

Philip M. Horton, Assoc. AIA

Co-Director of the Center of Building Innovation (CoBi)

Clinical Associate Professor of Architecture

Senior Global Futures Scientist

NCARB Architect Licensing Advisor (ALA)

Arizona State University

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Education

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| 2021-2022 | Stanford LEAD Executive Education Certificate, Stanford University, Graduate School of Business (GSB) |
| 2001-2003 | Master of Architecture, Arizona State University (ASU) |
| 1997-2001 | Bachelor of Science in Architectural Studies, Southern Illinois University at Carbondale (SIUC) |

Academic Roles

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| 2021-present | Co-Founder/Co-Director of the Center of Building Innovation (CoBI), Arizona State University |
| 2021-present | Senior Global Futures Scientist, Julie Ann Wrigley Global Futures Laboratory, Arizona State University |
| 2021-present | Affiliate Faculty Member, Urban Climate Research Center (UCRC), Arizona State University |
| 2021-present | Clinical Associate Professor of Architecture, The Design School, Arizona State University |
| 2012-present | Honors Faculty, Barrett Honors College, Arizona State University |

2015-2022 Affiliate Faculty Member, Biomimicry Center, Arizona State University

2021-2022 Assistant Director for Strategic Initiatives, The Design School, Arizona State University

2020-2021 Interim Director of The Design School, Arizona State University

2018-2020 Associate Director for External Relations, The Design School, Arizona State University

2016-2020 Senior Sustainability Scientist, Julie Ann Wrigley Global Institute of Sustainability, Arizona State University

2015-2020 Clinical Assistant Professor of Architecture, The Design School, Arizona State University

2017-2018 Assistant Director for Undergraduate Studies, The Design School, Arizona State University

2017-2018 Maxfield Memorial Thesis Respondent, School of Architecture, Miami University of Ohio

2014-2018 Head of Architecture Program, The Design School, Arizona State University

2014-2017 Assistant Director for Strategic Communications, The Design School, Arizona State University

2013-2015 Lecturer, The Design School, Arizona State University

2004-2013 Faculty Associate, The Design School, Arizona State University

Service (Abbreviated Selection)

2025-present Faculty Advisor, Alpha Rho Chi (APX), Satyros Chapter

- 2023-present Architect Licensing Advisor (ALA) for the Architecture program at ASU, including bi-annual participation in the National Council of Architectural Registration Boards (NCARB) Licensing Advisors Summit
- 2023-present Faculty Advisor, United States Green Building Council (USGBC) at Arizona State University student chapter
- 2022-present Committee Member to the American Institute of Architects (AIA), Arizona Component, Committee of the Environment (COTE) group
- 2022-present Inspireli Awards International Jury Member, 7th and 8th annual Awards, invited by architect and co-founder, Dr. Karel Smejkal
- 2021-present HIDA Delegate to the International Travel Advisory Committee (ITAC); with International Health, Safety & Security and the ASU Global Education Office, serving at the appointment of HIDA Dean, Steven J. Tepper
- 2018-present Alternate Member, City of Tempe and Arizona State University, Joint Review Committee (JRC) for Mixed-Use/Educational (MUED) Development review and approvals
- 2015-present Internship Coordinator, Architecture Program, The Design School at Arizona State University
- 2015-present Advisory Board Member, Arizona Architecture Foundation (formerly Rio Salado Architecture Foundation)
- 2023-2026 Professional Practice Education Library (ProPEL) Editorial Board member (six-person, national board, three-year service term), by appointment from the Association of Collegiate Schools of Architecture (ACSA) Board of Directors, and NCARB.

- 2024-2025 Co-Chair of the Built Environment Workstream for the *NSF Futures Engine in the Southwest* (formerly the *Southwest Sustainability Innovation Engine*)
- 2024-2025 Member of the *ASU Creative Economy Hub* initiative, including serving on the Space & Place and Industry Advisory committees
- 2024-2025 Member of the Executive Committee for the Architecture Faculty at ASU, representing the Professional Accreditation Committee
- 2023-2024 Chair of the Professional Accreditation (NAAB) Committee for the Architecture Faculty at ASU
- 2016-2023 Volunteer Competition Judge and Mentor, *Future Cities*, 7th and 8th Grade Student Competition, representing the Arizona Architecture Foundation (formerly Rio Salado Architecture Foundation)
- 2022-2023 Co-leader of the Academic Structures working group of the *ASU International Students Hiring Initiative*, led by Associate Vice President, Safali Patel and Assistant Vice President, Holly Singh
- 2022-2023 Preparation Task Force, National Architectural Accreditation Board (NAAB), writing sections of Architecture Program Report (APR), collecting student work, and facilitating data collection and analysis for Student Criteria (SC) and Program Criteria (PC), in support of Paola Sanguinetti, Claudio Vekstein, and Elena Rocchi
- 2015-2023 Advisory Board Member, American Institute of Architects (AIA), Phoenix Metro Chapter and AIA Arizona Component
- 2019-2023 Selection Committee, *Robert Saemisch Travel Prize* for newly licensed professional architects, Arizona Architecture Foundation (formerly Rio Salado Architecture Foundation)

- 2012-2022 Committee Member, Master of Architecture Admissions Committee, The Design School at Arizona State University
- 2013-2022 Faculty Advisor, Alpha Rho Chi (APX), Satyros Chapter
- 2020-2022 *Reimagining Internships*, University-wide Planning Group, led by Vice Provost Sukhwant Jhaj, Executive Director Cindy Parnell, and Business Development Director Jonathan Relvas
- 2020-2022 *Serving Specialized Needs of International Students* University-wide Planning Group, led by Senior Vice President Stefanie Lindquist, Vice President Kent Hopkins, Vice Provost Sukhwant Jhaj, and Associate Vice President Matthew López
- 2020-2022 Participation on the Restructuring and Outreach Committee of the *Design Justice Initiative (DJI)*
- 2021-2022 Participation in all listening sessions and workshops with the *Design Futures Forum* partnership, sponsored through a grant led by Maria Rosario Jackson and Christina Park, organized and facilitated by Theresa Hyuna Hwang and Rajan Hoyle
- 2021-2022 ASU-Starbucks Center for the Future of People & Planet, “Greener Stores” Workstream group, developing goals, metrics, and professional development modules (for Starbucks Global Academy) with collaborators: Nathan Johnson and Lisa Young at ASU, and Suzanne Tedrow at Starbucks
- 2021-2022 Area Coordinator for *ASU Global Academic Initiatives (GAI)* and *Cintana Alliance* partnership efforts, including accelerated Bachelors to Master’s degree path development and 3+1 Bachelors Degree articulations with *Bilgi University* in Istanbul.
- 2022 Invited Final Reviews Critic at the University of Tennessee-Knoxville (UTK) College of Architecture and Design (COAD). Invited by Director of the School of Interior Architecture, and Director of Diversity Initiatives, Milagros Zingoni.

- 2022 Academic Referee for the University of Arizona (UA) College of Architecture, Planning, and Landscape Architecture (CAPLA) for an architecture faculty member applying to promote to the rank of Senior Lecturer. Served at the request of former School of Architecture Director, Rob Miller.
- 2021 Invited panelist for Ideation Session #1 with the University Design Institute (UDI) for the design and development of *Established Global Leaders in Higher Education* and *Emerging Global Leaders in Higher Education* leadership programs.
- 2021 Invited reviewer for the *Journal of Architectural Engineering*, manuscript #AEENG-1369, “Efficiency of Introducing Online Education Pedagogy in Basic Design Studio at the Time of Covid-19,” Rawan T. Abu Alatta, Hind M. Momani, and Asma’ M. Bataineh.
- 2021 Invited Guest Class Lead in *DSC 598: Principles of Collaboration* for Dr. William Heywood
- 2020 Recruitment Exhibitor, *Education USA/Yocket Graduate Virtual Fair* for the students across the Indian subcontinent
- 2018-2019 Faculty Liaison, ArchiPrix International; Students: Luis Medina, Zachary Bundy, Abel Clutter; Santiago, Chile
- 2015-2019 Co-Faculty Advisor, American Institute of Architecture Students chapter at ASU
- 2019 Recruitment Travel, Fall 2019 India College Visits: Mumbai, Ahmedabad, Vadodara, Hyderabad, Chennai, Vellore, Bengaluru, Delhi, Gurugram with the support of ASU Admissions Services and International Students Scholars Center (ISSC)
- 2019 Search Committee member, *Director Communications and Strategy* for the Herberger Institute for Design and the Arts (HIDA) at ASU

- 2019 Recruitment Exhibitor, National Organization of Minority Architects (NOMA) National Conference, Brooklyn, New York
- 2019 Recruitment Travel, Spring 2019 India Yield Trip: Delhi, Mumbai, Pune, Ahmedabad with the support of ASU Admissions Services and International Students Scholars Center (ISSC)
- 2015-2019 Recruitment Exhibitor, Architecture/Design College Fair, Boston Society of Architects, Boston, Massachusetts
- 2015-2019 Faculty Advisor, *Discipline* Architecture Journal student editing team
- 2015-2019 Recruitment Exhibitor, *Chicago Architecture + Design College Day*, Chicago, Illinois
- 2018 Search Committee member, *Associate Director of Academic Affairs* for The Design School at ASU
- 2017-2018 Chair of Search Committee, *Architecture Program Head* at The Design School at ASU
- 2015-2018 Committee Member, The Design School Technology Committee
- 2013-2017 Academic Liaison, Construction Specifications Institute (CSI), Phoenix Chapter
- 2015-2016 Co-Faculty Advisor, Design Build Institute of America (DBIA), ASU Chapter
- 2014 Recruitment Exhibitor, Association of Collegiate Schools of Architecture (ACSA) Virtual College Fair
- 2014 Project Coordinator, Clinton Global Initiative University (CGI U) Clinton Foundation, Day of Service volunteer effort

Research and Creative Activity (Abbreviated Selection)

- 2023-present *Design Futures Exchange (formerly Climate Futures Exchange)* with An-Najah National University (ANNU) in Nablus, Palestine, funded (\$450k) by the [J. Christopher Steven’s Virtual Exchange Initiative, at the U.S Department of State, and managed by the Aspen Institute](#), with Marc J. Neveu, Mutasim Baba, Sameh Monna, Allam Mousa, and Muhannad Haj Hussein.
- Conference Presentation and Manuscript “Collaborative Online International Learning (COIL) Between Palestine and the U.S.” on December 19-20, 2025 at the *School of Collectively Building (SOCB) E.U. International Conference* under the theme, “Education, Teaching, and Practice in a Changing World” (held virtually and in Vienna, Austria), with Marc J. Neveu
- Conference Poster “Bridging with COIL: Virtual Exchange as a Futures Model” on April 8-11, 2026 at the *Architecture Research Centers Consortium (ARCC) – European Association for Architectural Education (EAAE) International Conference* under the theme “Local Solutions to Global Issues” in Atlanta, Georgia.
- Conference Panel Discussion “Building Futures Exchange” on April 15-18, 2026 at the *American Association of Colleges & Universities (AAC&U) Conference on Learning and Student Success (CLASS)* under the theme of “Demonstrating Courageous Care” (held virtually and in Tucson, Arizona), with Mutasim Baba, Mohammad Alrajhi, Athoub Alrayyes, and Kinda Hawash
- 2025-2026 *American Institute of Steel Construction (AISC) Education Foundation* “Integration of Structural Steel into Architecture Programs” Application (\$110k) PI with Marc J. Neveu
- 2021-2025 *Embassy 2050: Innovation for Security, Resilience, and Sustainable Operations*; funded (\$516k) by the U.S. Department of State, Bureau of Overseas Building Operations (OBO), with A/E Contractor, Studio Ma; including ASU colleagues: Dave White, David Sailor, Mounir El Asmar, Brian Gerber, Melanie Gall, and Marc J. Neveu

Conference Presentation and Published Manuscript “Embassy 2050” on October 6, 2022 at the *American Institute of Architects (AIA)/Association of Collegiate Schools of Architecture (ACSA) Intersections Research Conference* under the theme “Resilient Futures” (held virtually), with Marc J. Neveu

Journal Article “Developing Long-term Risk & Resilience Management Strategies for Physical Asset and Critical Infrastructure Projects” published in *Frontiers in Built Environment* (Lausanne) on August 20, 2025 as part of the curated research topic, “Enhancing Resilience in Complex Systems: Transdisciplinary and Systems Approaches to Sustainable Infrastructure and Urban Development.” (doi: 10.3389/fbuil.2025.1530343)

2022-2023 *Hydrothermal Liquefaction Biochar as a Multifunctional Additive for Structural Concrete* funding request (\$250k) submitted to Meta (formerly Facebook) for review, with Primary Investigator Travis Johnson, and fellow Co-Investigators: Justin Flory, Dr. Shuguang Deng, and Dr. Elham “Ellie” Fini

2023 *National Science Foundation (NSF) Global Centers* – for “Track 1: Global Center Implementation: Research Partnerships with Australia, Canada, and the United Kingdom” – Application (\$5M for 5 years) Co-PI for *Innovative Human-centered Energy-efficient Affordable Living with Timeless Habitability (I-HEALTH)*, with PI Elham Fini, Dongwoo Yeom, Robert Stirling, Laura Ackerman, Jay Oswald, Timothy Long, Shuguang Deng, and Judith Klein-Seetharaman at ASU; as well as Juliana Holley and Sukumar Natarajan at the University of Bath in the UK; Elnaz Esmizadeh, Marzieh Riahinezhad, and Tizazu Mekonnen at the University of Waterloo in Canada; and Philip Marriott at Monash University in Australia

2023 *U.S. Department of Housing and Urban Development (HUD) Office of Policy Development and Research* – “Exploring Office to Residential Conversions” (HUDRD-EORC) – Application (\$860k) Co-PI with PI Dr. Kimberly Winson, and fellow Co-PIs Dr. Kristen Parrish and Mark Stapp (all at Arizona State University).

- 2022-2023 *Circular Economy Campus for the City of Phoenix*, finalist for the C40 Cities: Climate Leadership Group competition, in partnership with global Architecture & Engineering (A/E) firm, DLR Group, along with fellow ASU collaborators: Rajesh “Raj” Buch and Marc J. Neveu
- 2022-2023 Chapter Co-Author of “Building Innovation at Arizona State University” with Dr. Marc J. Neveu, for the book *Interdisciplinary Design Thinking in Design Education* (Routledge, 2023) edited by Julie Ju-Youn Kim RA AIA, Associate Professor of the School of Architecture at Georgia Institute of Technology
- 2022-2023 *Functionalized Biochar to Sequester Carbon and Improve Concrete Durability*, competitive seed grant funded (\$30k) by ASU Lightworks, with ASU colleagues, Primary Investigator, Dr. Shuguang Deng, and fellow Co-Investigators: Dr. Elham “Ellie” Fini, and Justin Flory
- 2017-2023 [*Innovations in Precast Concrete*](#), with the Precast Concrete Institute (PCI) Foundation, TPAC Architectural and Structural Precast, (\$85k) sponsored studios and technology support courses
- 2017-2019 *Green Futures Exchange* curriculum, co-taught with colleagues at An-Najah National University (ANNU) in Nablus, Palestine, funded (\$250k) by [Steven’s Initiative Grant, the Aspen Institute](#), with Dr. Harvey Bryan FAIA
- 2017-2018 *Rio Reimagined, the Future of Rio Salado* coordinated Research Assistants and Faculty to develop and deliver coursework and deliverables, with Wellington Reiter FAIA, Melissa McCann, and the University City Exchange (UCX)
- 2016-2017 *Waimea Nui Community Development Initiative*, co-developed grant with Native Hawaiian Homesteaders Association and the Global Institute of Sustainability (GIOS)

- 2016 *Provisional Uses of Unutilized Properties in Phoenix*; with GIOS, International Rescue Committee (IRC), The Nature Conservancy, and The Water Management Group
- 2014-2015 *Energy and Time of Use Savings of a Hybrid Cooling and Storage System*, with Arizona Public Service (APS) and Dr. Harvey Bryan FAIA
- 2014 *Affordable Lessons from SHADE: Solar Homes Adapting for Desert Equilibrium*, Training Presentation for the Low-Income Home Energy Assistance Program (LIHEAP) of the U.S. Department of Health and Human Services, with Dr. John Cribbs and Rahul Garkhail
- 2012-2014 [*SHADE: Solar Homes Adapting for Desert Equilibrium*](#), Solar Decathlon 2013, \$1.1M+ in design and construction of net-zero modular home for U.S. Department of Energy (DOE) and National Renewable Energy Lab (NREL), with Dr. Olga Lavrova (UNM), Dr. Matthew Fraser, Dr. Kristen Parrish, and other students and colleagues from Arizona State University and the University of New Mexico (UNM)
- 2013 *Team ASU-UNM DOE Solar Decathlon 2013 SHADE House: Combining Passive and Active Solar Designs with Architecture*, 42nd annual American Solar Energy Society (ASES) Conference and 38th annual Passive National Solar Conference
- 2009-2010 *SolarPorts: Electric Vehicle Charging Infrastructure*, with SolarScape Energy and Darren Petrucci
- 2009 *Bell Road Identity Project*, City of Phoenix Neighborhood Services and Bell Road Merchants Association, with Darren Petrucci and Brad Jones
- 2008-2009 *16th Street Neighborhood Fight Back Identity & Branding Project*, City of Phoenix Neighborhood Services and 16th Street Merchants Association, with Darren Petrucci

- 2008-2009 *Herberger Theater Addition*, Applied Research Collaborative, with Darren Petrucci and William Heywood
- 2007-2009 *Reaching Grid Parity using BP Solar Crystalline Silicon Technology*, Solar American Initiative Grant, with BP Solar, Harvey Bryan FAIA, and Darren Petrucci
- 2008 [Academia Challenging Practice, NCARB Prize](#), Applied Research Collaborative studio, with Darren Petrucci, William Heywood
- 2006-2007 *Scottsdale Cultural Mapping Project*, Scottsdale Public Art Program, with Darren Petrucci and Alfred Sanft
- 2005-2006 Valley Metro Bus Rapid Transit Bus Stop Shading Project, with TransSystems and Darren Petrucci
- 2005-2006 *Comfort Zones at Terminal 2 of Phoenix Sky Harbor International Airport*, with Tri-Core Engineering, Dr. Kamil Kaloush, and Darren Petrucci
- 2004 *7th Avenue Streetscape Project*, City of Phoenix Neighborhood Services and 7th Avenue Merchants Association (SAMA)

Invited Lectures, Juries, Interviews, Presentations (Abbreviated)

- Spring 2026 Invited guest speaker on virtual reality for architecture and learning environments during “Wednesday Afternoon Enrichment” at the Herberger Young Scholars Academy (HYSA), West Campus of ASU
- Summer 2025 Invited guest speaker on the [Tea with Taz \(Taz Khatri Studios\) podcast, “Design Education is Changing Amid Political Upheaval”](#)

- Summer 2025 Invited lecture on sustainability in the built environment for the Nanzan University sustainability program within Global Launch at the Tempe Campus of ASU
- Spring 2024 ASU News article, [“ASU Architecture Students Collaborate with Palestinian Peers: Center of Building Innovation Hosts Cross-Cultural Climate Futures Exchange”](#), written by Mary Beth Faller with photos by Charlie Leight
- Fall 2024 Invited Lecture on energy in the built environment with high school students in the ASU Preparatory Academy micro school on the Tempe Campus
- Summer 2023 Interview for Green Living Magazine article, [“Earthship Homes: The Return Journey”](#) by David Brown
- Fall 2022 Panelist speaker on *Frenemies? Climate Change and Infrastructure*, within the SUSTAIN conference at the TENWEST Impact Festival in Tucson, Arizona, with fellow panelists, Julie Engel, CEO of the Greater Yuma Economic Develop Corp; Heath Vescovi-Chiordi, Director of Economic Development for Pima County; and panel moderator Chris Mazzarella, Project Manager for Economic Initiatives at the City of Tucson. I served at the request of Vice President, Grace O’Sullivan and Associate Vice President, Dave White
- Fall 2022 Panelist speaker for the ASU Center of Real Estate Theory & Practice’s council breakfast meeting on *Climate Change-Oriented Behavioral Modification in the Built Environment: ESG, Climate Action Plans, the Inflation Reduction Act*, with fellow panelists, Dr. Kristen Parrish, and Colin Tetrault of Ernst & Young
- Fall 2022 Invited Lecture on connecting partnership-driven research with graduate level design studios for The Design School at ASU committee on Research and the Knowledge Enterprise.

- Fall 2022 Panelist speaker to the SmithGroup Client Advisory Board, on the *Future of People, Planet, and Performance*, with fellow panelists: Hetal Lee of JLL, Kelly Colón of AllSteel, and moderated by Matt Dumich of SmithGroup
- Fall 2022 Panelist speaker on *Green Building Innovations* for the ASU student chapter of the United States Green Building Council (USGBC), with fellow panelists: Associate Professor Thomas Seager, and architects: Robert Cannavino of Studio Ma, and Andrew Marriott of Architekton
- Fall 2021 Invited Guest Lecture in *ARC 111: Architecture of Architecture*, with Dr. Marc J. Neveu
- Spring 2021 Public Lecture, *Back to the Future: Passive and Active Solar Energy in the Built Environment*, Center for Research Innovation and Design (CRID) Spring 2021 Webinar Series at the School of Architecture, Art, and Design (SAAD) of the American University in Dubai (AUD)
- Summer 2020 Public Lecture and Panel Discussion, *Designing The Future of Architecture & Design Careers*; with Manisha Phadke, Director of the School of Design at Narsee Monjee Institute of Management Studies (NMIMS); Dr. Satyaki Sarkar, Head of Architecture at Birla Institute of Technology (BIT) Mesra; and Suneet Mohindru, Founding Principal of Oracles Landscape Design, Planning & Conservation and Visiting Professor at the School of Planning and Architecture (SPA) Delhi
- Spring 2020 Invited Review Jury, Advanced IV Architecture Studio; Columbia University Graduate School of Architecture, Planning, and Preservation (GSAPP), completed remotely via web conference
- Spring 2020 Advisor and Interviewee for *The Evolution of Campus* a nationwide study by DLR Group in response to the COVID-19 global pandemic
- Spring 2020 Public Lecture, *Supporting Indian Students*, Arizona State University, with Holly Singh and Dr. Patrick Phelan
- Fall 2019 Public Lecture, *Preparing Your Architecture Portfolio*, Ansal University, Sushant School of Architecture, Gurugram, Haryana, India

- Fall 2019 Public Lecture, *Transformative Agency in Architecture*, MS Ramaiah Institute of Technology, School of Architecture, Bengaluru, Karnataka, India
- Fall 2019 Public Lecture, *Passive Solar Architecture*, Rashtreeya Vidyalaya College of Architecture (RVCA), Bengaluru, Karnataka, India
- Fall 2019 Public Lecture, *Transformative Agency in Architecture*, BMS School of Architecture, Bengaluru, Karnataka, India
- Fall 2019 Public Lecture, *Passive Solar Architecture*, Anna University, Chennai, Tamil Nadu, India
- Fall 2019 Public Lecture, *Transformative Agency in Architecture*, Bharath Institute of Higher Education and Research (BIHER) Department of Architecture, Chennai, Tamil Nadu, India
- Fall 2019 Public Lecture, *Passive Solar Architecture*, Sri Venkateswara College of Architecture, Hyderabad, Telangana, India
- Fall 2019 Public Lecture, *Transformative Agency in Architecture*, The Institute of Chartered Financial Analysts of India (ICFAI) University, Hyderabad, Telangana, India
- Fall 2019 Public Lecture, *Passive Solar Architecture*, Jawaharlal Nehru Architecture and Fine Arts University (JNAFAU), Hyderabad, Telangana, India
- Fall 2019 Public Lecture, *Preparing Your Architecture Portfolio*, Navrachana University in Vadodara (NUV), Gujarat, India
- Fall 2019 Public Lecture, *Passive Solar Architecture*, Sardar Vallabhai Patel Institute of Technology (SVIT) College of Architecture, Gujarat University, Anand, Gujarat, India
- Fall 2019 Public Lecture, *Transformative Agency in Architecture*, Rizvi College of Architecture, Mumbai, Maharashtra, India

- Spring 2019 Invited Review Jury, Advanced Architectural Studio II; School of Architecture, *North Carolina State University College of Design*, Raleigh, North Carolina
- Spring 2019 Public Lecture, *Transformative Agency in Architecture*, Nirma University, School of Architecture, Ahmedabad, Gujarat, India
- Fall 2018 Invited Review Jury, Architecture Studio III, *Taubman College of Architecture + Urban Planning*, University of Michigan; Ann Arbor, Michigan
- Summer 2018 [*Can School Architecture Protect Children?*](#) KJZZ public radio interview with Steve Goldstein
- Summer 2018 [*Adapting Learning Spaces for a Culture of Safety*](#) ASU Now interview with Suzanne Wilson, part of a series on *Investigating Gun Violence from Many Angles*
- Summer 2018 Public Lecture, *Design Innovations in Precast Concrete*, Precast Concrete Institute (PCI) Foundation Professors Seminar, Washington University in Saint Louis, Missouri
- Spring 2018 Public, Maxfield Memorial Lecture, *Transformative Agency in Architecture*, Department of Architecture + Interior Design, Miami University, Oxford, Ohio
- Fall 2017 Invited Review Jury, Advanced Design Studio, *Pratt Institute School of Architecture*, New York, New York
- Spring 2017 Invited Review Jury, Advanced Architecture Studio II, *Department of Architecture + Interior Design*, Miami University, Oxford, Ohio
- Spring 2015 Invited Review Jury, Architectural Design Studio II, *University of Southern California (USC) School of Architecture*, Los Angeles, California

- Spring 2010 Invited Review Juries, Bachelor of Architecture Thesis and *Patterned Fields of Memory*, Architecture Studio III, Virginia Polytechnic Institute (VA Tech) School of Architecture + Design
- Spring 2006 Conference Presentation, *User-Alterable Learning and Teaching Environments*, Modular Building Institute (MBI) World of Modular Expo, Indianapolis, Indiana
- Fall 2004 Conference Presentation, [Appealing to the Masses or Serious Play with Blocks](#), with Terry J. Surjan, ACADIA Conference 2004, University of Waterloo School of Architecture, Waterloo, Ontario, Canada

Teaching Experience (Abbreviated Selection)

- 2026-present *ARC 302: Architecture Studio II*, newly developed course content and coordination for both the in-person and online modalities of the Bachelor of Science in Design (BSD), Architectural Studies program
- 2023-present *ARC 662: Architectural Practice* for both the in-person and online modalities of the Master of Architecture at ASU, delivering required National Architectural Accrediting Board (NAAB) SC.2 Professional Practice content to all Master of Architecture students at ASU. This course will launch in the Spring of 2024.
- 2023-present *ARC 494/598: Alternative Practice for Architects* (in development) elective course for both graduate and undergraduate Architecture students (and open to students of the built environment as well) who are interested in career opportunities beyond the traditional path to professional licensure using the skillset of trained architects. This course will launch in the Fall of 2024.

- 2022-present ARC 501: *Advanced Architecture Studio I*, (in-person 2022-2024, and online 2025-present) delivering required National Architectural Accrediting Board (NAAB) SC.5 Design Synthesis and SC.6 Building Integration content, under the coordination of Felipe Mesa (2022-2023), Phil Horton (2024) and Ian Dickenson (2025-present)
- 2024-2025 *ARC 402: Architecture Studio IV*, topical studio coordinated with colleagues at An-Najah National University in Nablus, as part of the *Design Futures Exchange* (formerly *Climate Futures Exchange*) research partnership
- 2022-2024 *Introduction to the Built Environment* course for ASU Preparatory Academy (high school) students, with Dr. Marc J. Neveu and ASU Prep colleagues: Joshua Scott, Trista Zobitz, and Megan Hanley
- 2023 ARC 502: *Advanced Architecture Studio II*, co-coordinating and delivering required National Architectural Accrediting Board (NAAB) SC.5 Design Synthesis and SC.6 Building Integration content, with fellow coordinator Tom Hartman
- 2015-present ARC 484/ARC 584/ARC 598: *Architectural Experience/ Internship* instruction and professional mentorship to undergraduate and graduate architecture students at ASU
- 2014-2022 ADE 522: *Advanced Architectural Studio II*, delivering required NAAB Realm C: Integrative Design content to Master of Architecture students at Arizona State University
- 2016-2022 ARP 584: *Professional Practice*, delivered required NAAB Realm D: Professional Practice content to all Master of Architecture and Master of Urban Design degree students at ASU

- 2021 ADE 521: *Advanced Architectural Studio I, The Expansion Game*, with Felipe Mesa, Elizabeth Mclean, Amit Upadhye, and Claudio Hapenciuc
- 2017-2019 *Barrett Summer Scholars Design Elective*, Summer high school program, with the Barrett Honors College and Educational Outreach and Student Services (EOSS)
- 2015-2019 ADE 592/APH 499: Individualized Instruction, *Discipline Architecture Journal* student editing team
- 2015-2019 *Design Primer*, Summer high school program, with various colleagues in The Design School
- Fall 2017 ADE 421: *Architectural Studio III, Green Futures Exchange* with Dr. Harvey Bryan, as well as Dr. Mutasim Baba and Dr. Sameh Monna from An-Najah National University (ANNU) in Nablus, Palestine
- Summer 2016 APH 300: *World Architecture History/Western Cultures* with Dr. K. Paul Zygas
- 2012-2015 ATE 242: *Introduction to Building Systems, Architectural Construction*
- Fall 2014 ATE 451: *Building Systems I, Passive Building Systems* with Dr. Omar Al-Hassawi
- Summer 2014 ALA 235: *Introduction to Computer Modeling, 3D Modeling*
- Fall 2012 ADE 621: *Advanced Architectural Studio III, Global Engagement Studio*, Study Abroad to Madrid, Spain for *Solar Decathlon Europe*
- 2008-2012 ADE 622: *Advanced Architectural Studio IV, Applied Research Collaborative*, with Dr. William Heywood and Darren Petrucci

2004-2008 Studio Teaching under the coordination of full-time faculty and other teaching responsibilities, including: ADE 120, ALA 221/222, ADE 321/322, ADE 422, ADE 498, ADE 511, ADE 593, ATE 590, and MUD 522

Independent Research or Project Chair, Advisor, Mentor, or Committee Member

2025-2026 Faculty Mentor; Abi Colvard, Herberger Young Scholars Academy (HYSA)

2024-2025 Independent Project Chair; Silas Berga, Reid Kirane, Lily Lambert, Ruben Sanchez; BuildingsNEXT Competition and Exhibition in Denver, CO (formerly Solar Decathlon Design Competition)

2024-2025 Thesis Chair, Sarah Hickey, Master of Architecture

2024-2025 Barrett Honor Thesis Committee Member, Andrew Miller, Bachelor of Science in Construction Technology and Management; Chaired by Tim Becker

2023-2025 PhD Defense Committee Member, Neelima Geetha Archana Madasu, Doctor of Civil Engineering, Sustainable Materials; Chaired by Elham Fini

2023-2024 Thesis Chair, Claire Hinchman and Jackson Flagal, Master of Architecture

2022-2024 Thesis Advisor to Bethany Murphy-Snodrass, Master of Science in Design (MSD), led by Thesis Chair Dr. John Takamura

Spring 2023 Thesis Chair, Logan Mizuba, Barrett Honors Thesis

Spring 2023 Thesis Chair, Ali McAuliff, Barrett Honors Thesis

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| 2022 | Competition Faculty Advisor for the Urban Land Institute (ULI) Hines Competition, for Master of Architecture (M.Arch) students Yasmine Ben Abdelkader and Johnson Joseph Jeyakumar, Master of Urban and Environmental Planning (MUEP) student Mihir Sriram Aranala, Master of Sustainability Solutions (M.Sus) student Richard Hauck, and Master of Industrial Design (MID) student Vincent Lay |
| Spring 2022 | Thesis Chair, Arik Spaulding, Master of Architecture |
| Spring 2021 | Thesis Chair, Slade Sheaffer, Master of Architecture |
| Spring 2021 | Thesis Chair, Shristi Ojha, Master of Architecture |
| Spring 2021 | Thesis Chair, Siddhartha Verma, Master of Architecture |
| Spring 2020 | Thesis Chair, Nathan Hays, Master of Science in Biomimicry + Master of Architecture |
| Spring 2020 | Thesis Chair, Niti Patadia, Master of Science in Construction Management + Master of Architecture |
| Spring 2020 | Thesis Chair, Dalal Altassan, Master of Interior Architecture + Master of Architecture |
| Spring 2019 | Independent Research Advisor, Anthony Svelto, Master of Science in the Built Environment + Master of Architecture |
| Spring 2017 | Independent Research Advisor, Sara Deghani, Master of Science in the Built Environment + Master of Architecture |
| Fall 2016 | Applied Project Advisor, Eduardo Robles, Master of Architecture |
| Spring 2016 | Independent Research Advisor, Jacob Wilhelm, Bachelor of Science in Design, Architectural Studies |
| Spring 2016 | Thesis Chair, Chandler Willie, Master of Architecture |

Spring 2015 Thesis Chair, Angela Lufkin, Barrett Honors Thesis

Fall 2013 Design/Build Research Advisor, *Solar Decathlon* Team

Spring 2013 Independent Research Advisor, John Cribbs, Master of Architecture

Spring 2013 Thesis Chair, Paul Giordano, Barrett Honors Thesis

Fall 2012 Independent Research Advisor, Annie Ruehl, Master of Science in the Built Environment

Summer 2012 Design/Build Research Advisor, *X-Square Competition* Team

Spring 2012 Thesis Chair, Kyle Barrett, Barrett Honors Thesis

Design/Build Student Project Awards

2014 American Society of Landscape Architects, Arizona Chapter [2014 Student Excellence Award](#), “The Landscape Strategy of SHADE” for the Solar Decathlon house, Ali Abbaszadegan (Bachelor of Science Landscape Architecture, Master of Architecture)

2013-2014 *X-Scape* Design/Build Project, Faculty Advisor to students Aaron Choi (BSD Architectural Studies), Brett Berger (BS Landscape Architecture), Christine Phu (BA Fiber Arts), Diego Velasquez (BS Landscape Architecture), and Kimberly Stevenson (BA Music Education)

[Architizer A+ Awards, Student Design/Build Popular Winner](#)

American Society of Landscape Architects National Students Award

Azure Magazine, AZ Awards Finalist, A+ Student Work

Professional Memberships

- 2004-present Member, Carbon Leadership Forum (CLF) NGO / Government Roundtable
- 2014-present Member, Association of Collegiate Schools of Architecture (ACSA), Arizona State University (#264470)
- 2004-present Associate AIA Member (#38472114), American Institute of Architects, Arizona Component
- 2003-2020 Member, Construction Specifications Institute (CSI) Phoenix Chapter
- 1999-2001 Member, Construction Specifications Institute (CSI) St. Louis Chapter

Professional Practice Experience (Abbreviated Selection)

2004-2014 Architecture-Infrastructure-Research (A-I-R), led by Darren Petrucci, Scottsdale, Arizona

- 2011-2014 *Ghost Wash House*, Paradise Valley, Arizona
American Institute of Architects (AIA) National Housing Award
[ARCHITECT Magazine](#)
[ArchDaily](#)
[Dezeen](#)
- 2011-2014 *Diapause House*, Portal, Arizona
- 2009 *Live/Work/Sleep/Dream Machine*, DesignBoom, Santa Monica, California
- 2008 *Cool Ground*, Scottsdale Museum of Contemporary Art (SMOCA), Scottsdale, Arizona

- 2007-2008 *B-Side, Flip-a-Strip National Competition* (jury selected finalist)
- 2006-2008 *VH R-10 gHouse, Martha's Vineyard, Massachusetts*
- 2004-2006 *User-Alterable Learning and Teaching Environments*
- 2003-2004 e[CV] Opera Publica, led by Claudio Vekstein, Tempe, Arizona**
- 2003-2004 *Experimental Glass House in the Desert, Phoenix, Arizona*
- 1998-2002 RGB Architectural Group, led by Robert Bohlman, Kankakee, Illinois**
- 2000-2002 *Intergenerational Care Center, Provena Medical Services, Kankakee, Illinois*
- 2001 *Weber Center, Olivet Nazarene University, Bourbonnais, Illinois*
- 2001 *Toltec Steel Services Manufacturing Facility and Offices, Kankakee, Illinois*
- 1999-2000 *Reed Hall of Science Addition, Olivet Nazarene University, Bourbonnais, Illinois*
- 1998-1999 *Saint Mark's Lutheran Church Addition, Kankakee, Illinois*

Personal Student Honors

- 2003 Commencement Honors, Arizona State University
- 2001-2003 Studio projects selected for Arizona State University archives and accreditation reviews

- 2000 Selected by faculty for urban design research committee at Southern Illinois University at Carbondale; invited to Yale University annual urban design symposium
- 1997-2001 Studio projects selected for Southern Illinois University archives and accreditation reviews

Personal Student Activities

- 2003 Finalist, *Learning the Hard Way*, ArchVoices National Essay Competition
- 2001-2003 Member, American Institute of Architectural Students (AIAS), Arizona State University
- 2002 Honorable Mention, *Spontaneous Accumulation*, Pentagon Memorial Competition
- 2001 Teaching Assistant, *Le Petit Grand Tour D'Architecture V* Study Abroad, with Dr. Jon Davey, Southern Illinois University at Carbondale
- 2000 Student Committee Representative, *Next Cities: Urban Design Symposium* at Yale University
- 1999-2001 Member, Construction Specifications Institute (CSI), Saint Louis Missouri Chapter