

ERIC PETERSON, Ph.D.
ASSOCIATE PROFESSOR

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EDUCATION

PhD Architecture & Design
MArch Architecture Professional
BA Sociology & Anthropology

[Università degli Studi di Genova](#) (UniGE)
[University of Florida](#) (UF)
[Middlebury College](#)

ACADEMIC EXPERIENCE

Associate Professor
Teaching Professor
Fabrication Lab Manager
Master Teacher & Design Arts Coordinator
Teaching Assistant & Visiting Critic
Graduate Teaching Assistant

University of Hawai'i at Mānoa (UHM) School of Architecture
Florida International University (FIU) Architecture Department
FIU School of Architecture
National YoungArts Foundation
UniGE Dipartimento di Architettura e Design
UF School of Architecture

PROFESSIONAL EXPERIENCE

Architecture Intern

Construction Supervisor

Carpenter & Foreman

Apprentice Joints & Carpenter

Touzet Studio Design & Architecture: Miami, FL
Carlos Palmer Architecture: Miami, FL
Beilinson Gomez Architects: Miami, FL
Andreoni & Stanton Construction: Oakland, CA
AMRU / VLAN Construction: Moscow, RU
Deluxe Building Systems: Berwick, PA
DeSmidt Design/Build: Berkeley, CA
Goode & Becker Design/Build: New York, NY
Rosinka Joint Venture: Moscow, RU
Ferrell and Company Joints: Pownal, ME

AWARDS & AFFILIATIONS

2026 Timber Design Faculty Dev. Wksp.
2025 Research Assistantship Award
2025 Faculty Travel Award
2022–26 Sigma Xi
2022 Service Award
2020–23 Associate Director of Programming
2019 Top Scholar Award
2018 Open Studio Residency
2016 Open Studio Residency
2009 Excellence in Teaching Award

Auburn University Mass Timber Collaborative
UHM SoA Office of the Dean
UHM Office of Vice Provost for Research & Scholarship
ΣX Scientific Research Honor Society
FIU College of Communication, Architecture & The Arts
FIU Robotics and Digital Fabrication Lab
FIU Office of the Provost
Bauhaus Dessau Foundation
Bauhaus Dessau Foundation
FIU School of Architecture

ACADEMIC POSITION

UHM SCHOOL OF ARCHITECTURE

2026– *Associate Professor*
 2023–26 *Assistant Professor*

LEADERSHIP & SERVICE

University

Senator
Secretary
Committee Member

Mānoa Faculty Senate
 Committee on Faculty Service
 ISR Sustainability Curriculum Committee
 Hawaiian Place of Learning Strategic Planning Committee

School of Architecture

Chair
Vice Chair
Alternate Officer
Coordinator

Project Coordinator
Interim Lab Manager
Committee Chair
Committee Member

Architecture Faculty Senate
 Architecture Faculty Senate
 Architecture Faculty Senate
 2nd-year Studio
 NAHB Student Organization
 Bowers & Kubota Foundation with B. Parker
 Fabrication Lab
 Shen Gallery
 Faculty / Staff Search
 NAAB Committee
 Curriculum Committee
 Lectures Committee
 Scholarship Committee
 Recruitment & Promotional Materials Committee

MENTORSHIP

Faculty Advisor
Advisor, Chair, Committee Member

Teaching Mentorship

Creative Practice

National Association of Home Builders Student Chapter
 NSF Grant-funded Projects
 SoA Doctoral Thesis Advisor
 CECE MS Thesis Advisor
 2nd Year Design Studios
 Materials and Methods of Construction
 UH Community Design Center Projects
 Shen Gallery

COURSES

2027
 2024–26
 2023–26
 2024–26
 2023/24/27
 2025–26

ARCH102 Design Fundamentals Studio II
 ARCH 200 Collaboration in Environmental Design
 ARCH 201 Beginning Design Studio I
 ARCH 202 Beginning Design Studio II
 ARCH 490 Fabrication Elective
 ARCH 781 Adv. Research Methods & Design Inquiry

RESEARCH STATISTICS

2026	Pending Awards Currently in Review	\$670,000
2024–26	Applications since joining UHM	\$2,071,000
2024–26	Awards since joining UHM	\$840,000 – 41% Funding Success Rate
2012–26	Total Grant Solicitations	\$5,400,000
2012–26	Total Awards	\$1,725,000 – 32% Funding Success Rate
2015–26	Externally Funded Small Projects	\$175,000

GRANT-FUNDED PROJECTS & APPLICATIONS

2026	NSF-IUSE	<i>In Review</i>	\$400,000	NSF
	<i>Augmented Learning with Expert Feedback (ALEX) for Structural Design</i>			
	CoPI, Curriculum Developer, Grant Writer.			
	Team: PI C. Cho (CECE), CoPIs H-J. Park (SoA), Z. Haopeng (ICS) & D. Hoffman (LTEC).			
2025	NSF-IUSE		\$400,000	NSF #2519207
	<i>Spatial Augmented Reality for Collaborative Learning (SpARC)</i>			
	PI, Curriculum Developer, Learning Evaluation Specialist, Lead Grant Writer.			
	Team: CoPIs N. Kirshenbaum (ICS) & Y. Ishida (SoA).			
2025	NHE-HELP		\$40,000	2026 NHE-HELP GRANT
	National Housing Endowment: <i>Homebuilding Education Leadership Program</i>			
	CoPI, Design/Build Curriculum Developer, Grant Writer.			
	Team: PI V. Dharmapalan (CECE) and CoPI K. Sierralta (SoA).			
2023	NSF-IUSE		\$400,000	NSF #2351647
	<i>Augmented Learning for Environmental Robotics Technologies (ALERT)</i>			
	Co-PI, Curriculum Developer, Grant Writer.			
2022	NSF-RETTL		\$750,000	NSF #2202610
	<i>Intelligent Immersive Environments for Learning Robotics Operations</i>			
	Senior Personnel, Curriculum Developer, Grant Writer.			
2020	NSF-RAPID		\$160,000	NSF #2029557
	<i>A Platform for Mitigating the Effects of COVID-19 on the Healthcare System</i>			
	Senior Personnel, UI / UX Developer.			
2019	NSF C-ACCEL		\$975,000	NSF #1937019
	<i>Preparing the Future AEC Workforce for Automation and Robotic Processes</i>			
	Senior Personnel, Curriculum Developer.			
2018	DAAD		€10,000	DAAD Travel Grant
	Deutscher Akademischer Austausch Dienst: <i>Bauhaus Workshop Travel / Study Germany</i>			
	PI, Program Director, Grant Writer.			
2012	A.W. Mellon Foundation		\$2,000	Wolfsonian Infusion Grant
	<i>Furniture Design Curriculum Enrichment Grant</i>			
	PI, Curriculum Developer, Grant Writer.			
2011	US Department of Energy		\$150,000	Solar Decathlon
	<i>PerFORM[D]ance: National Design / Build Competition</i>			
	Senior Personnel, Interior Construction Team Leader.			

EXTERNALLY FUNDED PROJECTS

- 2026–27 Department of Hawaiian Homelands *Project Pending*
Design / Build research aimed at addressing the housing shortage in Hawai'i.
CoPI, Construction; with PI Prof. Ho Kyung Lee, Design.
- 2026 Bowers & Kubota Foundation \$10,000 *Project Pending*
Interdisciplinary programming supporting UHM students in Architecture; Civil, Environmental & Construction Engineering; and Department of Urban & Regional Planning.
- 2024–25 Mental Health Kōkua \$13,000 [Pūnāwai Rest Station](#)
Furniture design/build project supported one Research Assistant.
PI, Designer, Fabricator with Research Assistant K. Tennal.
- 2022 FIU CREST \$25,000 [RDF Lab](#)
Aquarius Reef Lab Model: Model of the Aquarius Reef Underwater Laboratory.
PI, Coordinator with RDF Lab staff.
- 2022 FIU in Washington D.C. \$25,000 [RDF Lab](#)
FIU Heritage Exhibition Models: Models of FIU campus buildings and research projects.
PI, Coordinator with RDF Lab staff.
- 2022 Aryaman Builders \$15,000 [FIU by Design](#)
Knuk Accessory Dwelling Unit: Sponsored studio and ADU Design Competition.
PI, Studio Instructor with M. Marine.
- 2016–17 Miami Children's Museum \$50,000 [FIU by Design](#)
See Water Rising Exhibition: Exhibition design about sea level rise for young children.
PI, Designer, Coordinator with M. Marine and the FIU School of Education.
- 2016 Shulman + Associates \$5,000 [FIU by Design](#)
Historic Betsy Hotel Model: Model developed for Betsy Hotel Renovation.
PI, Designer, Fabricator, Coordinator with M. Marine and FIU Fabrication Lab Staff.
- 2015 Mayor of the City of Miami Beach \$7,000 [FIU by Design](#)
MBCC Architectural Model: Model of Miami Beach Convention Center proposal.
PI, Coordinator with M. Marine and FIU Fabrication Lab Staff.
- 2015 Whole Foods Market \$7,500 [FIU by Design](#)
Recycled Shipping Pallet Furniture: Furniture Design and Fabrication
PI, Designer, Fabricator with FIU Fabrication Lab Staff.

PUBLICATIONS

BOOK CHAPTERS

- 2024 Vassigh, S., Bogosian, B., **Peterson, E.** (2024). Performance-Driven VR Learning for Robotics. In: Yan, C., Chai, H., Sun, T., Yuan, P.F. (eds) *Phygital Intelligence*. CDRF 2023. Computational Design & Robotic Fabrication. Springer, Singapore. https://doi.org/10.1007/978-981-99-8405-3_30
- 2024 **Peterson, E.**, Kaur, B. (2024). Printing Compound-Curved Sandwich Structures with Robotic Multi-Bias Additive Manufacturing. In: Yan, C., Chai, H., Sun, T., Yuan, P.F. (eds) *Phygital Intelligence*. CDRF 2023. Computational Design & Robotic Fabrication. Springer, Singapore. https://doi.org/10.1007/978-981-99-8405-3_44

- 2023 Vassigh, S., Corrigan, S., Bogosian, B., **Peterson, E.** (2023). Adaptive Immersive Learning Environments for Teaching Industrial Robotics. In: Tareq Ahram and Waldemar Karwowski (eds) Emerging Technologies and Future of Work. AHFE (2023) International Conference. AHFE Open Access, vol 117. AHFE International, USA <http://doi.org/10.54941/ahfe1004411>
- 2023 Bogosian, B., Vassigh, S., **Peterson, E.** (2023). Augmented Learning for Environmental Robotics Technologies (ALERT). In: Tareq Ahram and Waldemar Karwowski (eds) Emerging Technologies and Future of Work. AHFE (2023) International Conference. AHFE Open Access, vol 117. AHFE International, USA. <http://doi.org/10.54941/ahfe1004407>
- 2022 **Peterson, E.**, Bogosian, B., Vassigh, S. (2022). Evaluating an Immersive Learning Environment for Robotics Training. In: Salman Nazir (eds) Training, Education, and Learning Sciences. AHFE (2022) International Conference. AHFE Open Access, vol 59. AHFE International, USA. <http://doi.org/10.54941/ahfe1002400>
- 2021 **Peterson, E.**, Bogosian, B., Tubella, J., Vassigh, S. (2021). Teaching Robotics with Virtual Reality: Developing Curriculum for the 21st Century Workforce. In: Nazir, S., Ahram, T.Z., Karwowski, W. (eds) Advances in Human Factors in Training, Education, and Learning Sciences. AHFE 2021. Lecture Notes in Networks and Systems, vol 269. Springer, Cham. https://doi.org/10.1007/978-3-030-80000-0_2
- 2021 **Peterson, E.** (2021). Technical Challenges to Adopting Large Scale Additive Manufacturing for the Production of Yacht Hulls. In: Karwowski, W., Ahram, T., Etinger, D., Tanković, N., Taiar, R. (eds) Human Systems Engineering and Design III. IHSED 2020. Advances in Intelligent Systems and Computing, vol 1269. Springer, Cham. https://doi.org/10.1007/978-3-030-58282-1_3
- 2020 Musio-Sale, M., Nazzaro, P., **Peterson, E.** (2020). Visions, Concepts, and Applications in Additive Manufacturing for Yacht Design. In: Di Nicolantonio, M., Rossi, E., Alexander, T. (eds) Advances in Additive Manufacturing, Modeling Systems and 3D Prototyping. AHFE 2019. Advances in Intelligent Systems and Computing, vol 975. Springer, Cham. https://doi.org/10.1007/978-3-030-20216-3_37

JOURNAL ARTICLES

- 2022 **Peterson, E.** (2022). Recent Innovations in Additive Manufacturing for Marine Vessels. Maritime Technology and Research. 4(4), 257491. <https://doi.org/10.33175/mtr.2022.257491>
- 2021 Vassigh, S., **Peterson, E.**, Bogosian, B., and Tubella, J. (2021) The Robotics Academy: An Immersive Learning Game for Training Industrial Roboticists. Building Technology Educator's Society: Vol. 2021, Article 4. <https://doi.org/10.7275/yax0-5z24>

CONFERENCE PAPERS

- 2026 Friedman, L., Ishida, Y., **Peterson, E.**, Kirshenbaum, N., Cole, Z. (2026). Teaching Statics through Movement: Using Augmented Reality to Intuitively Teach Force Equilibrium. In *2026 International Association for Shell and Spatial Structures Symposium (IASS-IWSS)*, Turin, Italy. *Accepted*.
- 2026 Cole, Z., Kirshenbaum, N., **Peterson, E.**, Ishida, Y., Friedman, L. (2026). Integrating an AI Voice Assistant into a Spatial Augmented Reality Learning Environment for Teaching Structural Design. In *2026 8th International Workshop on Artificial Intelligence and Education (WAIE)*, Sapporo, Japan, pp. 1-10. *Accepted*.
- 2026 Bogosian, B., **Peterson, E.**, Vassigh, S. (2026). Augmented Learning as a Primary Pedagogical Interface for Environmental Robotics. In *2026 IEEE International Conference on Intelligent Reality (ICIR)*, Pisa, Italy, pp. 1-10. *In Press*.

- 2026 **Peterson, E.**, Ishida, Y., Kirshenbaum, N. (2026). Spatial Augmented Reality for Collaborative Learning. In *2026 IEEE Engineering Education World Conference (EDUNINE)*, Mexico City, Mexico, pp. 1-5. <https://doi.org/10.1109/EDUNINE62390.2026.11547137>
- 2025 **Peterson, E.**, Bogosian, B., Vassigh, S. (2025). Towards a New Robotics Training Model: Improving Access and Representation for Minority Architecture Students. In *Proc. 113th ACSA Annual Meeting* (pp. 513-521). <https://doi.org/10.35483/ACSA.AM.113.65>
- 2025 Bogosian, B., **Peterson, E.**, Vassigh, S. (2025). Creating a More Inclusive and Adaptive Robotics Training with Immersive Technologies and Artificial Intelligence. In *New Schools of Thought*, Marey, A. (ed.), Architecture, Media, Politics, & Society Conf. Proc. 42.1, pp. 22-33. <https://par.nsf.gov/biblio/10589994>
- 2025 **Peterson, E.**, Bogosian, B., Vassigh, S. Murad-Reis, G., Polyzou, A., Narula, B. K. (2025). Work in Progress: Developing an AI-Enhanced Immersive Curriculum for Environmental Robotics. In *2025 IEEE Engineering Education World Conference (EDUNINE)*, Montevideo, Uruguay, pp. 1-4. <https://doi.org/10.1109/EDUNINE62377.2025.10981342>

DOCTORAL DISSERTATION

- 2022 **Peterson, E.** (2022). Additive Manufacturing for Nautical Design: An Automated Approach to Marine Manufacturing. https://unige.iris.cineca.it/bitstream/11567/1101013/2/phdunige_4605384.pdf

MONOGRAPHS & WEBSITES

- 2026 **Peterson, E.**, McLean, B., Zhou, J., Zhao, L. (2026). *2nd Year Studios*. University of Hawai'i at Mānoa School of Architecture. *Pending*.
- 2024 **Peterson, E.**, Gutierrez, C., Malmierca, C. (2023). *Green City*. Florida International University School of Architecture. <https://peterson-eric.com/aig-2023>
- 2023 **Peterson, E.** & Gutierrez, C. (2023). *2023 FIU Architecture in Genoa* (website). Florida International University School of Architecture. <https://fiugenoa2023.com>
- 2022 Pappano D. & **Peterson, E.** (2022). *FIU+BAUHAUS Workshop* (website). Florida International University College of Communication, Architecture, & the Arts. <https://fiubauhausworkshop.wordpress.com>
- 2019 **Peterson, E.** & Pappano, D. (2019). *Bauhaus 100: Workshop*. Florida International University College of Communication, Architecture, & the Arts. <https://peterson-eric.com/bauhaus>
- 2018 **Peterson, E.** & Carr, C. (2018). *2023 FIU Architecture + Landscape Architecture in Genoa* (website). Florida International University School of Architecture. <https://fiugenoa2018.wordpress.com>
- 2018 **Peterson, E.** & Francis, E. (2018). *Gateway City*. Florida International University School of Architecture. <https://peterson-eric.com/aig-2018>
- 2016 **Peterson, E.** & Francis, E. (2016). *Post-Industrial*. Florida International University Department of Architecture. <https://peterson-eric.com/aig-2016>
- 2016 **Peterson, E.** & Raucci, R. (2016). *2016 FIU Architecture in Genoa* (website). Florida International University Department of Architecture. <https://fiuarchgenoa.wordpress.com>
- 2015 **Peterson, E.** & Francis, E. (2015). *Section City*. Florida International University Department of Architecture. <https://peterson-eric.com/aig-2015>

PUBLICITY

- 2025 University of Hawai'i News (Sept. 16, 2025). *\$400K to Transform Design Education with Augmented Reality*. <https://www.hawaii.edu/news/2025/09/16/design-education-augmented-reality>
- 2025 archawaii (Aug. 28, 2025). *Assistant Professor Eric Peterson has been making a real difference in our community*. <https://www.instagram.com/p/DN6u1Z1EtVo/?hl=en>
- 2025 archawaii (Aug. 27, 2025). *Inaugural SoA Graduate Assistant for Architectural Research Tiana Nicole Mangrobang will work with Assistant Professors Eric Peterson and Yasushi Ishida on NSF-funded research*. https://www.instagram.com/p/DN4RbjHD2zj/?hl=en&img_index=1
- 2025 SoA News (June 27, 2025). *Peterson Connects Classroom & World*. <http://www.arch.hawaii.edu/2025/06/peterson-connects-classroom-world>

LECTURES & PRESENTATIONS

- 2026 *AI for Immersive Learning* Sapporo, Japan (Fall 2026)
2026 WAIE 8th International Workshop on Artificial Intelligence and Education.
- 2026 *Professional Practice Options* American Institute of Architecture Students Hawai'i
Panel discussion moderator: Professional Practice in Architecture and Landscape Architecture.
- 2026 *Spatial AR for Collaborative Learning* Mexico City, Mexico
2026 IEEE World Engineering Education Conference.
- 2025 *Towards a New Robotics Training* New Orleans, LA
2025 Association of Collegiate Schools of Architecture Annual Meeting.
- 2025 *Work in Progress: Env. Robotics* Montevideo, Uruguay
2025 IEEE World Engineering Education Conference.
- 2023 *Augmented Learning for Robotics* Honolulu, HI
2023 International Conference on Applied Human Factors and Ergonomics.
- 2023 *Multi-Bias AM Sandwich Structures* Digital Futures (virtual)
2023 Conference on Computational Design and Robotic Fabrication, w/ B. Kaur.
- 2022 *Microhousing* Miami, FL
FIU SOA Floating House Competition lecture, with M. Ertorteguy and J. Kneski.
- 2022 *Evaluating ILE for Robotics Training* New York, NY
2022 Conference on Applied Human Factors and Ergonomics.
- 2021 *Teaching Robotics w/ Virtual Reality* New York, NY
2021 International Conference on Applied Human Factors and Ergonomics.
- 2020 *LSAM Challenges for Marine Const.* Juraj Dobrila University of Pula, Croatia
2020 Conference of Human Systems Engineering and Design.
- 2019 *What is FIU+Bauhaus Workshop?* Miami Beach Urban Studio, FL
Lecture and panelist for FIU | Bauhaus: A Collaboration, 2019 Centennial.
- 2019 *AM for Yacht Design & Production* Washington, D.C.
2019 Conference on Applied Human Factors and Ergonomics poster presentation.

- 2016 *Design Technology for Research* University of Genoa, Italy
FIU in Genoa Faculty Lecture Series for Architecture in Genoa program.
- 2016 *FIU+Bauhaus Workshop* Humboldt University, Berlin, Germany
FIU Faculty Lecture for FIU Global Affairs outreach mission to Berlin.
- 2015 *What is Fabrication?* Polo Universitario la Spezia, Italy
FIU in Genoa Faculty Lecture Series for Design Navale e Nautico program.
- 2015 *What is Fabrication?* University of Genoa, Italy
FIU in Genoa Faculty Lecture Series for Architecture in Genoa program.
- 2013 *PalletCraft* Coral Gables Museum, Miami, FL
CGM Lecture Series, opening lecture for exhibition of furniture made from recycled materials.
- 2012 *Design for the Living World* Coral Gables Museum, Miami, FL
CGM Lecture Series, for a Nature Conservancy exhibition by A. Miller and E. Lupton.

WORKSHOPS

- 2026 *Timber Design Workshop* Auburn University Mass Timber Collaborative
Faculty Development Workshop to promote mass timber design and design/build curriculum.
- 2025 *What is Educational Travel?* UHM SoA
Planning workshop for students embarking on an architecture study abroad experience in Italy.
- 2024 *Keeping History Above Water* Newport Restoration Foundation
Historic preservation strategies for low lying sites in the Pacific Islands, with W. Chapman.
- 2023 *Introduction to Robotics* FIU Institute of the Environment
Micro-credential course for FIU students offered by RDF Lab.
- 2022 *3d Printing* FIU Institute of the Environment
Micro-credential course for FIU students offered by RDF Lab.
- 2022 *3d Modeling* FIU Institute of the Environment
Micro-credential course for FIU students offered by RDF Lab.
- 2021 *Advanced 3d Printing* FIU Robotics & Digital Fabrication Lab
Workshop on robotic 3d printing for FIU students offered by RDF Lab.
- 2021 *Fundamentals of Industrial Robotics* Digital Futures World
Workshop on safety and basic skills for Universal Robots offered in conjunction with Digital Futures conference, with J. Tubella.
- 2020 *Let's Learn the Basics of Rhino* IIDA Miami Student Chapter
Software workshop offered by Miami Student Chapter of International Interior Design Association.
- 2020 *Fundamentals of Industrial Robotics* FIU Robotics & Digital Fabrication Lab
Workshop on safety and basic skills for Kuka Robotics offered in conjunction with the NSF-funded Robotics Academy, with J. Tubella.
- 2019 *Design Presentation Graphics* University of Genoa Dip. Architettura e Design
Collaborative workshop on advanced digital composites Genoa students, with M. Rice.

- 2018 *Graphic Montage Narratives* University of Genoa Dip. Architettura e Design
Collaborative workshop on digital composites for UniGE and FIU Architecture in Genoa students, with M. Rice.
- 2018 *Design for a Rural School in Africa* FIU Center in Italy
Collaborative workshop on programming, spatial composition, and tectonics for UniGE and FIU Master Project in Genoa students, with C. Lepratti.
- 2016 *Post-Industrial Genovese Urbanism* FIU Center in Italy
Collaborative workshop on urban design for UniGE and FIU Architecture in Genoa students, with C. Lepratti.
- 2016 *Miami Urbanism* FIU MMC Campus
Collaborative workshop on urban design for visiting UniGE students and former FIU Architecture in Genoa participants, with C. Lepratti in Miami.
- 2015 *Electrical Landscapes* FIU Center in Italy
Collaborative workshop on urban design for UniGE and FIU Architecture in Genoa students, with C. Andreani.

EXHIBITIONS

- 2026 *A Decade of Community Design* Shen Architecture Gallery (Opening Fall 2026)
Retrospective exhibition of projects by the UH Community Design Center, with C. Ho Schar.
- 2026 *Department of Hawaiian Homelands* Shen Gallery (Opening Fall 2026)
Work by UHM School of Architecture students sponsored by DHHL, with curator E. Voss.
- 2026 *Investigations in Indigenous Design* Shen Gallery
Student design work from workshop by architect Lama Tone, with Y. Ishida & F. Igualt.
- 2026 *Furniture Design* Shen Gallery
Furniture design work by UHM School of Architecture students, with N. Hunsinger & S. Hill.
- 2025 *NAAB Faculty Exhibition* Shen Gallery
Exhibition of professional and academic work by all faculty at the UHM School of Architecture.
- 2025 *Faces of Architecture* Shen Gallery at SoA
Highlighting the rich diversity in the field of Architecture in Hawaii, with AIA Honolulu.
- 2025 *Weaving in Search of Architecture* Shen Gallery at SoA
Academic work by BEnvD students investigating weaving and architectural space making, with D. Pappano.
- 2022 *The Future of Tech in Education* eMerge Americas 2022 Expo
Robotics and mixed reality projects at FIU with CARTA Office of the Dean.
- 2019 *FIU | Bauhaus: A Collaboration* Washington Gallery at FIU MBUS
Interdisciplinary student work and images from FIU+Bauhaus study program, with D. Pappano.
- 2018 *FIU Architecture in Genoa* Museo di San Agostino
Exhibition of student work from the Architecture in Italy program, with M. Rice.
- 2017 *AACUPI: Back from Italy* Italian Embassy, Washington D.C.
Association of American College and University Programs in Italy, with M. Rice.

- 2015–16 *Full-scale Detail* Architecture Gallery at FIU MBUS
Master Projects from 2015 and 2016 featuring fabrication of full-scale experimental prototypes.
- 2016 *You Have 15 Followers* Bauhaus Stage
Architectonic performance exploring bodies in motion on the Bauhaus Stage, with D. Pappano.
- 2015 *Upcycle* Miami Science Museum
Exposition of student furniture and product design projects featuring recycled materials.
- 2014–15 *Miami 2100* Coral Gables Museum
Exhibition examining future impacts of Sea Level on Miami, with M. Nepomechie & M. Canaves.
- 2013 *PalletCraft* Coral Gables Museum
Three-year retrospective exhibition of student furniture built from recycled shipping pallets.
- 2010–12 *Design Fairchild* Fairchild Tropical Garden
Annual exhibition of student furniture design projects.
- 2010 *Books and Furniture* Pop-up at Design Miami Week
Exhibition of graphic design, book binding, and furniture projects, with E. Kedan.

PROFESSIONAL SERVICE

PEER REVIEW

- 2026 *Panelist* NSF Directorate for STEM Education
Invited service position from the National Science Foundation to review Education Core Research (ECR) program grant proposals.
- 2013–26 *Peer Reviewer* Academic Journals, Conferences & Proceedings
ACSA Association of Collegiate Schools of Architecture
TAD Technology, Architecture, Design
ARCC / EAEE Architecture Research Centers Consortium &
European Association for Architectural Education
ACADIA Association for Computer Aided Design in Architecture
CAAD Futures Computer Aided Architectural Design
NCBDS National Conference on The Beginning Design Student
SSHO Social Science & Humanities Open
ASEE American Society for Engineering Education
IEEE EDUNINE World Engineering Education Conference

ACADEMIC CONFERENCES

- 2028 *Conference Chair* Common Ground: Sustainability
Invited service position to host the 2028 Sustainability Conference: *New Perspectives on Local and Global Sustainability*, and to serve as co-editor of the conference proceedings.
- 2024 *Conference Workshop Facilitator* Newport Restoration Foundation
KHAW Pacific Keeping History Above Water
- 2021–23 *Conference Session Chair* Applied Human Factors and Ergonomics
AHFE Hawai'i Conference Application of Emerging Technologies
AHFE Virtual Conference Design Education
AHFE New York Conference Implementation of Novel Technology and Gamification
for Training & Certification

2022 *Conference Session Chair* Architecture Research Centers Consortium
 ARCC Miami Architectural Technology

OTHER PROFESSIONAL SERVICE

2026 *External Reviewer* Canada Research Chairs
 Invited service position to review candidacy for Research Chair in Marine Additive Manufacturing
 at the University of New Brunswick.

2025–26 *Faculty Coordinator* National Association of Home Builders
 Establish a NAHB student chapter, assist with forming an industry advisory board, and
 developing curriculum and courses focused on residential construction.

2024–26 *Volunteer Carpenter* Habitat for Humanity
 Work with Honolulu Chapter of Habitat for Humanity, assist with coordinating student volunteers.

2020 *Competition Juror* IIDA Miami Chapter
 Furniture Design: Invited by the Miami Chapter of the International Interior Design Association.

2014–17 *Design Discipline Coordinator* National YoungArts Foundation
 Curriculum developer, master teacher, exhibition designer, admissions panelist, & nominating
 committee for the US Presidential Scholars in the Arts award including over \$100K in scholarships.

PRIOR ACADEMIC POSITIONS

FIU ARCHITECTURE

2022–23 *Teaching Professor*
 2016–21 *Associate Teaching Professor*
 2010–15 *Assistant Teaching Professor*
 2005–10 *Adjunct Instructor*



90% Teaching, 10% Service

100% Teaching

FIU LEADERSHIP & SERVICE

Architecture Department, College & University

Director
Co-Director

Associate Director / Interim Manager
Manager
Coordinator

Committee Member

Architecture in Genoa Program
 Bauhaus Workshop
 Architecture Summer Programs in Europe
 Robotics & Digital Fabrication Lab
 Fabrication Lab
 3-Year MArch Track
 Formative 1 Studio
 Design 4 Studio
 Architecture Department Study Abroad Programs
 Global Affairs Strategic Planning Committee
 College Curriculum Committee
 Architecture Search & Promotion Committees
 New Academic Programs Development Committee
 Fabrication Equipment & Technology Committee

FIU MENTORSHIP

Architecture Department, College & University

Supervisor
Faculty Mentor
Faculty Advisor
Advisor, Chair, Committee Member
Advisor

Graduate Research and Lab Assistants
 Faculty Mentorship Program
 APX Student Organization
 PhD, DDes, MAA
 BS Electrical & Computer Engineering Capstone

FIU ARCHITECTURE COURSES

2008/09/10/11/12/13
 2013
 2014
 2009/10/16/17/20/22
 2014/17
 2005/07/08/09/10
 2011/12/13/14/17/18/19/20/21
 2017
 2017/18/20/21/22
 2008/10
 2011/12/13/14/17/20/22
 2015/16/18/19/22
 2006/09
 2015/16/18/22
 2023
 2023
 2015/16/18/19/23
 2015/16/18/19/23
 2015/16/18/19
 2014

ARC1301 Design 1
 ARC1302 Design 2
 ARC2303 Design 3
 ARC2304 Design 4
 ARC4905 Independent Study: Furniture Design/Fabrication
 ARC5075 Formative 1: Interdisciplinary
 ARC5075 Formative 1: Architecture
 ARC5076 Formative 2
 ARC5329 Design 5
 ARC4335 Undergraduate Design 6
 ARC5335 Design 6
 ARC5340 Design 7
 ARC4343 Undergraduate Design 8
 ARC5343 Design 8
 ARC5362 Design 9 Sustainable Practices: Genoa
 ARC5621 Environmental Systems 2: Genoa
 ARC5734 Culture and Art in Italy: Genoa
 ARC5745 Urban Architecture of the 20th Century: Genoa
 ARC5756 Architecture of the City: Genoa
 ARC5933 Special Topics Seminar: Projective Visualization

2016/18/19
 2014/15
 2012
 2018/19
 2015/16/19/22
 2015/16/17/18/19/20
 2008/09/12/13/14/15
 2015/16
 2015/16/18/19

ARC5935 Master Project Seminar: Genoa
 ARC5935 Special Topics Seminar: Furniture Design/Fabrication
 ARC5935 Special Topics Seminar: Meaning and Making
 ARC6280 Professional Office Practice: Genoa
 ARC6356 Design 10
 ARC6906 Independent Study: Master of Arts in Architecture
 ARC6906 Independent Study: Furniture/Fabrication/Exhibition
 ARC6947 Research Methods: Master of Arts in Architecture
 ARC6970 Master Project Studio

FIU INTERIOR DESIGN COURSES

2008/10/11
 2008/09/10/11/16
 2009/10
 2016
 2018

IND4441 Undergraduate Furniture Design
 IND5445 Graduate Furniture Design
 IND5475 Computer Applications for Interior Design
 IND5950 Travel & Culture: Bauhaus Workshop
 IND6906 Independent Study: Bauhaus Workshop

FIU LANDSCAPE ARCHITECTURE COURSES

2016
 2009/10
 2010
 2011
 2018/19/23
 2018/19/23
 2016
 2018/19
 2016/18/19
 2018/19

LAA5249 Catalyst of the Urban Canvas: Bauhaus Workshop
 LAA5371 Computer Practice for Landscape Architecture 1
 LAA5381 Computer Practice for Landscape Architecture 3
 LAA5475 Computer Applications for Landscape Architecture
 LAA6347 Italian Design Culture: Genoa
 LAA6348 Landscape Architecture of the City: Genoa
 LAA6390 Digital Landscapes: Bauhaus Workshop
 LAA6656 Landscape Architecture Graduate Design 4
 LAA6905 Independent Study: Bauhaus Workshop
 LAA6906 Independent Study: Genoa

FIU ART & ART HISTORY COURSES

2016
 2016

ARH3930 Special Topics: Bauhaus Pedagogy & Production
 ARH3930 Special Topics: Bauhaus Workshop Fabrication

DOCTORAL ASSISTANT

TEACHING ASSISTANT & CRITIC

2018–20 *Teaching Assistant & Studio Critic*
 2018
 2019
 2018–20



UNIVERSITÀ
 DEGLI STUDI
 DI GENOVA

Laboratorio di Design Concept e Prodotto
 Laboratorio di Design 2 Prodotto
 Progettazione Intensiva Design del Prodotto Nautico

GRADUATE ASSISTANTSHIP

TEACHING ASSISTANT

2003–05 *Graduate Teaching Assistant*
 2003/04
 2003/04
 2005



College of Design,
 Construction and Planning

ARC1301 Design 1
 ARC1302 Design 2
 ARC5076 Core 2