

# ERIC PETERSON, Ph.D.

## ASSISTANT PROFESSOR

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### EDUCATION

Ph.D. Architecture & Design  
M.Arch. Architecture  
B.A. Sociology & Anthropology

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

### ACADEMIC EXPERIENCE

Assistant Professor  
Teaching Professor  
Fabrication Lab Manager  
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  
UniGE Dipartimento di Architettura e Design  
UF School of Architecture

### PROFESSIONAL EXPERIENCE

Architecture Intern

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 Jointers: Pownal, ME

Construction Supervisor

Carpenter & Foreman

Apprentice Joiner & Carpenter

### AWARDS & AFFILIATIONS

2025 Research Assistantship Award  
2025 Faculty Travel Award  
2022 Service Award  
2022 Sigma Xi  
2019 Top Scholar Award  
2016/18 Open Studio Residency  
2009 Excellence in Teaching Award

UHM SoA Office of the Dean  
UHM Office of Vice Provost for Research & Scholarship  
FIU College of Communication, Architecture & The Arts  
Scientific Research Honor Society  
FIU Office of the Provost  
Bauhaus Dessau Foundation  
FIU School of Architecture

### GRANTS & FUNDED PROJECTS

2024–26	Applications & Contracts	\$2,071,000 (*since joining UHM)
2012–26	Total Grant Solicitations	\$5,400,000
2012–26	Funding Success Rate = 33%	\$1,658,000
2010–26	Participant in Funded Research	\$2,580,000
2015–26	Small Externally Funded Projects	\$175,000

## GRANT-FUNDED PROJECTS & APPLICATIONS

### APPLICATIONS & AWARDS SINCE JOINING UHM

- 2026 NSF-IUSE *In Review* \$400,000 NSF  
*Augmented Learning with Expert Feedback (ALEX) for Structural Design*  
 CoPI, Curriculum Developer, Grant Writer. With PI C. Cho (CECE), and CoPIs H-J. Park (SoA), Z. Haopeng (ICS), and D. Hoffman & S. Paek (LTEC).
- 2025 NSF-IUSE *Funded* \$400,000 [NSF #2519207](#)  
*Spatial Augmented Reality for Collaborative Learning (SpARC)*  
 PI, Curriculum Developer, Learning Evaluation Specialist, Lead Grant Writer.  
 With CoPIs N. Kirshenbaum (ICS) and Y. Ishida (SoA).
- 2025 NHE-HELP *Funded* \$40,000 [2026 NHE-HELP GRANT](#)  
 National Housing Endowment: *Homebuilding Education Leadership Program*  
 CoPI, Design/Build Curriculum Developer, Grant Writer.  
 With PI V. Dharmapalan (CECE) and CoPI K. Sierralta (SoA).
- 2025 NSF-IUSE *Declined* \$400,000 NSF  
*Augmented Reality with Expert Feedback (ARX) for Learning Structural Design*  
 PI, Curriculum Developer, Learning Evaluation Specialist, Lead Grant Writer.  
 With CoPIs H-J. Park (SoA) and C. Cho (CECE).
- 2024 Spencer Foundation *Declined* \$50,000 Research on Education  
*Fröebel's Digital Gifts: An Immersive Student-Centered Pedagogy with Expert Feedback*  
 Co-PI, Curriculum Developer, Learning Evaluation Specialist, Grant Writer.  
 With PI Dr. H-J. Park (SoA).
- 2024 NSF-IUSE (Level 2) *Declined* \$725,000 NSF  
*Spatial Augmented Reality for Kinesthetic Learning (SpARK)*  
 PI, Learning Evaluation Specialist, Lead Grant Writer.  
 With CoPIs N. Kirshenbaum (ICS) and Y. Ishida (SoA).

### AWARDS PRIOR TO JOINING UHM

- 2023 NSF-IUSE *Funded* \$400,000 [NSF #2351647](#)  
*Augmented Learning for Environmental Robotics Technologies (ALERT)*  
 Co-PI, Curriculum Developer, Grant Writer.
- 2022 NSF-RETTL *Funded* \$750,000 [NSF #2202610](#)  
*Intelligent Immersive Environments for Learning Robotics Operations*  
 Senior Personnel, Curriculum Developer, Grant Writer.
- 2020 NSF-RAPID *Funded* \$160,000 [NSF #2029557](#)  
*A Platform for Mitigating the Effects of COVID-19 on the Healthcare System*  
 Senior Personnel, UI / UX Developer.
- 2019 NSF C-ACCEL *Funded* \$975,000 [NSF #1937019](#)  
*Preparing the Future AEC Workforce for Automation and Robotic Processes*  
 Senior Personnel, Curriculum Developer.
- 2018 DAAD *Funded* €10,000 [DAAD Travel Grant](#)  
 Deutscher Akademischer AustauschDienst: *Bauhaus Workshop Travel / Study Germany*  
 PI, Program Director, Lead Grant Writer.

- 2012 A.W. Mellon Foundation *Funded* \$2,000 [Wolfsonian Infusion Grant](#)  
*Furniture Design Curriculum Enrichment Grant*  
 PI, Curriculum Developer, Lead Grant Writer.
- 2011 US Dept. of Energy *Funded* \$150,000 [Solar Decathlon](#)  
*PerFORM[D]ance: National Design / Build Competition*  
 Senior Personnel, Interior Construction Team Leader.

## FUNDED PROJECTS

### UH COMMUNITY DESIGN CENTER PROJECTS

- 2026– Department of Hawaiian Homelands *Pending Project*  
 Design / Build research aimed at addressing the housing shortage in Hawai'i.  
 CoPI, Construction; with CoPI Prof. Ho Kyung Lee, Design.
- 2024–25 Mental Health Kōkua \$13,000 [Pūnāwai Rest Station](#)  
 Furniture design/build project supported one Research Assistant.  
 PI, Designer, Fabricator; with K. Tennal (RA).

### FUNDED PROJECTS PRIOR TO JOINING UHM

- 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 the Miami Beach Convention Center for the Office of the*  
 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 for the South Florida*  
 Regional Distribution Center, built from recycled shipping pallets donated by the client.  
 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](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](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](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](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](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 Roboticians. 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. *In Review*.
- 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). Work in Progress: Spatial Augmented Reality for Collaborative Learning. In *2025 IEEE Engineering Education World Conference (EDUNINE)*, Mexico City, Mexico, pp. 1-4. *In Press*.
- 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>

## MONOGRAPHS & WEBSITES

- 2026 **Peterson, E.**, McLean, B., Zhou, J., Zhao, L. (2026). *2<sup>nd</sup> 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](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>

### PAPER PRESENTATIONS & LECTURES

- 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 *3D Printing MBAM Sandwich Structures* Digital Futures (virtual)  
2023 Conference on Computational Design and Robotic Fabrication, w/ B. Kaur.

### PRESENTATIONS PRIOR TO JOINING UHM

- 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

- 2025 *Educational Travel Planning* UHM SoA  
Workshop for architecture students planning to travel on study abroad programs in Europe.
- 2025 *What is Educational Travel?* UHM SoA  
Research and planning workshop for students embarking on an architecture study abroad experience in Italy.
- 2024 *Keeping History Above Water* Newport Restoration Foundation  
Case-study workshop addressing historic preservation strategies for low lying sites in the Pacific Islands, with W. Chapman.

## WORKSHOPS PRIOR TO JOINING UHM

- 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 *Investigations of Indigenous Design* Shen Gallery  
Student design work from workshop by architect Lama Tone.
- 2026 *Furniture Design* Shen Gallery  
Furniture design work by UHM School of Architecture students.
- 2025 *NAAB 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.

## EXHIBITIONS PRIOR TO JOINING UHM

- 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 *Panel Reviewer* NSF EDU Core Research Program  
Invited service position from the National Science Foundation to review federal grant proposals.
- 2025–26 *Peer Reviewer* ACSA, TAD  
Invited service position from the 2025 & 2026 Association of Collegiate Schools of Architecture.
- 2025–26 *Peer Reviewer* ASEE  
Invited service position from the 2026 American Society for Engineering Education.
- 2025-26 *Peer Reviewer* IEEE EDUNINE  
Invited service position from the 2026 IEEE World Engineering Education Conference.
- 2023–26 *Peer Reviewer* ARCC / EAEE  
Invited service position from the 2024 & 2026 conference organizers.
- 2024–25 *Peer Reviewer* ACADIA  
Invited service position from the 2024 & 2025 conference organizers.
- 2023–25 *Scientific Committee* CAAD Futures  
Invited service position from the CAAD Futures 2023 & 2025 conference organizers.
- 2013 *Peer Reviewer* Conference on The Beginning Design Student  
Invited service position from 2014 conference organizers.

## ACADEMIC CONFERENCES

- 2023 *Conference Session Chair* AHFE Hawai'i Conference  
Session: *Application of Emerging Technologies*. Invited service positions from the 2023 Applied Human Factors and Ergonomics conference organizers.
- 2022 *Conference Session Chair* ARCC Conference  
Session: *Architectural Technology*. Invited service position from 2022 Architectural Research Centers Consortium conference organizers.
- 2022 *Conference Session Chair* AHFE New York Conference  
Session: *Implementation of Novel Technology & Gamification for Training & Certification*. Invited service position from the 2022 AHFE conference organizers.
- 2021 *Conference Session Chair* AHFE Virtual Conference  
Session: *Design Education*. Invited service positions from the 2021 AHFE conference organizers.

## OTHER 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.
- 2026 *Moderator* American Institute of Architects Student Chapter Hawai'i  
Panel discussion on professional development and practice in Architecture and Landscape Arch.
- 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.
- 2024–25 *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 committee, & nominating panelist for the US Presidential Scholars in the Arts award including over \$100K in scholarships.

## TENURE TRACK PROFESSOR

### POSITION

- 2023–26 Tenure Track  
2023–26 *Assistant Professor*



40% Teaching, 40% Research, 20% Service

### LEADERSHIP, SERVICE & MENTORSHIP

- 2023–26 *2nd-year Studio Coordinator* School of Architecture  
Curriculum developer, lead instructor, and mentor for Lecturers and Teaching Assistants.
- 2023–26 University Service Assignments  
*UHM & SoA Hui, Cohort Kaulua* Hawaiian Place of Learning Strategic Planning Committee  
*UHM Faculty Senator* Mānoa Faculty Senate  
*UHM Committee Secretary* Committee on Faculty Service  
*UHM Committee Member* ISR Sustainability Curriculum Committee

- 2023–26 Annual SoA Service Assignments  
*SoA AFS Chair* Architecture Faculty Senate  
*SoA AFS Alternate Officer* Architecture Faculty Senate  
*SoA Committee Chair* Shen Gallery  
*SoA Faculty Coordinator* NAHB Student Organization  
*SoA Committee Member* Faculty Search: Building Technology  
 NAAB Committee  
 Curriculum Committee  
 Lectures Committee  
 Shen Gallery Committee  
 Scholarship Committee  
 Recruitment & Promotional Materials Committee
- 2025–26 *Professional Engagement Mentor* NHE Grant-funded Project  
 Form NAHB student club for professional engagement and learning enrichment activities.
- 2025–26 *Research Mentor* NSF Grant-funded Projects  
 Work with an M.Arch. Research Assistant on federally funded interdisciplinary projects.
- 2024–25 *Research Mentor* UHM Civil, Environmental & Construction Engineering  
 Work with MS in CECE student on thesis project, provide guidance and mentorship.
- 2023–26 *Teaching Mentor* UHM School of Architecture  
 Train TAs in teaching, assessment, and engaging students in large lecture & studio courses.
- 2023–26 *Creative Practice Mentor* Community Design Center  
 Work with hourly employees to learn about and participate in professional practice projects.

#### **UHM TEACHING ASSIGNMENTS**

- 2024–26 ARCH 200 Collaboration in Environmental Design  
 2023–26 ARCH 201 Beginning Design Studio I  
 2024–27 ARCH 202 Beginning Design Studio II  
 2023/24/27 ARCH 490 Fabrication Elective  
 2025–26 ARCH 781 Adv. Research Methods & Design Inquiry

**TEACHING PROFESSOR**

**POSITION**

2010–23	Professional Teaching Track	90% Teaching, 10% Service
2022–23	<i>Full Teaching Professor</i>	
2016–21	<i>Associate Teaching Professor</i>	
2010–15	<i>Assistant Teaching Professor</i>	
2005–10	<i>Adjunct Instructor</i>	100% Teaching



College of Communication, Architecture + The Arts

**LEADERSHIP, SERVICE & MENTORSHIP**

2010–23	Teaching Professor <i>Coordinator</i>	Architecture Department 3-Year MArch Track Formative 1 Studio Design 4 Studio Architecture Department Study Abroad Programs Architecture in Genoa Program Bauhaus Workshop Architecture Summer Programs in Europe
	<i>Director</i>	Architecture in Genoa Program
	<i>Co-Director</i>	Bauhaus Workshop Architecture Summer Programs in Europe
	<i>Associate Director / Interim Manager</i>	Robotics & Digital Fabrication Lab
	<i>Manager</i>	Fabrication Lab
	<i>Mentor</i>	Faculty Mentor Program
	<i>Faculty Advisor</i>	Student Organizations
	<i>Advisor, Chair, Committee Member</i>	PhD, DDes, MAA
	<i>Advisor</i>	BS Electrical & Computer Engineering Capstone
	<i>Committee Member</i>	College Curriculum Committee Search & Promotion Committees New Academic Programs Development Committee Fabrication Equipment & Technology Committee
2005–10	Adjunct Instructor <i>Manager</i> <i>Committee Member</i>	School of Architecture Fabrication Lab Fabrication Technology Committee

**ARCHITECTURE COURSES**

2008/09/10/11/12/13	ARC1301 Design 1
2013	ARC1302 Design 2
2014	ARC2303 Design 3
2009/10/16/17/20/22	ARC2304 Design 4
2014/17	ARC4905 Independent Study: Furniture Design/Fabrication
2005/07/08/09/10	ARC5075 Formative 1: Interdisciplinary
2011/12/13/14/17/18/19/20/21	ARC5075 Formative 1: Architecture
2017	ARC5076 Formative 2
2017/18/20/21/22	ARC5329 Design 5
2008/10	ARC4335 Undergraduate Design 6
2011/12/13/14/17/20/22	ARC5335 Design 6
2015/16/18/19/22	ARC5340 Design 7
2006/09	ARC4343 Undergraduate Design 8
2015/16/18/22	ARC5343 Design 8
2023	ARC5362 Design 9 Sustainable Practices: Genoa
2023	ARC5621 Environmental Systems 2: Genoa
2015/16/18/19/23	ARC5734 Culture and Art in Italy: Genoa
2015/16/18/19/23	ARC5745 Urban Architecture of the 20 <sup>th</sup> Century: Genoa
2015/16/18/19	ARC5756 Architecture of the City: Genoa
2014	ARC5933 Special Topics Seminar: Projective Visualization
2016/18/19	ARC5935 Master Project Seminar: Genoa
2014/15	ARC5935 Special Topics Seminar: Furniture Design/Fabrication

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 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

### 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

### 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

### ART & ART HISTORY COURSES

2016  
2016

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

## STUDIO ASSISTANT

### POSITION

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



UNIVERSITÀ  
DEGLI STUDI  
DI GENOVA

Laboratorio di Design Concept e Prodotto (Mobilità Urbana)  
Laboratorio di Design 2 Prodotto (Veicolo Camper)  
Progettazione Intensiva Design del Prodotto Nautico

## ASSISTANTSHIP

### POSITION

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