical programs or nursing programs. A growing number of students are choosing to take “gap years” to prepare for medical school. A Health Sciences MS course would allow them to continue their education—boosting “the percent of graduates enrolled or employed”, a measure targeted by Priority 1 of UCF’s *Unleashing Potential* strategic plan (Cartwright et al, 2022). A Health Sciences MS would thus directly contribute to the “Health and Human Performance” area of focus singled out by *Unleashing Potential*, it would also connect students to UCF’s medical school and other programs. Together, they would significantly enrich UCF as a community of “thinkers, doers, creators, innovators, healers, and leaders” (Cartwright et al, 2022).

Sincerely,



Alison Hudson, DPhil  
Assistant Director (Faculty Initiatives and Data)  
Office of Undergraduate Research  
Division of Student Success and Well-Being  
University of Central Florida



Natalia Leal Toro, Ed.D.  
Director  
Office of Undergraduate Research  
Division of Student Success and Well-Being  
University of Central Florida



## Center for Autism and Related Disabilities

7/24/23

Dear Dr. Kauwell,

This letter is in response to your request for a letter in support of the Department of Health Sciences proposed Master of Science – Health Sciences degree program that will focus on public health education/health promotion and behavior. The health risks posed by behavior frequently seen in children and adults with autism are significant, and include sleep disturbance, obesity, accidents, and drowning. The Center for Autism and Related Disabilities looks forward to continuing to partner with Health Sciences and to deepen our affiliation with your department.

Our experience with the Judo for Autism program started by your faculty proved to be a terrific success and demonstrated how a health promotion program for this population could improve physical activity, sleep quality, social skills, and self-confidence among youth with autism spectrum disorder. Initiating a graduate program in which students learn how to design, validate the effectiveness, and sustain health education/promotion programs that improve the health status and quality of life of vulnerable/underserved populations like the program developed for Judo for Autism, is needed to reduce health disparities among this and other vulnerable populations.

The Center for Autism and Related Disabilities is excited to think about how the Master of Science program will increase the potential for research and demonstration projects, clinical applications, and education that will benefit our 20,800 registered families and adults.

I enthusiastically support this proposed program, and I look forward to our units collaborating more closely with the addition of your graduate degree program.

Sincerely,

A handwritten signature in black ink that reads 'Teresa Daly'.

Teresa Daly, Ph.D, BCBA-D  
Director  
UCF Center for Autism and Related Disabilities  
12424 Research Pkwy, Ste 365  
Orlando, FL 32826



UNIVERSITY OF CENTRAL FLORIDA

Graduate Council Curriculum Committee

20 September 2023

Committee,

This letter is to document the support of the College of Nursing for the College of Health Professions and Science's proposed Master of Science in Health Sciences degree program and the courses therein. Specifically, HSC6308 – Systematic Reviews and Meta-Analyses in Health Sciences and HSC6053 – Theoretical Foundations of Health Promotion and Education.

We have examined these in comparison to similar classes offered by the College of Nursing and find them to be sufficiently unique in content and focus.

Sincerely,

*S. D. Heglund*

Stephen D. Heglund, PhD, MSN, ARPN, FNP-C

Senior Lecturer

Interim Assistant Dean of Academic Affairs

UCF College of Nursing

CC: Joel Cramer, Gail Kauwell, File

**From:** [Joel Cramer](#)  
**To:** [Gail Kauwell](#)  
**Subject:** Fw: MS in Health Sciences  
**Date:** Wednesday, September 27, 2023 10:02:47 AM

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FYI below

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**From:** Joel Cramer <Joel.Cramer@ucf.edu>  
**Sent:** Wednesday, September 27, 2023 10:02 AM  
**To:** Ronnie Zimmerman <Ronnie@ucf.edu>  
**Subject:** Re: MS in Health Sciences

Hi, Ronnie. Could I ask that you voice support? Elise will be looking for support. If we cannot produce any support, because we don't have any letters from you or Debbie, they will likely table those courses again. We really would like to avoid that...

Thanks,

-Joel

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**From:** Ronnie Zimmerman <Ronnie@ucf.edu>  
**Sent:** Wednesday, September 27, 2023 9:59 AM  
**To:** Joel Cramer <Joel.Cramer@ucf.edu>  
**Subject:** RE: MS in Health Sciences

Hi Joel;

Sorry. I was on vacation. I reached out to Debbie and never heard back. I still think that this is something that we need to be supportive of. I will not voice any concerns today.

Thanks for your patience.  
Ronnie

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**From:** Joel Cramer <Joel.Cramer@ucf.edu>  
**Sent:** Wednesday, September 27, 2023 9:44 AM  
**To:** Ronnie Zimmerman <Ronnie@ucf.edu>  
**Subject:** Re: MS in Health Sciences

Hi, Ronnie. It looks like you've been out of town... Sorry! Wondering if you have any updates on this issue for the meeting today?

Thanks,

-Joel

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**From:** Joel Cramer <[Joel.Cramer@ucf.edu](mailto:Joel.Cramer@ucf.edu)>  
**Sent:** Tuesday, September 26, 2023 9:12 AM  
**To:** Ronnie Zimmerman <[Ronnie@ucf.edu](mailto:Ronnie@ucf.edu)>; Milene Martinez <[Milene.Martinez@ucf.edu](mailto:Milene.Martinez@ucf.edu)>  
**Cc:** Ranetta Guinn <[rguinn@ucf.edu](mailto:rguinn@ucf.edu)>; Gail Kauwell <[Gail.Kauwell@ucf.edu](mailto:Gail.Kauwell@ucf.edu)>  
**Subject:** Re: MS in Health Sciences

Hi, Ronnie. Just circling back about this, since the meeting is tomorrow at 2:30. Thanks! -Joel

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**From:** Joel Cramer  
**Sent:** Friday, September 15, 2023 1:23 PM  
**To:** Ronnie Zimmerman <[Ronnie@ucf.edu](mailto:Ronnie@ucf.edu)>; Milene Martinez <[Milene.Martinez@ucf.edu](mailto:Milene.Martinez@ucf.edu)>  
**Cc:** Ranetta Guinn <[rguinn@ucf.edu](mailto:rguinn@ucf.edu)>; Gail Kauwell <[Gail.Kauwell@ucf.edu](mailto:Gail.Kauwell@ucf.edu)>  
**Subject:** MS in Health Sciences

Hi, Ronnie. I'm reaching out to ask for your support for a new MS program in Health Sciences that we are proposing. Dr. Gail Kauwell has been the driving force behind this program and its courses. She is the Chair of the Department of Health Sciences, and they do not currently have a graduate program (we are hoping to change that).

Attached is the overall proposal. Specifically, there is one new course in our curriculum that was questioned about overlap with EDF 7489 in CCIE. I am asking for your blessing, and perhaps the blessing of Debbie Hahs-Vaughn, to help our new program proposal move forward with the GCCC. We already have a strong support letter from Kendall Cortelyou in the School of Global Health Management and Informatics.

Earlier this week, the Graduate Council Curriculum Committee (GCCC) met to review the new courses being proposed. I believe that Debbie Hahs-Vaughn expressed some concerns to Elsie Olan, who is the CCIE representative on the GCCC about this course being proposed:

**HSC 6053 - Systematic Reviews and Meta-Analyses in Health Sciences**

Flagged for overlap with CCIE and CON, also consider adding prereq of HSC 6052.

CCIE: Possible overlap with Methodology, Measurement and Analysis department offerings at the Master's level and with course [EDF 7489 Quantitative Research Synthesis](#) at the doctoral level. Debbie L. Hahs-Vaughn, PhD, Professor, [debbie@ucf.edu](mailto:debbie@ucf.edu), ED 222M

Would you have time to meet with me next week to see what we can do? I'd be happy to meet with Debbie, too, but I wanted to ask you first. [@Milene Martinez](#) will you please work with Dr. Zimmerman to setup a time next week?

Thanks!

-Joel



**Joel T. Cramer PhD, FNSCA, FACSM, FISSN, CSCS\*D, NSCA-CPT\*D**

*Senior Associate Dean for Academic and Faculty Affairs*

[College of Health Professions and Sciences](#)

[University of Central Florida](#)

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Office: 407.823.0647

Cell: 402.405.4345

[joel.cramer@ucf.edu](mailto:joel.cramer@ucf.edu)

[UCF Profile](#) | [FaceBook](#) | [Twitter](#) | [LinkedIn](#) | [ResearchGate](#) | [ORCID](#) | [Google Scholar](#) |  
[PubMed.gov](#)

Please note: Florida has a very broad open records law (F.S. 119). Emails may be subject to public disclosure.



**DEPARTMENT OF VETERANS AFFAIRS**  
**Orlando VA Healthcare System**  
**13800 Veterans Way**  
**Orlando, FL 32827**

July 28, 2023

Gail P. A. Kauwell, PhD, RDN, LDN, FAND  
Professor and Chair  
Department of Health Sciences  
University of Central Florida

Dear Professor Kauwell,

The Orlando Veterans Administration Healthcare System (Orlando VAHCS) is thrilled to support the University of Central Florida (UCF) Department of Health Sciences' proposal to establish a Master of Science in Health Sciences. Establishment of this program represents a unique opportunity for us to partner with UCF on an important educational mission, namely, the educational preparation of individuals eligible to take the credentialing exam to practice as registered dietitian nutritionists (RDNs) and be licensed in the state of Florida.

Beginning January 1, 2024, individuals who complete an accredited dietetic internship program, such as the one that is under development at the Orlando VAHCS, must also complete a master's degree to be eligible for the RDN credential. Our staff has held planning meetings for over a year to discuss our respective programs and how to achieve the credentialing requirements. Our mutual objective is to contribute to meeting the workforce demand for RDNs in Florida, especially in Central Florida where the need is projected to grow by 15% between now and 2030.

The focus of the proposed master's degree program is recognized as one that will enhance the knowledge and skills of future RDNs who work in settings where expertise in health promotion, behavior change, and translation of research into practice are critical. The added value of being eligible for certification as a Certified Health Education Specialist (CHES) and/or Health and Wellness Coach will increase the value and competitiveness of our mutual graduates and will contribute to their ability to improve the health and well-being of patients, clients, and communities.

We look forward to the approval and successful launch of the Master of Science in Health Sciences as it is critical to our ability to enroll and educate students from diverse backgrounds into our dietetic internship program and ensure that they will meet all the eligibility requirements to take the RDN credentialing exam. We also look forward to recruiting graduates for positions in our respective organizations and to seeing them gain employment in healthcare facilities in our region and state.

Please do not hesitate to contact Dr. Jennifer Thompson at [jennifer.thompson6@va.gov](mailto:jennifer.thompson6@va.gov) if there is additional information we might provide to support this important endeavor.

Sincerely,

Jennifer C.  
Thompson 687459

Digitally signed by Jennifer C.  
Thompson 687459  
Date: 2023.07.28 15:12:28 -04'00'

Jennifer C. Thompson, MD, MPH, MACP, FIDSA

Associate Chief of Staff for Education  
Chief, Education Service  
Orlando VA Healthcare System

Professor of Internal Medicine  
University of Central Florida College of Medicine

Timothy J. Cooke  
Medical Center Director/CEO  
Orlando VA Healthcare System

July 28, 2023

To Whom It May Concern

Advent Health is thrilled to support the University of Central Florida (UCF) Department of Health Sciences' proposal to establish a Master of Science in Health Sciences. Establishment of this program will support our need for prospective employees who have the qualifications, knowledge, and skills to support our healthcare services where we provide high quality, compassionate care focused on "whole person health" and improving the health and wellbeing of the communities we serve.

The demand for health education/health and wellness specialists and registered dietitian nutritionists is high, and we look forward to seeing UCF take a role in helping us to meet workforce needs.

Yours truly,



Olesea Azevedo

Senior Vice President, Chief People and Culture  
Officer

AdventHealth

**Mission:**

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



**Ron DeSantis**  
Governor

**Joseph A. Ladapo, MD, PhD**  
State Surgeon General

**Vision:** To be the Healthiest State in the Nation

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August 11, 2023

To Whom it May Concern:

I am the Bureau Chief at the Florida Department of Health, Bureau of WIC Program Services. The WIC Program provides eligible participants supplemental nutritious foods, nutrition education, breastfeeding promotion and support, and referrals to health care. At the local level we have registered dietitian nutritionists (RDNs) and nutrition educators who fill positions within the 44 WIC agencies of the state of Florida. At the state WIC office, we also must employ several nutrition professionals. The Florida Department of Health WIC Program is in constant need of these professionals to fill new positions and positions that have been vacated. Educational programs that prepare individuals for positions as nutrition professionals and contribute to the educational preparation of RDNs, such as the proposed Master of Science in Health Sciences at UCF, is a welcomed opportunity as it will contribute to providing practitioners that can help us meet our workforce demand.

Sincerely,

Brenda Treadwell, Chief  
Bureau of WIC Program Services

BT/hm

# ORLANDO HEALTH

## NURSING ADMINISTRATION

55 W Gore St., 3rd Floor, MP 3 | Orlando, FL 32806

(412) 523-0897

To Whom it May Concern,

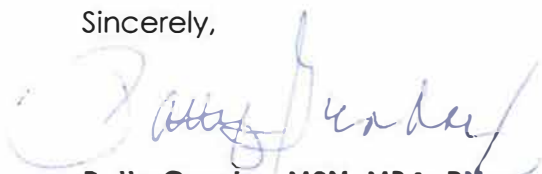
Orlando Health Nutritional Services is pleased to support the University of Central Florida (UCF) Department of Health Sciences' proposal to establish a Master of Science in Health Sciences. Establishment of this program represents a unique opportunity for continued partnership with UCF on an important educational mission, namely, the educational preparation of individuals eligible to take the credentialing exam to practice as registered dietitian nutritionists (RDNs) and be licensed in the state of Florida.

Beginning January 1, 2024, individuals who complete an accredited dietetic internship program, such as the one that is under development at the Orlando VAHCS, must also complete a master's degree to be eligible for the RDN credential. Our team has held planning meetings with Dr. Kauwell for over a year to discuss our respective programs and how to achieve the credentialing requirements and contribute to meeting the workforce demand for RDNs in Florida, especially in Central Florida where the need is projected to grow by 15% between now and 2030.

The focus of the proposed master's degree program is recognized as one that will enhance the knowledge and skills of future RDNs who work in settings where expertise in health promotion and behavior changes and translation of research into practice are critical. The added value of being eligible for certification as a Certified Health Education Specialist (CHES) and/or Health and Wellness Coach will increase the value and competitiveness of our mutual graduates and will contribute to their ability to improve the health and well-being of patients, clients, and communities.

We look forward to the approval and successful launch of the Master of Science in Health Sciences as it is critical to our ability to enroll and educate students from diverse backgrounds into our dietetic internship program and ensure that they will meet all the eligibility requirements to take the RDN credentialing exam. We also look forward to recruiting graduates for positions in our organization and for seeing them gain employment in other healthcare facilities in our region and state.

Sincerely,



**Patty Genday MSN, MBA, RN**

Assistant Vice President, Academic Partnerships  
Corporate Nursing Administration



Gail Kauwell PhD, RDN, LDN, FAND  
Professor and Chair  
Department of Health Sciences  
4364 Scorpius Street  
Orlando, FL 32816

August 11, 2023

Dear Dr. Kauwell,

I am writing this letter to express my enthusiastic support for the UCF MS in Health Sciences Program and its mission to develop graduates who are skilled in translating scientific research into practical solutions for promoting healthy lifestyles and environments. This program's commitment to addressing the needs of underserved communities and reducing chronic diseases aligns perfectly with the pressing health challenges of our time.

The significance of well-trained nutrition and **dietetic professionals** and **health education/health promotion specialists** cannot be understated, particularly in today's world where chronic diseases and health disparities are on the rise. The UCF MS in Health Sciences program focuses on equipping graduates with the knowledge and skills needed to effectively translate complex scientific research into actionable strategies is commendable. This approach will undoubtedly empower graduates to make a tangible impact on the health and well-being of individuals and communities, especially those that have been historically underserved.

The emphasis on promoting healthy lifestyles and environments is crucial for preventing and managing chronic diseases. By addressing the root causes of these health issues through proper nutrition and lifestyle interventions, graduates of the program will be positioned to make a lasting difference in the communities they serve. As the co-founder of Hebni Nutrition, I am particularly impressed by the program's commitment to underserved populations. By focusing on these communities, graduates will be able to address health disparities, including culturally competent strategies for health, and contribute to a more equitable distribution of health resources and services.

In addition to its academic rigor, the UCF MS in Health Sciences Program also stands out for its practical approach to education. The inclusion of hands-on experiences, practical training, and community engagement opportunities will ensure that graduates are not only well-versed in theory but also capable of applying their knowledge effectively in real-world scenarios.





As an advocate and community dietitian for better health, the members of my team and I have a keen interest in public health and nutrition. I have had the privilege of witnessing the positive outcomes that result from programs like the one you have proposed at UCF. The graduates you produce will play a pivotal role in transforming health outcomes and fostering healthier communities. I wholeheartedly support the UCF MS in Health Sciences program's vision and mission. I look forward to seeing UCF take a role in helping us to meet workforce needs that can have a positive and lasting impact on our individual clients and the community we serve.

Thank you for your dedication to excellence in education, research, and community service. I am excited to see the positive contributions that UCF MS in Health Sciences program will continue to make in the realm of public health and underserved communities.

Sincerely,

A blue ink handwritten signature of Roniece Weaver, consisting of a large initial 'R' followed by a cursive 'W' and a horizontal line.

Roniece Weaver MS, RD, LD  
Co-Founder Hebni Nutrition  
Hebni Nutrition Consultants, Inc.  
[www.hebninutrition.org](http://www.hebninutrition.org)





July 28, 2023

Gail P. A. Kauwell, PhD, RDN, LDN, FAND  
Professor & Chair, Department of Health Sciences  
University of Central Florida  
[Gail.Kauwell@ucf.edu](mailto:Gail.Kauwell@ucf.edu)

Dear Dr. Kauwell:

Thank you for contacting us about the proposed Master's (MS) degree program in Health Sciences [Classification of Instructional Programs (CIP) code 51.2207] in the College of Health Professions and Sciences at University of Central Florida (UCF). As you know, our department currently offers a MS degree program in Health Education and Behavior (CIP code 51.2208) at the University of Florida (UF) with online and residential modality options.

We understand that your proposed MS program in Health Sciences will be a full-time, residential program and will offer thesis and non-thesis options designed to meet competencies required to be eligible to become a Certified Health Education Specialist (CHES) and a certified Health and Wellness Coach through the National Board of Health and Wellness Coaches. Our MS program also meets the eligibility requirements for the CHES exam which is a nationally recognized credential increasing employability in conjunction with the MS degree. From what we understand, you have no plans to develop an online program and your anticipated maximum enrollment will be approximately 35 students by Year 5 of program implementation. Further, the primary audience for your proposed MS program are Health Sciences or related program graduates from UCF and Orlando Veterans Administration Health Care Services dietetic interns.

We do not anticipate an impact on enrollment in our MS program for several reasons. Because your proposed MS program will draw local Health Sciences and related students from UCF, it will likely not enroll students from outside your program. Accordingly, our MS program does not typically draw upon or enroll UCF graduates. And, your program will only be offered as a full-time, residential program while our MS programs offers part-time, full-time, residential, and online options with the majority of students enrolled in the online program. Your enrollment will also have a limit of 35 students or related capacity and not likely infringe on enrollment in other related programs.

One potential benefit of the newly proposed MS program at UCF is that it may open new opportunities for research collaborations between our departments and universities. We appreciate you contacting us to discuss the proposed MS program in Health Sciences at UCF and wish you the best as you pursue approval. Please do not hesitate to contact me at [mmmm@ufl.edu](mailto:mmmm@ufl.edu) if you need further information.

Sincerely,



Mildred M. Maldonado-Molina, PhD  
Professor & Chair, Health Education and Behavior