

**HERBERT JAMES (TOMMY)
ASSISTANT PROFESSOR
SCHOOL OF VISUAL ARTS & DESIGN
(SVAD) ARCHITECTURE
UNIVERSITY OF CENTRAL FLORIDA**

I. EDUCATION

M.A. Masters of Architecture

University of Florida, Gainesville, FL 2008
Minor in Urban Planning, Certificate of
Sustainable design

B.S.- Bachelors of Design

University of Florida, Gainesville, FL 2005

II. Architecture Professional Experience

Studio 407 Architects – Project Designer and Architect 2018-Present

HHCP Architects – Project Designer and Architect 2016 –2019

HuntonBrady Architects – Project Designer and Architect 2011 – 2016

Jagoe Architects – Architectural Designer 2009 – 2011

Wimberly Allison Tong and Goo (WATG) – Design 2008 – 2009

Walt Disney Imagineering Master Planning / Urban Design –
Intern 2005 - 2007

III. Teaching Experience

Assistant Professor

School of Visual Arts & Design,
Architecture 2018 - Present
University of Central Florida, Orlando,
FL

Adjunct Professor

Architecture Department,
University of Central Florida, Orlando, FL 2015-2017

Adjunct Professor

Engineering and Technology
B Valencia State College, Orlando, FL 2008-2016

IV. Service

II . RESEARCH / PROFESSIONAL WORK

ACADEMIC RESEARCH AND APPLIED PROFESSIONAL SERVICES:

RESEARCH: Pipeline to Better Placemaking:

2019 - **Current Academic Research Project:** The inception of the "Pipeline to Better Placemaking" vision entails the establishment of a systematic 6-step approach, wherein the community's collective sentiments and aspirations actively contribute to defining the essence of a place. This sequential process leverages a communal platform designed to gauge the caliber of a place by means of human behavior mapping. Local designers and community stakeholders collaborate in this endeavor, employing augmented reality tools to solicit and integrate feedback from ordinary individuals who form the fabric of the community.

The "Pipeline to Better Placemaking" seeks to secure the genuine support of the community following the participatory design phase. Subsequently, the implementation of this vision provides a channel for communal voting and crowd funding, facilitating the realization of enhanced and improved "Places" reflective of the community's desires and preferences..



2022 Academic Research Project **PROTOTYPE 3** of **Step 1: Measuring Place** A series of digital surveys measuring public life through Human Behavior & the Built Environment of the “Pipeline to Better Placemaking” in Collaboration with UCF Computer Science and UCF Psychology department.

I began the development of the next 3 tests that will measure human behavior and physical spatial identity. These tests include:

- 1. Program Mapping (what, where, and how much)*
- 2. Section Analysis (Cross-site sections)*
- 3. Access Analysis (How people arrive)*

Using our collective resources, we are navigating the best coding and psychological ways to collect and process the data. The goal remains to identify for clients such as city municipalities, developers, and architects on the best way to approach their projects.

2022- **FUNDED** Academic Research Project **PROTOTYPE 4**: of **Step 3: Digital Engagement of Place** – an augmented reality platform to garner community input & support in the “*Pipeline to Better Placemaking*” in Collaboration with international Augment Reality Firm AKULAR

FUNDED With a capital infusion of \$40,000 from the UCF Seed Fund, our venture has entered into a strategic collaboration with the renowned international Augmented Reality (AR) enterprise, AKULAR. Building upon the achievements of the preceding Prototype 3, developed by the esteemed UCF Mixed Reality group, our research endeavors are currently directed towards enhancing the efficiency of the user interface (UI) and optimizing the intricate processes involved in model processing for end-users. Key aspects of our focus encompass material considerations, model attributes, server-based uploading mechanisms, and the crucial aspect of anchoring within the AR context. Additionally, we are actively engaged in devising methodologies to effectively analyze the data amassed through user surveys, thereby consolidating our efforts in refining the AR experience.

LINK: <https://play.google.com/store/apps/details?id=com.AKULAR.ucf>

2021–2022 Academic Research Analysis: **Measuring Security in the Built Environment and its Importance to Placemaking Step 1 & 3 of 6** in the “*Pipeline to Better Placemaking*” in Collaboration UCF Architecture Thesis Student

The present study involves a collaboration between the researcher and Isabella Wilhelm, an Honors Undergraduate Thesis student affiliated with the architecture department. The primary objective of this investigation is to comprehensively examine the methodologies employed for data acquisition and processing in the context of measuring the built environment within real-world settings. Our overarching aim is to discern the factors influencing perceptions of security among individuals in distinct spatial contexts.

Numerous tests have been devised as part of this research to explore the various elements contributing to the perception of security, such as sound, boundary features, orderliness, material characteristics, and overhead factors. These carefully designed tests will enable rigorous analysis of the subject matter, leading to valuable insights into the varying degrees of security experienced by individuals in different spatial environments.

2021-2022 Academic Research Project **PROTOTYPE 2**: of **Step 1: Measuring Place** A series of digital surveys measuring public life through Human Behavior & the Built Environment of the “*Pipeline to Better Placemaking*” in Collaboration with UCF Computer Science and UCF Psychology department.

The inception of a novel mobile phone/tablet application aimed at the assessment of the quality of extant "places" marks the initiation of a compelling endeavor. The preliminary phase encompasses the design and implementation of two initial tests, with a potential expansion to encompass a corpus of 8-15 examinations dedicated to the quantification of human behavioral patterns and the analysis of physical spatial characteristics. By harnessing the amalgamated expertise of our collaborative team, we are currently navigating the realm of coding and psychological methodologies, seeking to adeptly acquire and process the accrued data.

The ultimate objective of this undertaking is to furnish invaluable insights for esteemed clientele, including city municipalities, developers, and architects, enabling them to adopt the most efficacious approach for their respective projects. With this paramount ambition in mind, we are embarking on the development of an additional five tests, comprehensively geared towards the measurement of human behavioral patterns and the meticulous evaluation of physical spatial attributes.

1. *Spatial Boundaries (Shade and Special edge)*

2. *Lighting Profile (Locations)*
3. *Nature Prevalence (Plant & animal)*
4. *Absence of Order Locator (i.e., broken windows, potholes)*
5. *Acoustical Profile (Decibels)*

2019–21: Academic Research Analysis: **Interpreting human behavior Step 1 & 3 of 6** in the “Pipeline to Better Placemaking” in Collaboration UCF Psychology department.

In collaboration with Natalie Verdiguél, an Honors Undergraduate Thesis student affiliated with the psychology department, our research endeavors to explore optimal methodologies for data acquisition and analysis in the context of measuring and surveying individuals within real-world settings. The principal objective of this study is to gain insights into the underlying motives that drive human locomotion, repose, and behavioral patterns. The investigative protocols encompassed a series of tests, which are as follows:

1. *People in Motion (where & how)*
2. *People in Place (where & what)*
3. *QR Occupant Survey (personal history)*

2020-21 – Academic Research Project PROTOTYPE 3: of **Step 3: Digital Engagement of Place – an augmented reality platform to garner community input & support** in the “Pipeline to Better Placemaking” in Collaboration with UCF Mixed Reality Department

LINK: <https://youtu.be/yrKRFhce5ac>

The objective is to enhance the existing prototype from the computer science program department by fortifying its underlying codebase. The primary aim is to enable highly precise model localization, minimizing any drift or spatial inconsistencies without requiring extensive calibration by an administrator. To achieve this, the mobile/tablet application necessitates a refined user interface (UI) that seamlessly integrates survey questions from the Qualtrics survey platform while concurrently providing a robust visualization of augmented reality (AR) models.

2020-21 – Academic Research Project PROTOTYPE 2: of **Step 3: Digital Engagement of Place – an augmented reality platform to garner community input & support** in the “Pipeline to Better Placemaking” in Collaboration with UCF Computer Science and UCF Psychology department

LINK: <https://youtu.be/VdYkAYokcGM>

The process entails advancing the prototype emanating from the Games and Interactive Media program into a mobile/tablet application. This application aims to facilitate public access to downtown projects via GPS and bar code scanning functionalities. Upon successful localization, the public gains the ability to visualize full-scale projects in real-time, enabling them to exercise voting and commenting privileges on their preferred initiatives. Consequently, this participatory approach fosters public buy-in and engenders approval, bolstering the overall success and acceptance of the projects.

2020 – Academic Research Project PROTOTYPE 1: of **Step 3: Digital Engagement of Place – an augmented reality platform to garner community input & support** in the “Pipeline to

Better Placemaking” in Collaboration with UCF Nicholson School of Communication Media Games and Interactive Media program.

Coding and building a prototype that allows common architectural industry design software to display work in full-scale real-time street view using Augmented reality.

LOCAL: While an assistant professor at UCF

(* in 2021-2023 Architecture firm Studio 407 bought out the course)

2021-2022 - Academic Research Project: The Orlando Main Street District "Parramore" conceptualization study involves collaboration with students to develop a comprehensive vision for rejuvenating the local commercial district. This project aims to compile spatial determinants and establish a platform for the assessment of public spaces and other similar initiatives. By engaging with the community, the study seeks to provide valuable insights and proposals to revitalize the commercial district effectively.

Status: *Conceptual master plan used to promote new development to the community.*

Role: *Professor / Project Manager*

Cost: *n/a*

IMPACT: *working with local leaders of a neighborhood to give visuals of potential improvements to their community*

Collaboration: *Parramore Mainstreet District, City of Orlando*

Description: *Conceptual Design services to bring fresh ideas to aging 1920s community*

2022 – *Research Applied Professional Services The Winter Garden Grove is a comprehensive masterplan and architectural undertaking encompassing a multi-tenant commercial and restaurant development, situated in Winter Garden, Florida. The project spans an expansive 80,500 square feet of prime property.

Status: *Conceptual master plan working on getting tenants.*

Role: *project designer working Visualizations and design studies using PBP*

Cost: *\$270 thousand per unit*

Collaboration: *Studio 407*

IMPACT: *Providing a needed retail and commercial district to a saturated single-family residential region.*

Description: *Design and Construction Documentation.*

2022 - Research Applied Professional Services The Sun Hill Apartments project involved active engagement in the Conceptual Design and Design Development phases for a novel 64-unit apartment complex situated within the City of Orlando, Florida. The development comprises two-story buildings, strategically designed to enhance residential density within an industrious community setting. The apartment units primarily consist of spacious 2 and 3-bedroom configurations. As of now, the anticipated completion date is yet to be determined.

Status: *in permitting*

Role: *project designer working Visualizations*

Cost: *\$5,000,000 complex*

Collaboration: *Studio 407*

IMPACT: *Upgrading developers' investments for future sales.*

Description: *Design and marketing*

2022 – Research Applied Professional Services The 1000 North Mills 50 District Commercial Building entails the architectural endeavor of crafting a 10,000 square foot structure. Functionally, this edifice adopts a Mixed-Use paradigm, encompassing both culinary and retail spaces, thereby catering to the needs of pedestrians traversing the Mills Mainstreet District in Orlando, FL.

Status: *Under Construction.*

Role: *Visualizations and design studies using Pipeline to Better Placemaking*

Cost: *\$220K*

Collaboration: *Studio 407*

IMPACT: *Minority-own clients to have their first building in the Mill 50 District.*

Estimate when completed 32,500 visitors a year. Also, proves that modern architecture can fill the role of significant pedestrian-oriented architecture in Orlando.

Description: *Conceptual Design services and Construction Documentation providing new pedestrian-friendly commercial buildings for the Mills Mainstreet District.*

2022 – Research Applied Professional Services The Sanctuary Condos 1710, represent a multi-tenet condominium tower in Orlando, Florida's central urban area. The ongoing project involves meticulously renovating several 3,000 square feet of condominium units within the building. The property's strategic location in downtown Orlando is significant as the region's prime real estate development..

Status: *In Construction*

Role: *project designer working on Visualizations and construction documentation*

Cost: *\$160 thousand per unit*

Collaboration: *Studio 407*

IMPACT: *Upgrading developer's investments for future sales.*

Description: *Design and Construction Documentation.*

2021 - Research Applied Professional Services Seidel Commercial Development spearheaded the strategic formulation of a comprehensive Master plan and Conceptual Design for a prominent 20,000-square-foot commercial edifice, commissioned by the esteemed former NFL Chicago Bears player, Devin Hester. This eminent structure finds its abode in the City of Windermere. Notably, the project is slated for completion in the year 2025.

Status: *permitting to be applied for in the next 2 months*

Role: *project designer working Visualizations*

Cost: *\$10,000,000 multi-tenant*

Collaboration: *Studio 407*

IMPACT: *Upgrading developers' investments for future sales.*

Description: *Design and Construction Documentation.*

2020 – Research Applied Professional Services: (Local) Elise Esthetics Institute encompasses a purpose-built facility spanning an area of 2,300 square feet in the city of Longwood, Florida. This edifice serves as a specialized hub offering comprehensive educational programs tailored to cater to the developmental needs of aspiring estheticians, makeup artists, and individuals seeking advanced training in esthetics techniques.

Status: *Conceptual plans drawn. Waiting on additional funding*

Role: *Project Designer and Manager*

Cost: *\$180K*

Collaboration: *Studio 407*

IMPACT: *Assisted a women own business to own their own building for the first time.*

Description: *Conceptual Design services and Design Development documentation providing an new head quarters*

2020 - Academic Research Project: (Local) The Orlando Main Street District, also known as "Curry Ford West," encompasses a conceptualization study to envision the revitalization of the local commercial district. This initiative involves active student participation, seeking to furnish the community with a cohesive vision for their commercial area's rejuvenation. The project centers on the systematic assembly of spatial determinants, with the ultimate goal of establishing an analytical framework for evaluating public spaces and other prospective projects within the district.

Status: *Conceptual master plan completed.*

Role: *Professor / Project Manager*

Cost: *n/a*

IMPACT: *working with local leaders of a neighborhood to give visuals of potential improvements to their community*

Collaboration: *Curry Ford West Mainstreet District*

Description: *Conceptual Design services to bring fresh ideas to an aging 1950s community*

2020 - Academic Research Project: (Local) The UCF Phase II conceptualization study aims to present a well-defined vision for the future development of UCF Downtown in the Creative Village, catering to the community, university, and city stakeholders. The proposed 800,000 sqft tower encompasses a diverse range of programs, including facilities for the Paramore community, UCF's academic offerings, such as the 2+2+2 Architecture School, an AIA Design downtown design center, as well as commercial and residential dormitory spaces. Through this comprehensive plan, the project seeks to synergize the objectives of multiple stakeholders, paving the way for a progressive and integrated urban environment.

Status: *Conceptual master plan used to promote new development to the community.*

Role: *Professor / Project Manager*

Cost: *n/a*

IMPACT: *working with local leaders of a neighborhood to give visuals of potential improvements to their community*

Collaboration: *UCF The Office of the President, City of Orlando & Paramore community*

Description: *Conceptual Design services to bring fresh ideas to UCF Downtown Phase II*

2019 – Academic Research Project: c.

STATE: While an assistant professor at UCF

2021 – Research Applied Professional Services The Reliance Medical building is a meticulously planned Medical Office Building, encompassing an impressive area of 40,000 square feet. This facility has been purposefully designed as a comprehensive, all-encompassing hub for elderly care, offering a myriad of essential services under one roof. The establishment aims to streamline and optimize medical services for the elderly population in Lakeland, FL, by providing a convenient one-stop-shop approach.

The architectural layout of the building has been thoughtfully structured to accommodate a

range of vital healthcare services, including primary care, dietary counseling, state-of-the-art imaging facilities, specialized orthopedic treatments, dental care, and even access to a salon. By amalgamating these essential services, the Reliance Medical building aims to facilitate enhanced convenience and accessibility for elderly patients seeking comprehensive medical attention and care.

Located in the vibrant city of Lakeland, FL, the establishment strategically situates itself to serve the healthcare needs of the elderly population within the region. Its prominent presence and well-designed facilities offer a compelling proposition to address the unique challenges and requirements of elderly care in the area..

Status: *Stalled; Doctors group (owner) is looking for a new developer.*

Role: *Project Designer and lead Architect Visualizations and design studies using PBP*

Cost: *\$1 million*

Collaboration: *Studio 407*

IMPACT: *When completed, will provide a singular location to serve the medical needs of Lakeland's assisted living communities.*

Description: *Conceptual Design services and Design Development.*

NATIONAL: While an assistant professor at UCF

2020 - Research Applied Professional Services: The expansion of the convention center at the Hyatt Regency Grand Cypress, located at 1 Grand Cypress Blvd, Orlando, FL 32836, marks a significant development in the resort's facilities. This iconic Orlando resort has undergone enhancements to incorporate a new 25,000-square-foot ballroom, along with an additional 32,000 square feet of event, pre-function, and back of house space. These augmentations aim to accommodate a larger number of attendees, provide improved event management capabilities, and further elevate the resort's stature as a prominent venue for conferences and conventions.

Status: *Built.*

Role: *Lead Project Architect and Designer*

Cost: *\$32 million*

Collaboration: *HHCP, Hyatt Hotels*

IMPACT *Number of Visitors per year: 60,000 from across the country having their corporate conventions*

Description: *Design, documentation, and managed the 57,000 sqft addition to convention center*

INTERNATIONAL: While an assistant professor at UCF

2021-2022 – Research Applied Professional Services (International Brazilian Client) The Bella Citta Towers project is a multi-tower vacation home and mixed-use development, catering to an international clientele from Brazil. Spanning an extensive area of 2 million square feet, the project is strategically designed to be developed in phases over a period of three years. Situated in Kissimmee, Florida, the development holds a prime location near the renowned entertainment districts of Walt Disney World and Universal Studios, making it an ideal destination for tourists and visitors alike. The project aims to create a significant occupiable space, offering a diverse range of amenities and accommodations to enhance the overall vacation experience for its clientele.

Status: *Conceptual master plan working on getting additional international funding.*

Role: *project designer working Visualizations and design studies using PBP*

Cost: *\$250 million multi-phased development.*

Collaboration: *Studio 407*

IMPACT: *2 millions sf of which 90% being vacation own and rental properties to serve the growing demand for international vacation ownership pumping tax dollars into the central Florida community.*

Description: *Master planning conceptual design.*

2019-23 to be completed - Research Applied Professional Services: (International) The renowned Magic Kingdom, an international venture by Walt Disney, boasts the esteemed E-Ticket Tron Roller-coaster situated at 1180 Seven Seas Dr, Lake Buena Vista, FL 32830. This roller-coaster represents the first significant addition to Tomorrow Land since the park's inauguration. A similar attraction can be found at Shanghai Disneyland, where it is situated beneath a captivating color-shifting canopy within the Tomorrowland precinct. The forthcoming port of this esteemed attraction at Magic Kingdom will be thoughtfully located in a fresh and distinct area within the northern reaches of Tomorrowland, adjacent to Space Mountain.

Status: *Finishing construction, doing test runs now Opening Spring/Summer 2023.*

Role: *Architect Project Coordinator*

Cost: *\$300 million*

IMPACT *Number of Visitors per year: 20,963,000*

Collaboration: *HHCP, Walt Disney Imagineering*

Description: *Conceptualize, drafted, and coordinated the que layout and interior finishes*

2019 - Research Applied Professional Services: (International) The newly established headquarters of the International Association of Amusement Parks and Attractions (IAAPA) is located at 4155 West Taft Vineland Road, Orlando, FL 32837. This state-of-the-art facility serves as a prominent symbol of the thriving and imaginative amusement industry. Its primary function involves accommodating leading global entertainment enterprises engaged in the conception and innovation of avant-garde technologies within the amusement business sector.

Status: *Built.*

Role: *Lead Project Architect and Designer*

Cost: *\$7 million*

Collaboration: *HHCP, IAAPA*

IMPACT *Number of Visitors per year: 5,000*

Description: *Design, documentation, and managed the 22,000 sqft relocation of the International Association of Amusement Parks and Attractions*

2019 - Research Applied Professional Services: (International) The International Walt Disney's Hollywood Studios Toy Story Land, located in Orlando, Florida, at 351 S Studio Dr, Lake Buena Vista, FL 32830, is a meticulously crafted immersive area that transports guests into the enchanting world of Toy Story. The primary objective of this themed attraction is to evoke the sensation of being reduced to the size of a toy, allowing visitors to interact with Andy's Backyard and his beloved toys.

Achieving this remarkable effect is made possible through the ingenious use of highly immersive theming techniques. The environment is carefully designed with oversized bamboo, which mimics giant blades of grass, encompassing the entire area. This spatial manipulation further enhances the illusion of being in a toy's world.

The landscape is adorned with a plethora of meticulously crafted themed props and characters drawn directly from the iconic Toy Story films. These include impressive renditions of characters such as a towering Buzz Lightyear, an imposing Rex, an oversized paper plane, and a colossal ball from the inaugural Pixar short film.

Through the seamless integration of these thematic elements, International Walt Disney's Hollywood Studios Toy Story Land provides an awe-inspiring and captivating experience that immerses guests in the cherished universe of Toy Story, fostering a sense of wonder and joy that appeals to visitors of all ages.

Status: *Built.*

Role: *Lead Project Architect and Designer*

Cost: *\$1.6 Billion*

Collaboration: *HHCP, Walt Disney Imagineering*

IMPACT *Number of Visitors per year: 11,483,000*

Description: *Lead Project Architect, Designer, documentation, and managed the 250,00 sqft Mania Ride within the Toy Story Land.*

Professional Work: prior to full time teaching at UCF

Sept 2018 – Present - Studio 407 Architects – Project Designer and Architect

- Project Architect on Historic Downtown Plant St project in Winter Garden, FL, Mix-use 3 story 100,000 sf building \$800K, The new building regulated to strict historical district standards. In permitting
- Project Architect on Reliance: Medical Office Building – Designing of 40,000 sqft one stop shop for elderly care providing primary care, dietary, imaging, orthopedics, dentistry, and salon access.(pending funding)
- Project Architect on multiple Historic Commercial buildings: –10,000 sf to 30,000 sf. The Mix-use buildings with food and retail that serve the pedestrian friendly Orlando Mainstreet Districts.
- Project Coordinator on Bella Citta Towers: Multi-towers Vacation Home / mix use – Designing of 2 million sqft of occupiable space phased out over 3 years. The new development will serve the neighboring entertainment district.

Sept 2016 – Sept 2019 -HHCP – Architectural Designer and Project Architect

- Project designer and lead on a new 40K sqft corporate headquarters to IAPPA
- Project designer and project lead for 60k sqft ballroom expansion for Hyatt Grand Cypress Resort
- Served on the BIM and project standards committee.
- Served on the business development team connecting HHCP with professional and local community leaders.
- Lead project coordinator for Walt Disney's Hollywood Studios land expansion as well as CA duties in a IPD contract
- Project Coordinator for interior fit out for new roller coaster in Disney' Magic Kingdom Tomorrowland.
- Functioned as staff recruiter and trainer to the company.

Jun 2011 – Sept 2016 -HuntonBrady – Architectural Designer and Project Architect

- Project lead architect and designer for multiple health care projects across the state of Florida, ranging from tenant infill to \$200 million hospital additions.
- Work directly with users, owners, and state agencies to develop designs to optimize performance.
- Create construction documentation packages for multiple hospital projects of all sizes using Revit software.
- Function as CA for several projects through their completion

Oct 2009 – June 2011 -Jagoe – Architectural Designer

- Headed the Company's transition to BIM documentation using Autodesk Revit, by creating office standards, templates, and libraries for the architecture/drafting department.
- Produced production ready documentation and permitting for home builder in the greater tri-state area.
- Using Revit and Adobe products, upgraded standards for marketing presentations and deliveries.
- Design development on several single family homes, in order to create a more diverse product line.

June 2008 – Oct 2009 - Wimberly Allison Tong and Goo (WATG) –Designer

- Perform architectural drafting and design development in the hospitality, entertainment, and leisure field.
- Mt. Pimard, St. Lucia: Hand drafted and computer rendered concept design for high end villas encompassing half of a dormant volcano site. Plans, sections and elevations for several key buildings in a 5star resort setting. Designed and composed 95 page presentation final concept packages for client.
- Grand Hyatt Na Trang, Vietnam: Computer Drafted and Modeled 3 luxury single family homes and massed-out beach hotel, clubhouse, and amenities. Rendered plans for multiple house options. Worked on graphics and composition of initial and final concept package. Perform research and data compilation of comparable projects and programs.
- National Harbor Washington D.C.: Construction administration duties including responding to RFIs, submittals and logging material changes for a condo mid-rise.
- Samana II Dominican Republic: Massed-out 5 star hotel and ran area calculations for public and back of house spaces
- Maldives Island: Elevation study for a luxury boat storage house in a mixed-use resort for the Crown Prince of Dubai.
- Marriot Biscayne Bay Miami, FL: Completed and inventoried the interior finishing plans for renovation

Oct 2009 – June 2011 - Walt Disney Imagineering (WDI) –Designer

- Celebration West: Completed programming study and master plan for multiple phase mixed-use development. The 600 acre master plan included commercial, retail, residential, and tourist/entertainment land-uses. Developed computer generated visualization exhibits for spatial analysis and executive review. Design constraints included flood plain compensating storage and storm-water retention.
- Fischer Property: A 321 acre parcel for mixed use development. Performed site analysis, site design and programming. Required design for road alignments, property acquisitions and environmental inventory.
- Tokyo Moderate Hotel: Design responsibilities for this 1,000 room hotel included color diagrams of programmed spaces and computer modeling/ renderings. Also digitized topological maps of existing site for terrain model.
- Florida State Golf Association- Site design for a 100 KSF office building within existing area development.
- Celebration Business Corridor- Site design for 350 KSF office park, including retention and parking requirements.
- Boardwalk Wedding Pavilion - Responsible for project area development including guest access and parking.
- Nextel Cell Towers- Developed 66 sq. mile comprehensive cellular tower master plan for Walt Disney World that mitigated visual intrusion within attractions while satisfying the technical requirements of multiple cellular companies.
- Hong Kong Disneyland – Responsible for developing the 3D computer modeling of service buildings integrated into the larger project computer model database utilized by the design team.

COLLABORATIONS / PEER TO PEER PROFESSIONAL COUNSEL

LOCAL:

2022 – 2022 In 2022, the Orange County Planning Department engaged the expertise of distinguished master planners, namely Elizabeth Andrés Duany and Elizabeth Plater-Zyberk, renowned internationally. Their collaboration involved conducting a design charette to evaluate and refine the newly developed zoning code for the Boggy Creek area. This endeavor aimed to comprehensively assess the efficacy and suitability of the zoning regulations and propose potential adjustments to enhance urban planning outcomes in the region.

2021 – The City of Orlando is actively engaged in revitalizing its historic Mainstreet districts under the leadership of Pauline D Eaton, who serves as the Main Street Administrator within the Business Development Division. The primary objective of this endeavor is to restore and enhance these communities' cultural and historical significance. A pivotal aspect of this initiative involves the establishment of pedestrian-friendly environments that exude vibrancy and foster a strong sense of belonging for the local residents. By creating such welcoming spaces, the city aims to provide its community with a place they can proudly call home.

2020 – AIA (American Institute of Architects) AIA Orlando Downtown Studio Collaboration for the region's architecture design schools. Conceptualizing how to build a studio space for classes that can also act as a gallery space for local architecture firms.

2020 - UCF Nicholson School of Communication and Media, Games and Interactive Media program, John Murray Assistant Professor: Augmented Reality Prototyping Visions of Place for Step 3 of 6 in the "Pipeline to Better Placemaking."

2020 - UCF Computer Science School, Mark Heinrich Associate Professor Undergraduate Coordinator for CS and IT & Sr. Design Coordinator: Measuring Place Step 1 of 6 in the "Pipeline to Better Placemaking"

2020 - UCF Computer Science School, Richard Leinecker Lecturer: Social AR (augmented reality) for Step 3 of 6 in the "Pipeline to Better Placemaking."

2020 – UCF professor Ryan McMahan Associate Professor Ph.D., Mix media. Working on the mobile platform to collect data will ultimately yield a survey tool for gathering multiple scales of data sets, which can then be processed into an algorithm to assess a location.

2019 - Orlando Game space, 421 E Robinson St, Orlando, FL 32801, working on the mobile platform for collecting data that will ultimately yield a survey tool for gathering multiple scales of data sets, which can then be processed into an algorithm to assess a location.

2019 – Mentorship: Starting 2+ Community Studios

NATIONAL:

2022 – National Planning, Design and Engineering firm VHB's, Director of Planning & Design Roberta Fennessy. Co-Authored Urban Planning Lecture presented at Florida APA Convention.

INTERNATIONAL:

2022 – International renowned architect Pascale Sablan FAIA, OFA Orlando Foundation of Architecture, Co-produce an architecture night celebrating minorities and diverse design professionals, student scholarship night, and architecture art show at the Dr. Philips Performing Arts Center.

2022-21 – AKULAR International Augmented Reality and Interactive Media firm, Karson Kopecky Assistant Professor: Augmented Reality Prototyping Visions of Place for Step 3 of 6 in the “Pipeline to Better Placemaking.”

2019 - Mariela Alfonzo, Ph.D. of the international company State of Place, to use their digital interface urban planning tools in conjunction with research on defining the quality of existing places.

2019 – Scott Schlimgin, AIA (Academic Initiatives Abroad) in Piazza delle Cinque Scole, 23Rome 00186, Italy, Creating a proposal for travel abroad with UCF Architecture students

CONFERENCE

LOCAL:

2021 - 2022 AIA Orlando Conference & Expo (Local): AIA Orlando Conference & Expo workshops and Networking with Local professionals in the industry

2021 Grant Writing Workshop June (Local): Invited to meet with University of Florida Professor Dr. Ferrarezi

2020 - Workshop (University): NSF Inside Look

2020 - Conference (University): NIH One-Day Virtual Conference

2020 – Town Hall (Local): with Representative Anna Eskamani

2019 - AIA Workshop Housing and Community Development - ACSA/AIA interactive workshop that explored opportunities to expand exchanges between academics, communities, and practitioners to advance the teaching and practice of housing and community development and, ultimately, help build the equitable city.

STATE:

2022 – (State): Accepted to present
American Planning Association APA Florida Conference & Expo Pipeline to Better Placemaking: Using Digital Realities to Observe, Teach & Engage in Creating Place.

NATIONAL:

2022 – (Accepted paper and Presenting) ACSA 111th Annual Meeting | IN COMMONS (National) St. Louis, Missouri. Importance of security of the place. Measuring Existing by Designing tomorrows March 30 - April 1, 2023.

2020 - Conference (attended) Applied, but Covid Canceled the conference
IDA Annual Conference Tampa, Fl. Applied to host and speak in a panel called “Growing

Tomorrow's Designers to create better places” This panel explores the pedagogy developed to introduce 21st-century urban ideas by the design faculty at the University of Central Florida and the University of South Florida School of Architecture and Community Design.

2020 - Workshop (attended): Plaza Talk Race and Place Conference by Placemaking X. Understanding the meaning of the plaza gives us a starting place to unpack the contents of many central ideas and values in Latino urbanism.

2020 - Workshop (attended): Don't Look Back Equity and Recovery in Public Space During COVID-19 Project for Public Spaces, an interdisciplinary panel of experts will discuss equitable development in recovery from the social and economic pandemic. Key discussion topics will include the relationship and reciprocity between private and public space, how different communities experience comfort, perceived safety, and inclusion within the public realm, and priorities and best practices for policy change going forward.

2020 - Workshop (attended): American Institute of Architects Continuing Education

2019 – Conference (Asked to be Juror) Association of Collegiate Schools of Architecture (ACSA) 107th Annual Meeting, BLACK BOX: Articulating Architecture's Core in the Post-Digital Era MARCH 28-30, 2019 | PITTSBURGH, PA

INTERNATIONAL:

2023- Conference: (Accepted to present) 2023EDRA 54 Environment and Health: Global/Local Challenges and Actions Conference. June 20th-23rd, 2023 Mexico City

2022 – Conference: (Applied and missed) International, IDA International Downtown Association 68th annual conference, Vancouver, Sept 2022. The presentation will be on my research Pipeline to Better Placemaking. The event will be in collaboration with UCF's Architecture faculty Matt Johnson. The title will be “Pipeline to Better Placemaking redefining how to Engage a Community the Developing Place.”

2022 – Conference: (Applied should hear back April 2023) The Association of Collegiate Schools of Architecture (ACSA) and the European Association for Architectural Education (EAAE) the third, biennial joint Teachers Conference hosted by the Iceland University of the Arts (IUA). June 22-24, 2023, in Reykjavik, Iceland

2020 - Workshop: (attended) Re-Opening Downtown for Business by The International Downtown Association

2019 – Conference (attended): 3RD Annual International Placemaking Week Chattanooga, TN, Dynamic forum to develop and share concrete strategies to advance placemaking locally and globally.

2019 – Workshop: (attended) Dr. Mariela Alfonzo, CEO/Founder of State of Place, *Toward a global standard of walkability and urban design*, an urban data analytics platform that helps placemakers identify and economically justify optimal urban design, planning, and development projects that create thriving places people love.

Lectures

LOCAL:

2022 – Guest Speaker to the AIAS UCF Chapter – American Institute of Architecture Students. Ask to produce a lecture series on the different career paths of an architect. Collaboration with YAF (Young Architects Forum) and WIA (Women in Architecture)

2021 - Guest Speaker and Hosted viability panel: Orlando Foundation for Architecture “Creative Village / UCF Downtown Phase II”

2020 – Giving Lecture: TEA is an organization for UCF students of all years and majors interested in a career in the themed entertainment industry. Presented lecture “Designing for Disney.”

2020 – Giving Lecture: UCF Artist Panel Discuss the IAAPA new headquarters. The new building represents the whimsical and creative industry. It hosts international entertainment companies developing and brainstorming the latest cutting-edge technology in the business.

2020 – Lecture Curry Ford West presents a visioning master plan of the Orlando main street district. Presented student work to community leaders and city officials.

INTERNATIONAL:

2023 Sept. – I have been invited to facilitate a workshop for a seven-day academic event in Vicenza, Italy, organized in conjunction with the esteemed University of Florida Vicenza Institute of Architecture program. The primary focus of my involvement will be the presentation and dissemination of my groundbreaking research on "Pipeline to Better Placemaking." During the workshop, the participants will engage in a comprehensive cartographic exercise, meticulously mapping the built environment and human behavior of Piazza dei Signori—a notable landmark in Vicenza renowned for its cultural and architectural significance.

2019 – Lecture/critique to the University of Central Florida and University of Florida students studying abroad in Vicenza, Italy, based on my research.

2019 - University of Waterloo in Rome, Italy Gallery Placemaking projects in Rome, “Architecture Archaeology Anastylis” Projects for Parco del Celio, Piazza Sant Apollonia 3 Roma

Funding:

LOCAL:

2022 – UCF Seed Funding Program: (Awarded \$40,000) A collaboration between the Office of Research and the Office of the Provost is aimed at facilitating research that is likely to attract external funding while enhancing the visibility of UCF

A grant application was awarded the objective of developing the fourth mobile prototype of the Pipeline to Better Placemaking, specifically targeting Step 3: Digital Engagement of Place. The

funding sought amounts to \$40,000 from the UCF Seed fund. The project involves collaborating with AKULAR, an internationally renowned Augmented Reality firm. Drawing on the achievements of Prototype 3, developed by the UCF Mixed Reality group, the primary focus of this endeavor lies in optimizing the user interface's efficiency and streamlining various aspects of model processing. These include handling materials, enhancing model qualities, facilitating seamless server uploads, and improving anchoring. Additionally, considerable attention is being devoted to devising methods for analyzing the data collected through user surveys.

LINK: <https://play.google.com/store/apps/details?id=com.AKULAR.ucf>

NATIONAL:

2022 –Graham Foundation: (Applied, missed) Advanced Studies in the Fine Arts fosters the development and exchange of diverse and challenging ideas about architecture and its role in the arts, culture, and society.

Applied for funding to merge Step 1 and 3 into the singular application with Akular development company. The goal was to streamline the process for future management of the Pipeline to Better Placemaking.

2022 –AIA NY Stewardson Keefe LeBrun Travel Grant: (Applied, no-selected) to further the personal and professional development of an architect in early or mid career through travel.

Applied for funding to travel to Vicenza, Italy, with our travel abroad students to use the Pipeline tool in Piazza Dei Signori. Existing partnerships to work with the city will allow me to test the Pipeline to better Placemaking Step 1 – 5 on an international setting. (will seek other funding to execute the project soon)

2021 –National Endowment of the Arts - Our town: (Applied, missed) Our Town is the NEA's creative placemaking grants program. Through project-based funding, the program supports activities that integrate arts, culture, and design into local efforts that strengthen communities..

This National grant assists organizations with the potential of the project activities to advance local economic, physical, or social outcomes desired by the community. We applied to assist our Parramore Main Street collaboration with the City of Orlando. Step 3 of the application for Pipeline to Better Placemaking.. \$75,000

INTERNATIONAL:

2023 Sept. –University of Florida Vicenza Institute of Architecture: (Awarded Room, Board, and Transportation) I have been invited to facilitate a workshop for a seven-day academic event in Vicenza, Italy, organized in conjunction with the esteemed University of Florida Vicenza Institute of Architecture program. The primary focus of my involvement will be the presentation and dissemination of my groundbreaking research on "Pipeline to Better Placemaking." During the workshop, the participants will engage in a comprehensive cartographic exercise, meticulously mapping the built environment and human behavior of Piazza dei Signori—a notable landmark in Vicenza renowned for its cultural and architectural significance.

2022 –JAMES MARSTON FITCH MID-CAREER FELLOWSHIP: (Applied, waiting on results) International considers proposals for the research and/or the execution of preservation-related projects in Europe that will directly contribute to the preservation of historical places in the US.

Applied for funding for travel to test Pipeline to Better Placemaking's Step 1: Measuring Place. The goal is to travel to several of Europe most successful public spaces both old and new, to create a comparative data base for our domestic public places here.

2022 –MICHAEL BRILL RESEARCH GRANT (EDRA): (Applied, waiting on results) international, interdisciplinary organization founded in 1968 by design professionals, social scientists, students, educators, and facility managers. EDRA believe in an agenda of social responsibility that has grown from a barely perceptible idea to a more fully formed vision for healthier, more democratic human environments.

Applied for funding for travel to test Pipeline to Better Placemaking's Step 1: Measuring Place. The goal is to travel to several of Europe most successful public spaces both old and new, to create a comparative data base for our domestic public places here.

Publication:

GENERAL NOTES:

*IAAPA New Headquarters has been published in over **50 international publications** about the new international headquarters. They have over **10,000 unique visitors a year**.*

***Hyatt Regency Grand Cypress new Ballroom.** The new ballroom sees over **130,000 unique visitors a year**.*

***Toy Story Land** grand opening was published in over 200 international publications. It continues to be published, talked about, and visited every day. In its **first year the land was visited and over 11.25 million times**.*

LOCAL:

IAAPA's eye-catching new headquarters includes vision for global visitors
Orlando Sentinel – Sep 26, 2019 <https://www.orlandosentinel.com/travel/attractions/os-et-iaapa-new-headquarters-tour-20190926-yj4wiztbsjco3mkrcfidyuwnqa-story.html>

STATE:

Surprise! Actor Tim Allen aka Buzz Lightyear opens Disney's Toy Story Land
Florida Today – June 29th 2018
<https://www.floridatoday.com/story/entertainment/2018/06/29/disney-toy-story-land-tim-allen/746253002/>

NATIONAL:

New IAAPA headquarters open in Orlando
Blooloop – September 30, 2019

IAAPA celebrates grand opening of new headquarters in Orlando

Park World - September 30th 2019 <https://www.parkworld-online.com/iaapa-celebrates-grand-opening-of-new-headquarters-in-orlando/>

Hyatt Regency Grand Cypress Breaks Ground on New \$32 Million Ballroom and Outdoor Event Space

Business wire - October 18, 2019

<https://www.businesswire.com/news/home/20181018005772/en/Hyatt-Regency-Grand-Cypress-Breaks-Ground-New>

ORLANDO'S HYATT REGENCY GRAND CYPRESS SET TO OPEN WINDSONG BALLROOM THIS FALL

Spike's Peeks: The Art of Travel - February 20, 2019

<https://myspikettravel.com/2019/02/20/orlandos-hyatt-regency-grand-cypress-set-to-open-windsong-ballroom-this-fall/>

Hyatt Regency Grand Cypress begins development on new ballroom

Hotel Management - Oct 23, 2018

<https://www.hotelmanagement.net/development/hyatt-regency-grand-cypress-begins-development-new-ballroom>

HOAR CONSTRUCTION COMPLETES HYATT REGENCY GRAND CYPRESS CONVENTION CENTER EXPANSION

Tilt-up.org - January 28, 2020 <http://tilt-up.org/tilt-uptoday/2020/01/28/hoar-construction-completes-hyatt-regency-grand-cypress-convention-center-expansion/>

2019 Preview: 10 Most Anticipated Orlando/Central Florida Venues for Meetings and Events

BizBash – January 4th 2020 <https://www.bizbash.com/local-venues-destinations/media-gallery/13483246/2019-preview-10-most-anticipated-orlandocentral-florida-venues-for-meetings-and-events>

Andy's backyard comes alive in Disney World's Toy Story Land

USA Today – July 31st 2018

<https://www.usatoday.com/story/travel/experience/america/theme-parks/2018/07/31/disney-worlds-new-toy-story-land-review/866521002/>

Disney just gave us a first look at the new 'Toy Story Land' at night

Business Insider – June 22nd 2018 <https://www.businessinsider.com/disney-toy-story-land-at-night-first-look-2018-6>

How Long People Waited To Get Into Disney World's Toy Story Land

Cinema Blend – July 1st 2018 <https://www.cinemablend.com/news/2443779/how-long-people-waited-to-get-into-disney-worlds-toy-story-land>

Toy Story Land creating some much-needed buzz at Hollywood Studios

Travel Weekly – July 11 2018 <https://www.travelweekly.com/North-America-Travel/Insights/Toy-Story-Land-creating-some-much-needed-buzz-at-Hollywood->

Studios

Everything Pixar at Disney World – Attractions, Shows and Dining Guide

Parksavers.com – May 13 2021 <https://www.parksavers.com/everything-pixar-at-disney-world-attractions-shows-and-dining-guide/>

19 things you probably didn't know about Disney's Hollywood Studios, National, INSIDER News Outlet

Travel Awaits – July 5 2022 <https://www.travelawaits.com/2678807/hollywood-studios-best-things-to-do/>

The Top Picturesque Places for Nighttime Photos at Hollywood Studios, National, theme park news blog

Wdwinfo.com – May 24th, 2022 <https://www.wdwinfo.com/walt-disney-world/the-top-picturesque-places-for-nighttime-photos-at-hollywood-studios/>

INTERNATIONAL:

New IAAPA Global Headquarters

IAAPA Global - August 5, 2019 <https://www.iaapa.org/news/iaapa-press-room/new-iaapa-global-headquarters>

IAAPA CELEBRATES OPENING OF NEW HEADQUARTERS IN ORLANDO

InterPark: (British publication) - October 1st 2019 <https://interpark.co.uk/iaapa-celebrates-opening-of-new-headquarters-in-orlando/>

IAAPA OPENS NEW GLOBAL HEADQUARTERS IN ORLANDO

Australasian Leisure Management - SEPTEMBER 29, 2019
<https://www.ausleisure.com.au/news/iaapa-opens-new-global-headquarters-in-orlando>

Disney Is Spending More on Theme Parks Than It Did on

New York Times – Nov 16th 2018
<https://www.nytimes.com/interactive/2018/11/16/business/media/disney-invests-billions-in-theme-parks.html>

5 Secrets to Getting the Most Out of a Trip to Toy Story Land

Travel + Leisure – July 8th 2018 <https://www.travelandleisure.com/trip-ideas/disney-vacations/toy-story-land-secrets>

To infinity and beyond: Toy Story Land opening at Disney's Orlando studios

Chicago Sun Times – July 2nd 2018
<https://chicago.suntimes.com/2018/7/2/18392752/to-infinity-and-beyond-toy-story-land-opening-at-disney-s-orlando-studios>

Toy Story Land at Disney World is this summer's hottest attraction

Amsterdam News – August 2nd 2018
<http://amsterdamnews.com/news/2018/aug/02/toy-story-land-disney-world-summers-hottest-attrac/>

Larger-than-life charm at Walt Disney World's Toy Story Land

The Washington Post - July 26, 2018

https://www.washingtonpost.com/lifestyle/travel/larger-than-life-charm-at-walt-disney-worlds-toy-story-land/2018/07/25/1fe49e96-8eb2-11e8-bcd5-9d911c784c38_story.html

Toy Story Land mall tour to make stop at Orland Square in Orland Park

Chicago Tribune - June 14, 2018

<https://www.chicagotribune.com/suburbs/daily-southtown/ct-sta-toy-story-orland-park-st-0615-story.html>

Why Disney Is Changing The Toys In Its Play Set

Forbes - Nov 26, 2018 <https://www.forbes.com/sites/csylv/2018/11/26/why-disney-is-changing-the-toys-in-its-play-set/#208225281237>

5 new reasons to visit Disney World, from Toy Story Land to revamped hotels and restaurant openings

Daily News – August 4th 2018 5 new reasons to visit Disney World, from Toy Story Land to revamped hotels and restaurant openings

Here's A Look At Disney World's Toy Story Land

Huffington Post – June 29th 2018 https://www.huffpost.com/entry/toy-story-land-disney-world_n_5b365e7ae4b007aa2f7f994e?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29

[vZ2xILmNvbS8&guce_referrer_sig=AQAAAGwfGw7H5SrvzLVZockSuwsxHhHdZBC0BZ4I1-z8RGPR_myqGE0KDhbR9QqM4LTS3-yMYB0ImKDswPu1LTNKwhBA3JPtcL7IxyHM1Z9uTRqhryfGfjQ8DIjrNrp8oDYrqBedRQ1Max6y9a qN6gdyup7N6F5Ae_2S26ooS_8UG1Xx](https://www.huffpost.com/entry/toy-story-land-disney-world_n_5b365e7ae4b007aa2f7f994e?guccounter=1&guce_referrer=aHR0cHM6Ly93d3cuZ29vZ2xILmNvbS8&guce_referrer_sig=AQAAAGwfGw7H5SrvzLVZockSuwsxHhHdZBC0BZ4I1-z8RGPR_myqGE0KDhbR9QqM4LTS3-yMYB0ImKDswPu1LTNKwhBA3JPtcL7IxyHM1Z9uTRqhryfGfjQ8DIjrNrp8oDYrqBedRQ1Max6y9a qN6gdyup7N6F5Ae_2S26ooS_8UG1Xx)

OTHER PUBLICATION:

Recipients of the 2022 Seed Funding Program Announced

UCF Today – March 10th, 2022 <https://www.ucf.edu/news/recipients-of-the-2022-seed-funding-program-announced/>

Other

2020 - Assisted in constructing: New Home - 2002 Crescent Blvd Orlando, FL 32817

2020 - Assisted in Constructing: Adding residential addition - 2121 Croat St Mt Dora, FL 32757

III. TEACHING

COURSES TAUGHT:

- UCF: Arc 33211-0050 Architectural Design 6 (Laboratory)
- UCF: Arc 3463-0050 Materials & Methods Construction 2 (Lecture)
- UCF: Arc 3610-0050 Environmental Technology 1 (Lecture)
- UCF: Arc 4903h-0200 Honors Directed Reading I (Independent Study)
 - 2020 Natalie Verdiguél, Undergraduate Research Project Human Behavior in the Built Environment
 - 2021 Isabella Wilhelm, Undergraduate Research Project Measuring Security in the Built Environment and its Importance to Placemaking
 - 2023 Sarah Potier, Undergraduate Research Project. Understanding passive architecture in varying climates. Environmental science
- UCF: Arc 3503-0050 Architectural Structures (converted completely online 2020)
- UCF: Arc 43221-0050 Architectural Design 7 (Laboratory)
- UCF: Arc 4620-0050 Environmental Technology 2 (Lecture)
- UCF: Arc 3905-0050 Directed Independent Study (Independent Study)
 - 2019 fall: UCF Performance Hall Study 8 Students
 - 2021 spring: 4 students Installations in downtown Orlando
 - 2021 fall: 10 students Collaboration with Orlando Parramore Mainstreet
 - 2022 spring: 4 students test driving the “Pipeline to Better Placemaking”
- VC: EN Advanced Rapid Prototyping
- VC: EN Intro to 3D Printing
- VC: EN Materials and Methods
- VC: Intro to BIM Documentation – Revit
- VC: Advanced BIM Documentation - Revit

SPECIALTY LECTURES :

2022 –level, Juror member for engineering thesis students.

2022 - 2019 Spring Co – written Lecture with SMI Cabinetry Rob Hull, *The Process: Custom casework and finishes*”, 2715 N Orange Blossom Trail, Orlando, FL 32804

2022 - 2019 Spring Co – written lecture with Peninsula Engineering, Kyle Z. Inge P.E., Mechanical Design in Architecture, 2016 Alden Road Orlando, FL

2021 – Invited to panelist discussion, “*UCF Downtown Phase II – Creative Village’s gateway to Parramore*”, Orlando Foundation for Architecture (OFA) Orlando, FL, Only invite 2 presentations a year are selected for Lecture series to present on the topic of Central Florida, Local

2021 – Presented Research, “*Pipeline to Better Placemaking*” *Step 1: Measuring Place*, International firm Gehl Architects specializing in Place. 1620 Copenhagen V Denmark, (Zoom), April 2021, nonrefereed; International

2021 – Guest Lecture, “*One Entertainment Designer’s Path*”, The Themed Entertainment Association (TEA) Central Florida Chapter, Orlando, FL, January 2021, Non-refereed

2020 – Co-Organized with AIA - Architecture Keynote lecture at Celebrates the Arts BIG Architects / Brooks and Scarpa (Covid Cancel)

2020 – Fall Co – Written Lecture with Joel Figueroa Vallines, PE, SI, F.ASCE Structural Engineering Partnership “*Forensic structural analysis in architecture*”_7680 Universal Blvd, Orlando, FL 32819

2020 – Spring Co – written lecture with Terry Bell IALD CTG Lighting Design Studio “*Lighting your designs*” 110 Sligh Blvd, Orlando, FL 32806

2020 – January 9th Co – written lecture with Mainstreet District director Alexis M. Sammons, , “*What is Mainstreet District Curry Ford West?*” 1817 S Fern creek Ave, Orlando, FL 32806

2019 – 2020 Spring Co – written lecture with Peninsula Engineering, Kyle Z. Inge P.E., *Mechanical Design in Architecture*, 2016 Alden Road Orlando, FL

2018 – August 22nd – Co – written lecture with Victoria Lowe ART x STEM Initiatives, Florida Polytechnic University Department of Humanities, Arts, and Social Sciences, “*Digital technologies in Architecture*”, 4700 Research Way Lakeland, FL 33805

2018 - October 28th – Co – Critique with UCF President Dale Whittaker in Environmental Technology 2 course, “*Passive Architecture*” Midterms

LEAD WORKSHOPS AND GALLERIES:

2022 – 2018: Annual Building Portfolios, Lead Students in annual workshop helping them prepare their work for Graduate school applications or Architectural internships

2022 – 2019: “Internship Strategies”, Lead Students in annual workshop helping them strategies architectural internship search

2020 May 7th – Co-Organized – YAF (young architect forum) lecture series Introduce students to different roles of architects

2020 Gallery (Local): Faculty Gallery Show: Built work - IAAPA new headquarters

2020 February 27th – Co-wrote lecture with Walt Disney Studio’s Teresa Szakos “*Foundations for career growth*”

2020 Spring – Organized Showcase: Junior Design 6 Studio with City of Orlando’s Curry ford West Mainstreet District

2020 Fall – Organized Showcase: Senior Design Studio with Creative Village and UCF Downtown Phase II

Semi Annual – Organized Midterm and Final Juries with design professionals from all over the

country. Students are expected to present quality work while providing opportunities to network for future career opportunities.

2020 – Co-Organized and Hosted (international) Italian Professor and guest Lecture from Vicenza Italy “*The Italian Way*” (Covid Canceled)

2020 April – Co-Organized Celebrate the Arts Dr Philips Performing Arts Center, 2 week long exhibit showing off UCF student work in downtown Orlando (Covid Canceled)

2020 October 15th Co-Organized – Black Architects in the Making Lecture. Introduce students to entice, excite, and encourage the younger generation of color, and those who identify as such, to pursue a career in architecture or its respective equals within the same realm.

2020 November 19th Co-Organized CityLab. Introduce the seniors to Orlando’s own architectural graduate school in downtown.

2020 Attended – UCF SVAD Mix Media workshop with faulty outline best strategies for teaching online in design school

2020 Completed - UCF Panopto Essentials Workshop for videos recording, editing, and publishing for online learning

2020 Completed – UCF Honors Undergraduate Research workshop to help Thesis Chairs better serve their students.

2020 Completed – UCF IDL 6543 Online teaching coarse qualifying full online (W) mode teaching permissions for future classes.

2020 Attended – UCF Research Intensive Course poster showcase for undergraduate research honors students

LEAD AND CO-LEAD TOURS:

2022 - June 27th *Construction Tour* Advent health Orlando Innovation Tower, 265 E Rollins St, Orlando, FL 32804, Orlando, FL

2022 – June Multiple firm tours for students through out downtown Orlando. HKS, Baker Barrios, Dwell Studios

2019 – April 11th Tour of SMI Cabinetry with Rob Hull, *Step by step construction tutorial of casework in healthcare*, 2715 N Orange Blossom Trail, Orlando, FL 32804

2019 – September 10th Lecture and Tour of Disney Springs, “Understanding Place in an Entertainment District”, 1486 Buena Vista Dr, Lake Buena Vista, FL 32830

2019 – December 10th – Tour of Orlando International Airport construction, “*South Terminal Complex*”, 1 Jeff Fuqua Blvd, Orlando, FL 32827

2019 – April 15th - Tour of Dr. Philips Performing Arts Phase 2 Construction project, “*PHASE 2: STEINMETZ HALL & THE GREEN ROOM*”, 445 S Magnolia Ave, Orlando, FL 32801

2018 - November 29 & 2019 - November 5th – Tour of Finfrock Precast Construction and Design, “*Understanding the Design Build Process*” 2400 Apopka Blvd, Apopka, FL 32703

2018 – November 6th – Tour construction SunTrust Tower with HuntonBrady architects, “Orlando’s new modern tower”, 225 S Garland Ave, Orlando, FL 32801

FUNDING Move up to Funding cat:

2023 – Title: Architecture Output Lab Phase 2
Contract Agency: University of Central Florida Tech Fee
\$57,614.32 **Awarded**

Role: PI

Description: the goal of this project start phase 2 on the upgrades to the UCF Architecture Output lab with Laser Cutters, support printers and upgrades Studio furniture, and interactive display monitors.

2020 – Title: Architecture Output Lab
Contract Agency: University of Central Florida Tech Fee
\$66,000 **Awarded.**

Role: PI

Description: the goal of this project start phase 1 on the upgrades to the UCF Architecture Output lab with 6 3D printers, support computers and upgrades to the computer lab graphics cards and power supplies

IV. Service:

PROFESSIONAL - ARCHITECTURE:

LOCAL:

2020 – Present: AIA Central Florida Nominated to Co-lead the Office Relocation Committee. Response for developing and guiding the Principal Objectives for the new office for the next 15 years. Meet with City members and real estate brokers to develop collaborations with others professional organizations including possible downtown design studio for the 2 + 2 + 2 architecture undergraduate and graduate programs.

2020 – Present: AIA Central Florida Nominated to Co-Lead the AIA Academical Alliance Committee. The Committee's main objective is to strengthen the bonds between different architectural schools in the state of Florida with the hundreds of architectural firms in the American Institute of Architects.

2020 – Present: OFA (Orlando Foundation for Architecture) Scholarship committee, responsible for giving scholarships to design students in the local high school, college and university community.

2020 – Present: UCF Public Art Committee (CAH) - This focus of increasing and improving the art representation on main campus, UCF Downtown and College of Medicine in Lake Nona are all priorities to provide a consistent brand for the physical spaces that make up UCF.

2019 – Present: AIA Public Outreach Group, Represents the interest of architecture in our communities through media relations with the opportunity for local media to promote architecture and design

2019 - Mayor Denning's low-incoming housing initiative, Task Force prioritizing short and long-term solutions to address the affordable housing crisis in Orange County.

2019 – Present: Orlando Mainstreet Program CFW - Economic Vitality Committee, revitalize commercial district through preservation-based economic development and community revitalization

STATE:

2022 – Present: AIA Florida AIA (American Institute of Architects): Member. The premier association for professional architects in the state of Florida.

NATIONAL:

2022 – Present: AIA National (American Institute of Architects): Member. The premier association for professional architects in the country.

2022 – Ask to be part of Peer-to-Peer review board

ACSA 111th Annual Meeting | IN COMMONS (National) St. Louis, Missouri. Importance of security of place. Measuring Existing by Designing tomorrows March 30 - April 1, 2023

2019 - ACSA 108th ACSA Annual conference "OPEN" Review panel for submissions at annual conference in San Diego, CA

UNIVERSITY - UCF:

2019 – Present: UCF Habitat for Humanity’s Faculty Chair – Bringing just under 100 UCF students together to build homes, communities, and hope for the underprivileged in the Central Florida area.

COLLEGE - CAH:

2019 – Present: Masters of Theme Design discussion group. Working to provided SVAD courses to the current (MFA) – Theatre Themed Experience degree.

2019 - UCF Performing Arts Center Design group, working to program and conceptualize the Phase 2 addition to CAH’s Theater and Music department.

2018 – Present: UCF Guest Juror for the classes:

- 2022 Midterms: Architecture Design Studios 7 Compton
- 2022 Finals: Architecture Design Studios 7 Compton
- 2022 Finals: Architecture Digital Media 2 Johnson
- 2020 Midterms: Architecture Design Studios 7 Compton
- 2020 Finals: Architecture Design Studios 7 Compton
- 2020 Finals: Architecture Digital Media 2 Johnson
- 2019 Midterm Architecture Design Studios 6 Watters
- 2019 Finals: Architecture Design Studios 6 Watters
- 2018 Finals: Architecture Design Studio 6 Johnson

DEPARTMENT - ARCHITECTURE:

2021 – Present ARCH Knight Design Camp - Knights Design is a two-week day camp hosted by UCF’s Bachelor of Design in Architecture program for rising high school juniors (students between their junior and senior years) interested in pursuing architecture and design as a field of study

2019 – Present: SVAD Scholarship Committee review submissions to various scholarships and grants within the School of Visual Arts and Design

2019 – Present: SVAD Celebrates the Arts Committee – Putting together the fifth annual UCF Celebrates the Arts showcasing performers, creative minds and artists from across UCF. The festival runs April 5-14 and includes a Tony Award-winning musical, ensemble and chamber concerts, art exhibitions, opera, and events

2019 – 2020: SVAD partnership Committee connected connecting and celebrating UCF’s relationships with industry

2018 – 2019 ARCH Search Committee Architecture Faculty - Marketing & Diversity Advocate, Search for new Tenure Track Assistant Architecture Professor

2019 – Present: ARCH Architecture Marketing Committee, working to keep UCF Architecture's Social media present up to date

2019 – Present: ARCH Foundations Curriculum review and implementation Committee, Refocusing the vision of UCF Architecture Department to compete with other Universities

2019 – Present: ARCH Pin-Up Review Committee, evaluating and selecting from presentation based application into the UCF Architecture program.

Other:

2018 – Present: Valencia College Architectural guest juror for the classes:

- 2022 Midterms: Architecture Design Studios D3 Treadway
- 2022 Finals: Architecture Design Studios D3 Treadway
- 2022 Midterms: Architecture Design Studios D4 Compton
- 2022 Finals: Architecture Design Studios D4 Compton
- 2021 Midterms: Architecture Design Studios d3 Samali
- 2021 Finals: Architecture Design Studios 7 Samali
- 2021 Midterms: Architecture Design Studios D3 Treadway
- 2020 Finals: Architecture Design Studios D3 Treadway
- 2020 Midterms: Architecture Design Studios D4 Compton
- 2020 Finals: Architecture Design Studios D4 Compton
- 2020 Midterms: Architecture Design Studios D2 Watters
- 2020 Finals: Architecture Design Studios D2 Watters
- 2019 Midterms: Architecture Design Studios D3 Treadway
- 2019 Finals: Architecture Design Studios D3 Treadway
- 2018 Midterms: Architecture Design Studios D2 Watters
- 2018 Finals: Architecture Design Studios D2 Watters

2019 - Mayor Denning's low-incoming housing initiative, Task Force prioritizing short and long-term solutions to address the affordable housing crisis in Orange County.

2020 – Workshop: Co-Organized session to Unite the 2+2+2 Architecture schools. Valencia, UCF and UF. I would latter be restructure into a collaboration with the AIA Academical Alliance Committee serving high school through university students.

2020 – Thesis Review: Teresa Lu – Washington University in St. Louis

2020 – Thesis Review: Vasilios Vitas – Boston University

2018 – present: Alumni Mentorships: I continue to provide One on one mentorships for past UCF students. The focus is for the most part around graduate school applications and Job placements. Being strong member of the AIA as turn me into a conduit for firms looking for new talents. Win Win