

Curriculum Vitae

Susannah Dickinson

EDUCATION, PROFESSIONAL REGISTRATION

EDUCATION

- 2015 - present **European Graduate School**, EGS, Saas-Fee, Switzerland
PhD Candidate in Architecture and Urbanism (coursework completed)
Seminar Faculty: Philip Beesley, Benjamin H. Bratton, Mladen Dolar, Keller Easterling, Christopher Fynsk, Geert Lovink, Sanford Kwinter, Neil Leach, Casey Reas, François Roche, Slavoj Žižek and Alenka Zupancic.
- 1996 - 1998 **California State Polytechnic University**, Pomona, California, USA
Master of Architecture; Thesis: *Technology and Nature*, Chair: Hsinming Fung
- 1988 - 1989 **University of Oregon**, Eugene, Oregon, USA
Architecture Study Abroad Program, (awarded through the University of Liverpool, England)
- 1984 - 1987 **University of Liverpool**, Liverpool, England
Bachelor of Arts in Architecture (with honors).

PROFESSIONAL REGISTRATION

- 2008 - present **National Council of Architectural Registration Boards** (NCARB)
Certification granted through completion of qualifying education, Intern Development Program (IDP) and all divisions of the Architect Registration Examination (ARE); Certificate #65022
- 2016 - present **License to Practice Architecture, State of Arizona**
Through NCARB Certificate, Registration#63200
- 2008 - 2016 **License to Practice Architecture, State of New York**
Through NCARB Certificate, Registration#032822
- 2006 - 2015 **License to Practice Architecture, State of California**
Through qualifying education, ARE exams and oral examination, Registration #30648

ACADEMIC EMPLOYMENT

- 2009 - present **School of Architecture, University of Arizona**, Tucson, AZ
Associate Professor with tenure, 2015-present
Assistant Professor, tenure-track, 2009-2015
Faculty Advisor, MS.Arch Urban Design and Independent Concentrations, 2020-present
Chair MS.Arch Urban Design, 2017-2020
Chair MS.Arch Independent Research Option, 2016-2019
- 2009 **Yale School of Architecture**, New Haven, CT
Parametric Workshop Instructor, (CATIA/digital project), co-taught with Frank Melendez

PROFESSIONAL EMPLOYMENT/COLLABORATIONS

- 2021 - present **Adaptive Environments Design Lab, AEDL**, Tucson, AZ
One of four co-directors, with Dr. Aletheia Ida, Kirk Dimond and Dr. Shujuan Li. A collaboration of architecture and landscape architecture faculty and students who engage in research and learning across shared tools, techniques, and methods that informs and improves designs for dynamic cohabitation between the built and natural environment.
- 2016 - present **Susannah Dickinson Architect**, Tucson, AZ
Principal
Project Architect / Lead Designer on several local residential projects and Heemee Coffee+Bakery (with David Mitchell Kim)
- 2008 - 2010 **M+D, Melendez+Dickinson**, NYC, NY + Tucson, AZ
Co-Founder and Partner with Frank Melendez
Parametric façade design and consultation on the Ordos Museum, Inner Mongolia for MAD Architects, Beijing, China.
- 2006 - 2008 **SHoP Architects PC**, NYC, NY
Project Architect / Lead Designer
Led teams in several Leadership in Energy and Environmental Design Projects (LEED) and led one of the first projects to use a Revit Building Information Model (BIM) with consultants. Projects included: The Rector Street Bridge 2 (two iterations), NYC, NY; The Boardroom, Hermosa Beach, CA; Hoboken Dry Docks, Hoboken, NJ; The Nomad Hotel, NYC, NY and the Governor's Island Master Plan, NYC, NY

- 2004 - 2006 **Pelli Clarke Pelli Architects**, New Haven, CT
(Previously Cesar Pelli and Associates)
Project Architect
Projects included the Public Realm and Site 12 for the Liverpool One Project; Remaking a City Center, Liverpool, England; Parc de La Luz; Palmas de Gran Canaria, Gran Canaria, Spain and The Connecticut Science Center, Hartford, CT. USA
- 1999 - 2004 **Gehry Partners, LLP**, Los Angeles, CA
(Previously Frank O.Gehry and Associates)
Intermediate Architect, 2001-4
Junior Architect, 1999-2001
One of the first employees to gain experience with the parametric version of CATIA software. Projects included: The Lewis Library, Princeton, NJ; The Museum of Tolerance, Jerusalem, Israel; MIT Stata Center, Boston, MA and The Walt Disney Concert Hall, Los Angeles, CA.
- 1987 - 1988 **Conran + Partners**, London, England
(Previously Conran Roche)
Junior Designer
SD of a mixed-use development, Butlers' Wharf, London, England. CD/CA experience on Cinnamon Wharf, London, England.

HONORS AND AWARDS

- 2021-2022 **Biosphere 2 Faculty Innovative Teaching Fellow**
Adaptive Environments Design Lab (AEDL) selected to be one of 6 university-wide awards.
Selected UArizona Fellows receive a stipend and teaching support to include Biosphere 2 in their existing courses or to develop new courses, or connections to other student engagement opportunities (\$5k stipend)
- 2018 **ARCHITECT Sloan Studio Prize**
One of 6 most innovative academic studios in North America, for Capstone San Francisco Section (AY 2017/2018). Sloan Award recognizes sustainable water conservation and management. \$20,000 total prize money + \$5,000 for Sloan Prize (to students)
https://www.architectmagazine.com/awards/studio-prize/sloan-award-capstone-san-francisco-section_o
Jury: Yolande Daniels, Eric Owen Moss and Jennifer Yoos.
- 2015 **Santa Fe Institute**
Selected to be participant in Winter School on Complex Systems, at IISER Mohali, India (Indian Institute of Science, Education and Research) Dec 7-21 (2 weeks)
- 2015 - 2016 **Busan International Architectural Design Workshop (BIADW), Busan, South Korea**
Selected to be one of 14 International Tutors for Design Workshop (one week paid honorarium)
- 2014 **ACSA/AIAS New Faculty Teaching Award**
This award from the Association of Collegiate Schools of Architecture (ACSA) and the American Institute of Architecture Students (AIAS) honors faculty who have demonstrated excellence in teaching performance during the formative years of their architectural teaching career (one of 3 annual awards given to faculty in the USA and Canada)
- 2013 **The Chinese University of Hong Kong, CUHK, China**
Invited Academic Visitor (one week paid honorarium)
- 2011 **National Endowment for the Humanities, NEH, USA**
Summer Institute; *Rethinking the Land Ethic: Sustainability and the Humanities*, Flagstaff, Arizona, USA, June 20 - July 15 (4 weeks paid honorarium + travel). Organized by Dan Shilling and Joan McGregor, Arizona State University; Faculty: Bryan Norton, Simon Ortiz, Bron Taylor and Julianne Lutz Warren.
- 2010 **Architectural Association, AA School of Architecture, London, England**
Visiting Teachers Program, May 24 - June 11 (3 weeks)
- 2005 **Parc de La Luz**, Palmas de Gran Canaria, Gran Canaria, Spain
Invited competition, awarded first place prize with Cesar Pelli and Associates and Balmori Associates
- 2004 **The Connecticut Science Center**, Hartford, CT
Invited competition, awarded first place prize and commission with Cesar Pelli and Associates
- 1999 **American Institute of Architects, (AIA)**
Henry Adams Fund AIA School Medal for excellence in the study of Architecture

SERVICE/OUTREACH

SERVICE/OUTREACH: NATIONAL/INTERNATIONAL

- 2020-present **Association of Collegiate Schools of Architecture, ACSA/EAAE Teachers Conference**
Abstract Reviewer

- 2019-2021 **Architectural Research Centers Consortium, ARCC 2021 Performative Environments**
 Conference Planning Committee Member for 2021 ARCC Annual Conference held at CAPLA, University of Arizona (virtual conference)
 Panel and Paper Session Moderator
- 2020 **Technology | Architecture and Design (TAD)**
 Paper Reviewer
- 2016-2018 **Critical Practice in an Age of Complexity: An Interdisciplinary Critique of the Built Environment.**
 Invited sole lead and organizer from the University of Arizona with AMPS (Architecture, Media, Politics, Society) <https://architecturemps.com/> for an International Conference at CAPLA, University of Arizona, 2018. <http://architecturemps.com/arizona/>
 Invited lead and co-editor of conference proceedings and related follow-up book
 Paper Session Moderator and Paper/Abstract Reviewer
- 2016 - present **AMPS (Architecture, Media, Politics, Society)**
 Mediated City Research Team member
- 2014 **Smart and Sustainable Built Environment Journal (SASBE)**
 Paper Reviewer
Journal of King Saud University, Saudi Arabia
 Paper Reviewer
- 2013 **Simulation for Architecture and Urban Design, SimAUD**
 Annual Conference Session Chair
Editorial Book Review
 Provided book review services for CRC Press, Taylor and Francis Group for *Architecture Follows Nature: Biomimetic Principles for Innovative Design* by Ilaria Mazzoleni in collaboration with Shauna Price.
- 2012 **Association of Collegiate Schools of Architecture, ACSA**
 Annual Conference Paper Reviewer
- 2011 - 2014 **Association for Computer Aided Design in Architecture, ACADIA**
 Board of Directors (elected), 2011-2013
 Officer; secretary (appointed), 2013
 Annual Conference 2014 Paper Reviewer
 Annual Conference 2013 Panel Moderator and Paper Reviewer
 Annual Conference 2012+2013 Student Scholarship Committee Member
 Annual Conference 2012 Awards Committee Member

SERVICE/OUTREACH: LOCAL/STATE

- 2022 **Arizona AIA State Conference 2022, Inspire, Phoenix, AZ**
 Invited Interviewee/speaker for Kerenza Harris (Morphosis) session.
- 2020 - 2024 **Design Review Board, City of Tucson, AZ**
 Appointed registered architect member of City of Tucson Board (one of five members).
- 2009 **The American Institute of Architects, AIA**
 Design Awards; Albuquerque, New Mexico, Juror

SERVICE/OUTREACH: COLLEGE

- 2022 - present Vice-Chair of Council of Faculty Members, CFM (elected)
- 2022 Committee Member for Five-Year Review of Director Lauri Macmillan Johnson (invited)
 Search Committee Member for the Emerging Faculty Fellowship (invited)
 College Faculty Status Committee (CFSC), College level P&T review
- 2021 - 2022 Council of Faculty Members, CFM (elected)
- 2020 *Building a Changing World: Leading through Influence*. Invited moderator of interactive panel with CAPLA Futures Council members and select CAPLA Faculty
- 2019 - 2021 College Grassroots Teaching SEED Grants Committee Reviewer
- 2016 - 2020 College Faculty Status Committee (CFSC), College level P&T and CT reviews
- 2012 University of Arizona Downtown, UAD Studio Professor
- 2011 - 2014 Software Workshops, *Beyond Basics*, co-founded with Lecturer Annie Kurtin
- 2010 Organized 3-day Rhino Grasshopper Software Workshop with Zach Downey from SHoP Architects PC

SERVICE/OUTREACH: DEPARTMENT

2021 - 2022	Digital and Physical Resources Committee, Chair (elected)
2019 - 2021	Academic Events Committee (elected)
2018 - 2020	Digital Technology Committee (elected)
2018 - 2019	B.Arch Optimization Paths Research Paths, Co-Chair (appointed)
2017 - 2021	Curriculum Committee, representing the MS.Arch degrees (2017-2020), Design Communication Stream (2020-2021) (elected)
2017 - 2022	Faculty Mentor, Altif Engineer, PhD (appointed)
2017 - 2020	Graduate Executive Committee (appointed)
2017	B.Arch Research Paths (P3), Chair (appointed) MS. Arch Urban Design Task Force, Chair (appointed) School strategic planning committee (appointed)
2016 - 2018	Faculty Status Committee (FSC), School level P&T and CT reviews and annual performance reviews
2014	Set up new student exchange with Liverpool University Architecture Department, UK. Worked with Liverpool University, UA CAPLA Associate Dean Mary Hardin and the UA Office of Global Initiatives to facilitate this
2012 - 2013	Master of Architecture Admissions Committee (appointed)
2011 - 2015	American Institute of Architect Students, AIAS Portfolio charrette critic
2011 - 2012	Adjunct Faculty Mentor, Annie Kurtin (appointed) Scholarship Committee Member (appointed)
2010 - 2011	Curriculum Committee; Undergraduate and Graduate, Co-Chair, (elected)
2009 - 2013	Curriculum Committee; Undergraduate and Graduate, representing the Design Communication Stream (elected)
2010 - 2011	Faculty Search Committee, (two positions) (appointed)
2009 - 2010	Faculty Search Committee, (three positions) (appointed)

MEMBERSHIPS + PROFESSIONAL AFFILIATIONS

2011 - present	University of Arizona, Institute for Resilient Environments and Societies, AIRES
2010 - 2015	Association for Computer Aided Design in Architecture, ACADIA
2009 - present	Association of Collegiate Schools of Architecture, ACSA Van Alen Institute, NYC, NY
2008 - present	Women in Architecture, WIA, NYC, NY
2007 - present	Autodesk User Group International (AUGI)
2010 - 2011	Architectural Association, London, England

PUBLICATIONS

INVITED PEER-REVIEWED EDITED BOOKS

2020	Bean, J., Dickinson, S., Ida, A., (Eds) <i>Critical Practices in Architecture: The Unexamined</i> , Cambridge Scholars Publishing; UK, Spain and Germany. Foreword by Jane Rendell. 33.3% co-editor
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INVITED PEER-REVIEWED EDITED CONFERENCE PROCEEDINGS

2018	Bean, J., Dickinson, S., Ida, A., (Eds) <i>Critical Practice in an Age of Complexity: An Interdisciplinary Critique of the Built Environment</i> , AMPS Conference Proceedings Series 11. ISSN 2398-9467. 33.3% co-editor. Based on AMPS Conference at the University of Arizona 22-23 February, 2018. Series Editor: Dr. Graham Cairns.
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INVITED PEER-REVIEWED BOOK CHAPTERS

2013	Dickinson, S. "Creating Mental Agility," in <i>Unconventional Computing: Design Methods for Adaptive Architecture</i> edited by Rachel Armstrong and Simone Ferracina. Cambridge, Ontario, Canada: Riverside Architectural Press, 2013, 192-5. Stand-alone book, plus part of the ACADIA 2013 Conference Proceedings.
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DOUBLE-BLIND PEER-REVIEWED JOURNAL ARTICLES, SELECTED BY FULL PAPER

2014	Dickinson, S. "Bio-logics: critical impact approaches in trans-disciplinary urban design for arid regions," in the Journal of King Saud University, Architecture and Planning (KSU-A&P), Volume 26, Issue 2, July 2014. Issue on "Energy at the Intersection between Design and Building Science in Hot Arid Regions," 93-104.
2013	Dickinson, S. "Balance in Control: The Case of an Urban Design Studio at the University of Arizona," IJAR, International Journal of Architectural Research, Volume 7, Issue 1, March 2013, 74 – 85.

2011 Dickinson, S. "The Appropriate Balance between Digital and Analog Techniques," Design Principles and Practices: An International Journal. Vol. 5, Issue 4, 467-74.

DOUBLE-BLIND PEER-REVIEWED ARTICLES, SELECTED BY FULL PAPER

- 2022 Davila, C., Dickinson, S., Hyatt, J. and Owen, S. "Optimized Design and Fabrication of Economical Curved Metal Facades" The Association of Collegiate Schools of Architecture, ACSA 110th Annual Meeting EMPOWER 2022, Conference Proceedings, 25% co-author
- 2021 Dickinson, S. and Ida, A. "Dynamic Interscalar Methods for Adaptive Design Futures" Sociedad Iberoamericana De Grafica Digital, SIGraDi 2021, Designing Possibilities, Conference Proceedings, 41-53, 50% co-author.
- Dickinson, S. and Ida, A. "Climate Change and Design: Multiscalar Design Research in the Sonoran Desert." The Architectural Research Centers Consortium, ARCC, *Performative Environments*, Conference Proceedings, 499-506, 50% co-author.
- Dickinson, S. "The Complexity of the Built and Natural Environments" AMPS, *The City and Complexity: Life, Design and Commerce in the Built Environment*, Conference Proceedings Series 19.2, 80-87. ISSN 2398-9467
- 2018 Parmar, R. and Dickinson, S. "Critical Wikihouse: Connecting GIS Data to Site and Tiny Home Design." The Architectural Research Centers Consortium and European Association for Architectural Education, ARCC - EAAE 2018 International Research Conference, *Architectural Research for a Global Community*, Conference Proceedings, 406-14. 50% co-author.
- 2017 Dickinson, S. "Design as an Adaptive Time-scape." Kine[sis]tem 2017: From Nature to Architectural Matter International Conference Proceedings, 305-13.
- 2015 Dickinson, S. "Hybrid Connections: Computational Mapping Methodologies for Mexico City," The 2015 bi-annual International Conference of the CAAD Futures Foundation, The Next City Conference Proceedings, 99-111.
- 2014 Dickinson, S. and Wachter, S. "Nature as a Comprehensive Model: a biomimetic installation," The 19th International Conference of the Association of Computer-Aided Architectural Design Research in Asia, CAADRIA, *Rethinking Comprehensive Design: Speculative Counterculture*, 2014 Annual Conference Proceedings, 627-36. 50% co-author.
- Dickinson, S. "Integrated Digital Pedagogy," The 7th International Conference of the Arab Society for Computer Aided Architectural Design, ASCAAD, *Digital Crafting: Virtualizing Architecture and Delivering Real Built Environment*, 2014 Annual Conference Proceedings, 263-70.
- 2013 Dickinson, S., Gonzalez, D. and Szostek, K. "Isomorphic City: a customizable future scenario," SimAUD 2013, the 4th Annual Symposium on Simulation for Architecture and Urban Design, Conference Proceedings, 183-91. 33% co-author.
- Dickinson, S. "Biomimetic Performance," The Architectural Research Centers Consortium (ARCC) 2013 Architectural Research Conference, *The Visibility of Research*, Annual Conference Proceedings, 449-56.
- 2012 Dickinson, S. "Sustainable Design Processes," PLEA 2012 (Passive and Low Energy Architecture), 28th International PLEA Conference, *Opportunities, Limits and Needs: Towards an environmentally responsible architecture*, Annual Conference Proceedings.

DOUBLE-BLIND PEER-REVIEWED ARTICLES, SELECTED BY EXTENDED ABSTRACT

- 2023 Dickinson, S. "Transcalar Material Matters Pedagogy". The Association of Collegiate Schools of Architecture and the European Association for Architectural Education, ACSA/EAAE, Teachers Conference: *Educating the Cosmopolitan Architect*, Conference Proceedings (accepted/publication forthcoming)
- 2021 Dickinson, S. and Ida, A. "Temporal Boundaries: Multiscalar Dynamic Modeling Techniques for Climate Change and Design." The Association of Collegiate Schools of Architecture and the European Association for Architectural Education, ACSA/EAAE, Teachers Conference: *Curriculum for Climate Agency: Design (in) Action*, Conference Proceedings, 50% co-author.
- 2014 Dickinson, S. and Wachter, S. "Cellular Noise: an installation using biomimetic principles," The 2nd International Conference on Biodigital Architecture & Genetics Conference Proceedings, 168-76. 50% co-author
- 2011 Dickinson, S. "Architecture and Biological Systems," Association of Collegiate Schools of Architecture, ACSA Annual National Teachers Seminar, *Performative Practices: Architecture and Engineering in the Twenty-First Century*, Conference Proceedings, 9-15.
- Dickinson, S. "Digital Design Communication," National Conference on the Beginning Design Student, NCBDS 27, *Beginning of In the End*, Conference Proceedings, 186-93.

DOUBLE-BLIND PEER-REVIEWED PROJECTS/POSTERS

- 2021 Modrek, A., Dickinson, S., Dimond, K. and Ida, A. "Classification of Natural Plant Physiology, Behavior and Morphology to Inform an Adaptive Architecture," The Architectural Research Centers Consortium, ARCC, *Performative Environments*.
- 2013 Dickinson, S., Gonzalez, D. and Szostek, K. "Isomorphic City: a customizable future scenario," The 18th International Conference of the Association of Computer-Aided Architectural Design Research in Asia, CAADRIA, *Open Systems*, 2013 Annual Conference Proceedings, 735-8 (reviewed project and extended abstract) 33% co-author.
- Dickinson, S., Gonzalez, D. and Szostek, K. "Responsive City," The Architectural Research Centers Consortium, ARCC 2013

Architectural Research Conference, *The Visibility of Research*, Annual Conference Proceedings, 729. (reviewed abstract for poster). 33% co-author.

2012 Dickinson, S. "Biomimetic Explorations," ACSA 100th Annual Meeting, *Digital Aptitudes*, Project Proceedings, ACSA Press, 37. (reviewed poster)

INVITED ARTICLES

2012 Abrams, M., Dickinson, S. and Perkl, R., "Arizona Challenge 2.0," Trend Report article, August 2012 Issue. 33% co-author. <http://trendreportaz.com/>

PUBLICATIONS BY OTHERS ABOUT RECENT WORKS AFFILIATED WITH THE COLLEGE

2019 Arizona Public Media article on Sloan Prize <https://news.azpm.org/p/news-topical-arts/2019/4/12/149622-ua-architecture-grads-forecast-future-effects-of-climate-change/>

UA News Article on Sloan Prize <https://uanews.arizona.edu/story/capla-studio-honored-studio-prize-sloan-award>

2018 Architect Sloan Studio Prize Publication. Architect Magazine hard copy, September Issue and online article, https://www.architectmagazine.com/awards/studio-prize/sloan-award-capstone-san-francisco-section_o

2014 ACSA Awards Book featuring received 2013-2014 ACSA/AIAS New Faculty Teaching Award, 24-5 <http://acsa-arch.org/programs-events/awards/archives>

ACSA Press Release regarding 2013-2014 ACSA/AIAS New Faculty Teaching Award <http://acsa-arch.org/programs-events/awards/archives/2014-awards-press-release>

2013 suckerPUNCH publication on biomimetics elective installation, Cellular Noise: <http://www.suckerpunchdaily.com/2013/05/28/cellular-noise/#more-29871>

2012 University of Arizona, UA News article on Arizona Challenge 2.0, published May 22, 2012. <http://uanews.org/story/ua-students-compete-arizona-challenge-20>

Arizona Foothills Magazine article on the Arizona Challenge 2.0 <http://www.arizonafoothillsmagazine.com/tucson/tucson-features/4109-the-arizona-challenge-20.html>

Two Worlds Community Foundation article on the Arizona Challenge 2.0 <http://twoworldsfoundation.org/index.php/2012/04/26/the-arizona-challenge-2-0/>

2011 Arizona Challenge web-site, announcing winners of Challenge 1.0. <http://thearizonachallenge.org/>

Arizona Foothills Magazine article on the Arizona Challenge 1.0 <http://www.arizonafoothillsmagazine.com/living/50-architecture/2668-valley-architect-seeks-to-inspire-design-students.html>

University of Arizona Leo (Landscape Evolution Observatory) article on Biosphere 2 Project <http://leo.b2science.org/node/36>

PUBLICATIONS BY OTHERS ABOUT PROJECTS ASSOCIATED WITH M+D (MELENDEZ+DICKINSON)

2014 *Masterplanning the Adaptive City* edited by Tom Verebes. Routledge, New York, NY, 2014, p.248-52. Article on the Ordos Museum, by MAD Architects, listed in credits.

2012 Arcspace article on the Ordos Museum, by MAD Architects, listed in credits. <http://www.arcspace.com/features/mad-/ordos-museum/>

Archdaily article on the Ordos Museum, by MAD Architects, listed in credits. <http://www.archdaily.com/211597/ordos-art-city-museum-mad-architects/>

2011 Dezeen Magazine article on the Ordos Museum, by MAD Architects, listed in credits. <http://www.dezeen.com/2011/12/13/ordos-museum-by-mad/>

2010 - present MAD Architects website: listed in credits for Ordos Museum. http://www.i-mad.com/#works_details?wtid=4&id=33

SELECTED BOOK BY OTHERS ABOUT PROJECTS WITH SHoP ARCHITECTS PC, (listed in credits).

2012 *SHoP Out of Practice*, New York, NY: Monacelli Press, 2012

SELECTED BOOKS BY OTHERS ABOUT PROJECTS WITH GEHRY PARTNERS LLP, (listed in credits).

2009 *Frank O. Gehry since 1997*, Milan, Italy: Germano Celant, Skira Editore Publishers, 2009

2006 *Frank Gehry 1987-2003*, Madrid, Spain: El Croquis, 2006

2004 *Gehry Draws*, edited by Mark Rappolt and Robert Violette. Cambridge, Mass: MIT Press, 2004

2003 *Frank Owen Gehry – Flowing in all Directions*, Los Angeles, CA: Circa Publishing, 2003

2003 *Symphony – Frank Gehry's Walt Disney Concert Hall*, New York, NY: Harry N. Abrams, Inc., 2003

MEDIA: EXHIBITS

EXHIBITIONS ABOUT RECENT WORKS AFFILIATED WITH THE COLLEGE

- 2016 *Complexity Experiences* exhibit Sundt Gallery, CAPLA, one week, November 2016
- 2014 *Bento Shell* exhibit in Busan, Korea, with Cruz Crawford (B. Arch 2012) and David Kim (B. Arch 2014). 33% co-author. BUGAIK (Busan Ulsan Gyeongnam Chapter of Architectural Institute of Korea) International Architecture Exhibition is an architectural exhibition that presents current trends in contemporary design. <http://www.bugaik-exhibit.org/> (November 2014)
- 2013 *Cellular Noise*, installation exhibit from Biomimetics seminar class at the Mercado San Agustin, Tucson AZ. Exhibit was up for one week, culminating in the American Institute of Architecture Students (AIAS) Annual Beaux Art Ball, May 4th 2013
- 2011 – present Biosphere 2, AZ. Exhibit design for *LEO Project* (Landscape Evolution Observatory). Exhibit included fabricated model and images of proposed long term inter-disciplinary experiment which will predict how the water cycle responds to climate change.
- 2011 *Data Scape*; a biomimetic surface, and Performative Porosity, exhibit from Biomimetics seminar class at the College of Architecture, Landscape Architecture and Planning, University of Arizona, Tucson, AZ (one week – May 2011)
- 2009 – 2012 *Digital Design Communication*, yearly exhibit from Design Communication II lab and lecture class in the Sundt Gallery at the College of Architecture, Landscape Architecture and Planning, University of Arizona, Tucson, AZ (one week, December)

EXHIBITIONS CURATED BY OTHERS ABOUT PROJECTS WITH GEHRY PARTNERS, LLP

- 2008 “Skin and Bones: Parallel Fashions in Fashion and Architecture”, Somerset House, London, England
- 2006 – 2007 “Skin and Bones: Parallel Fashions in Fashion and Architecture”, MOCA, Los Angeles, CA
- 2003 – 2004 “Frank Owen Gehry: Work in Progress” MOCA, Los Angeles, CA
- 2001 – 2002 “Frank Gehry, Architect” Guggenheim Museum, Bilbao, Spain
- 2001 “Frank Gehry, Architect” Guggenheim Museum, NYC, NY

CONFERENCES/SCHOLARLY PRESENTATIONS

INVITED LECTURES/PRESENTATIONS

- 2022 “Transcalar Pedagogy in the Southwest USA,” individual presentation as part of a three person panel titled, Cultural Environments with More-than-Human Perspectives, for the Related Systems Thinking and Design Symposium, RSD 11, October 13-16th, University of Brighton, UK.
- 2022 “The Complexity of the Environment: Designing for Life,” invited interactive presentation for RESTRUCT, 11th-15th April, University of Arizona, Tucson AZ
- 2021 “Architectural Matter in the Fourth Industrial Revolution,” invited guest lecture for Dan Hoffman’s Arc 496b, Material Matters Seminar, University of Arizona, Tucson, AZ.
- 2020 – present “Architecture in the Fourth Industrial Revolution,” invited guest lecture for Lisa Schrenk’s Arc 220, History of Building Technology Class, University of Arizona, Tucson, AZ.
- 2013 “Architecture’s Biological Analogies,” invited public lecture at The Chinese University of Hong Kong (CUHK), Hong Kong, China. Lecture was part of a week-long participation as an Academic Visitor to the school.
- “From Representation to Simulation,” invited lecture for Patrick Hwang’s seminar on Architectural Theory and Criticism at The Chinese University of Hong Kong (CUHK), Hong Kong, China. Lecture was part of a week-long participation as an Academic Visitor to the school.
- “Digital Façade Construction,” invited lecture for David Newton’s graduate seminar, Building Envelope Design, McGill University, Montreal, Canada (lecture conducted by skype).
- 2012 – 2014 “Biomimetics,” invited guest lecture for Colby Moeller’s Research Methods Graduate Seminar, University of Arizona, Tucson, AZ.
- 2012 “Comprehensive Architectural Design,” invited lecture at the California College of the Arts, CCA, San Francisco, CA.
- 2011 “Rethinking the Land Ethic in Architecture; current and future projects,” invited lecture during the NEH, Summer Institute; *Rethinking the Land Ethic: Sustainability and the Humanities*, Northern Arizona University, Flagstaff, AZ.
- 2010 “Research and Teaching Trajectories at the University of Arizona,” invited lecture during the Visiting Teachers Program, Architectural Association, AA School of Architecture, London, England.
- 2009 “Digital Performative Design,” invited lecture at the New Jersey Institute of Technology, NJIT, Newark, NJ.
- 2008 “Parametric Digital Design Processes,” invited lecture for Miles Ritter’s graduate seminar, Computing and Imaging, Princeton

University, Princeton, NJ.

“SHoP; Digital Fabrication,” invited lecture for John Eberhardt’s graduate Survey of Digital Media Sequence, representing SHoP Architects, Yale School of Architecture, New Haven, CT.

ADDITIONAL PEER REVIEWED CONFERENCE PRESENTATIONS, NOT LISTED IN PUBLICATIONS

- 2021 “Climate Change and Design for Resiliency and Adaptation in the Built Environment.” 2021 Symposium on *Resilience Research for Global Development Challenges*, Arizona Institutes for Resilience International Programs, University of Arizona, Tucson, AZ, USA. (reviewed abstract), 50% co-author/presenter with Aletheia Ida
- 2018 “Critical Wikihouse.” AMPS Conference, *Critical Practice in an Age of Complexity: An Interdisciplinary Critique of the Built Environment*. CAPLA, University of Arizona, Tucson, AZ (reviewed abstract) 50% co-author (co-author Rishabh Parmar presented paper)
- 2017 “The Complexity of Environmental Infrastructure.” Conference on Complex Systems, CCS 2017, International Conference, Cancun International Convention Center, Mexico (hosted by UNAM) (reviewed abstract)
- 2016 “Designing for Life,” The 9th International Deleuze Studies Conference, *Virtuality, Becoming and Life*, Tre University, Rome, Italy (reviewed abstract)
- 2012 “Future Cities,” Green Infrastructure Low Impact Development in Arid Environments Conference, AridLID 2012, *Integrated Approaches to Green Infrastructure and Low Impact Development in Arid Environments*, Tucson, AZ. (reviewed poster and abstract)

ADDITIONAL CONFERENCE AND WORKSHOP PARTICIPATION

- 2021 Culturally Responsive Curriculum Development Institute. Offered by University of Arizona Faculty Affairs and HSI Initiatives. One of 22 faculty from 11 colleges selected to thoughtfully redesign an existing course through week long workshops, discussions, and pedagogical practice (\$1k paid honorarium)
Migrant Deaths Workshop (UA online)
- 2020 ACSA Border Consortium Workshop (online)
- 2016 LSE Cities Urban Age Conference, *Shaping Cities*, La Biennale di Venezia, Venice, Italy.
The 9th International Deleuze Studies Camp, *Virtuality, Becoming and Life*, Tre University, Rome, Italy.
- 2015 Conference of the CAAD Futures Foundation, *Computational BIM with Dynamo Workshop*, instructor Michael Kirschner, (Autodesk), Sao Paolo, Brazil
- 2013 *Pedagogy Meets Big Data and BIM Conference*, The Bartlett, University College London, UK.
- 2012 Association for Computer Aided Design in Architecture, ACADIA 2012 Conference Workshop, *GIS Driven Parametric Design* – instructor Nicholas de Monchaux, Associate Professor of Architecture and Urban Design, UC Berkeley.

AWARDED GRANTS AND CONTRACTS

- 2022 **College of Architecture, Planning and Landscape Architecture, University of Arizona**, Tucson, AZ
CAPLA Research Innovation Grant. Co-Pi, \$20,000.00. Adaptive Environments Design Lab (AEDL), 25% with Dr. Aletheia Ida, Kirk Dimond and Dr. Shujuan Li. Budget dedicated to research ‘Linking Design and Science: knowledge innovation towards adaptive socio-environmental ecologies.’
- 2021 - 2022 **Biosphere 2, University of Arizona**, Tucson, AZ.
Biosphere2 Fellows program Co- PI, \$5000.00. Adaptive Environments Design Lab (AEDL), 25% with Dr. Aletheia Ida, Kirk Dimond and Dr. Shujuan Li
- 2020 - 2022 **Asset Development Grant, Tech Launch Arizona**, Tucson, AZ
Collaboration with The Steward Observatory Team led by Dr. Justin James Hyatt to design and build a demonstration project of their new method of shaping precision double curved metal panels at the Biosphere2. Grant funded Steward Observatory Team, material and fabrication and two SoA student employees, Sam Owen and Rachael Varin, approx \$20,000 grant
- 2019 **College of Architecture, Planning and Landscape Architecture, University of Arizona**, Tucson, AZ
CAPLA Teaching Innovation Grant. Co-Pi, \$8000.00. 50%, with Associate Professor Aletheia Ida
Budget dedicated to execute and disseminate ‘Climate Change and Design’ Option Studio
- 2013 **School of Architecture, University of Arizona**, Tucson, AZ
Principal Investigator, \$2500.00. 100%
Budget dedicated to student design-build installation for Biomimetics elective class (Arc 481f/581f)
- 2012 **The Two World’s Community Foundation**, Phoenix, AZ
Co-Pi with Dr. Ryan Perkl (Assistant Professor, School of Landscape Architecture and Planning), \$5000.00. 50%
Two World’s Community Foundation provided support for student awards on the collaboration, the Arizona Challenge 2.0.
Additional funds for printing and public outreach/dissemination were donated by the School of Planning and Landscape Architecture

and CAPLA

- 2011 - 2012 **Native Peoples Technical Assistance Office (NPTAO), University of Arizona**, Tucson, AZ
NPTAO (Claudia Nelson, Director) in collaboration with the Drachman Institute (Marilyn Robinson, Associate Director) provided funding for the design of a privacy screen and general consultation on erosion issues in Arizona (approximately \$20,000.00, included two semesters of .25FTE Research Assistant, Nicholas Johnson. Design involved invaluable input from Larry Medlin, Professor Emeritus). 100%
- 2011 **National Endowment for the Humanities**, NEH, USA
Summer Institute; *Rethinking the Land Ethic: Sustainability and the Humanities*, Flagstaff, Arizona, USA, June 20 - July 15 (4 weeks paid honorarium + travel), \$3,300.00 100%.
- Biosphere 2, University of Arizona**, Tucson, AZ.
Principal Investigator, \$12,854.00 100%
Exhibit design funding for LEO Project (Landscape Evolution Observatory). This long term inter-disciplinary experiment will predict how the water cycle responds to climate change. Funding for student wages, models, renderings, digital fabrication.
- School of Architecture, University of Arizona**.
Principal Investigator, \$1000.00. 100%
Budget dedicated to student design-build installation for Biomimetics elective class (arc 497/597b)

GRANTS AND CONTRACTS PENDING

- 2022 PI: Susannah Dickinson, Architecture. Co-PIs: Dr. Win Burlison (iSchool), Kirk Dimond (Landscape Architecture), Dr. Hee-Jeong Kim (Civil and Architectural Engineering and Mechanics) and Dr. Shujuan Li (Planning), Senior Personnel: Dr. Christopher Castro (Hydrology and Atmospheric Science) Dr. Kamel Didan (Biosystems Engineering) and Dr. Barrett G. Potter (Material Science and Engineering) on NSF Proposal, DISES: Green waste to green architecture: optimizing urban tree systems for renewable construction material supply chains, \$1.6 M. 30%

RECOGNITION OF COLLABORATORS ON GRANTS AND PUBLICATIONS

- 2022 Dr. Win Burlison (iSchool), Dr. Christopher Castro (Hydrology and Atmospheric Science) Dr. Kamel Didan (Biosystems Engineering), Kirk Dimond (Landscape Architecture), Dr. Hee-Jeong Kim (Civil and Architectural Engineering and Mechanics), Dr. Shujuan Li (Planning), and Dr. Barrett G. Potter (Material Science and Engineering) on NSF Proposal
- 2021-present Adaptive Environments Design Lab, one of four co-directors, with Dr. Aletheia Ida, Kirk Dimond and Dr. Shujuan Li
- 2021 Dr. Aletheia Ida, each 50% authors on various publications related to Climate Change and Design Studio dissemination.
- 2020 - present Dr. Justin James Hyatt (PI) and The Steward Observatory Team on Tech Launch Arizona metal panel prototype and dissemination.
- 2020 Dr. Jonathan Bean and Dr. Aletheia Ida, each 33.3% co-editors on *Critical Practices in Architecture: The Unexamined*.
- 2019 Dr. Aletheia Ida, each 50% co-PI on CAPLA Teaching Innovation Grant
- 2018 Dr. Jonathan Bean and Dr. Aletheia Ida, each 33.3% co-editors on AMPs Conference Proceedings.
- Rishabh Parmar (MS.Arch 2018), each 50% co-authors on ARCC paper and AMPS presentation based on developed thesis work.
- 2014 Sheehan Wachter (B.Arch 2013), each 50% co-authors on CAADRIA and BioDigital paper, based on developed student installation, Cellular Noise, for biomimetics elective class.
- 2013 David Gonzalez and Kyle Szostek (B.Arch 2013), each 33% co-authors on SimAUD Paper, CAADRIA Project and ARCC Poster, based on developed student studio work, Isomorphic City.
- 2012 Dr. Ryan Perkl, Assistant Professor CAPLA: 50% co-PI on Arizona Challenge 2.0 grant, funded by The Two World's Community Foundation, School of Landscape Architecture and Planning and CAPLA.
- Meredith Abrams (MS Planning 2013 and Master of Public Health 2014) and Dr. Ryan Perkl, each 33% co-authors on the Trend Report article on the Arizona Challenge 2.0.

Information on Teaching and Advising

EXTENT OF TEACHING AT THE UNIVERSITY OF ARIZONA (does not include independent studies or grad committees)

*indicates new course or substantially altered from previous similarly titled courses.

2023	SPRING : SABBATICAL	
2022	FALL Arc 410f/4510f/601 Design Studio: Climate Change and Design Arc 540c Design Communication III (required grad lab+lecture course)	Enrollment: 14 students, Credits: 6 Enrollment: 16 students, Credits: 3
	SPRING *Arc 498 Material Matters Capstone Studio co-taught with Assistant Professor of Practice Jesus Robles	Enrollment: 18 students, Credits: 6
2021	FALL *Arc 497 Material Matters Capstone Preparation (required seminar) co-taught with Senior Lecturer Sheehan Wachter Arc 540c Design Communication III (required grad lab+lecture course) Arc 341 Techne III (required lab+lecture course) co-taught with Senior Lecturer Sheehan Wachter Arc 601 Design Studio: Climate Change and Design co-taught with Associate Professor Aletheia Ida	Enrollment: 18 students, Credits: 3 Enrollment: 11 students, Credits: 3 Enrollment: 69 students, Credits: 3 Enrollment: 3 students, Credits: 6
	SPRING *Arc 222 Technology I (required lab+lecture course) co-taught with Lecturer Laura Carr Course release for temporary role course prep	Enrollment: 71 students, Credits: 3
2020	FALL *Arc 410f/510f/601 Design Studio: Climate Change and Design co-taught with Associate Professor Aletheia Ida Arc 540c Design Communication III (required grad lab+lecture course) Arc 341 Techne III (required lab+lecture course) co-taught with Senior Lecturer Sheehan Wachter	Enrollment: 20 students, Credits: 6 Enrollment: 6 students, Credits: 3 Enrollment: 72 students, Credits: 3
	SPRING Arc 498 Design Studio: Senior Capstone *Arc 341 Techne III (required lab+lecture course) co-taught with Lecturer Sheehan Wachter	Enrollment: 14 students, Credits: 6 Enrollment: 65 students, Credits: 3
2019	FALL Arc 497 Capstone Preparation (required seminar) Arc 440c_540c Design Communication III (required grad lab+lecture course) Arc 301 Design Studio: Integrations of Place (required studio)	Enrollment: 14 students, Credits: 3 Enrollment: 11 students, Credits: 3 Enrollment: 14 students, Credits: 6
	SPRING Arc 452 Design Studio: Senior Capstone	Enrollment: 10 students, Credits: 6
2018	FALL Arc 498 Capstone Preparation (required seminar) Arc 440c_540c Design Communication III (required grad lab+lecture course) Arc 341 Design Communication II (required lab+lecture course)	Enrollment: 10 students, Credits: 3 Enrollment: 9 students, Credits: 3 Enrollment: 45 students, Credits: 3
	SPRING *Arc 452 Design Studio: Senior Capstone Arc 481/581f Elective: Biomimetics	Enrollment: 16 students, Credits: 6 Enrollment: 12 students, Credits: 3
2017	FALL *Arc 498 Capstone Preparation (required seminar) *Arc 440c_540c Design Communication III (required grad lab+lecture course) Arc 341 Design Communication II (required lab+lecture course)	Enrollment: 16 students, Credits: 3 Enrollment: 9 students, Credits: 3 Enrollment: 63 students, Credits: 3
	SPRING *Arc 451a Design Studio: Advanced Topics, Urban Form	Enrollment: 9 students, Credits: 6

2016	FALL *Arc 510d Design Studio: Advanced Design Studio I *Arc 520d Materials and Methods II (required grad lab+lecture course) Arc 341 Design Communication II (required lab+lecture course)	Enrollment: 12 students, Credits: 6 Enrollment: 11 students, Credits: 3 Enrollment: 41 students, Credits: 3
2015/2016	FALL 2015 + SPRING 2016: SABBATICAL	
2015	SPRING *Arc 452 Design Studio: Senior Capstone	Enrollment: 11 students, Credits: 6
2014	FALL Arc 301 Design Studio: Tectonics (coordinator and taught one section) Arc 341 Design Communication II (required lab+lecture course) *Arc 498 Capstone Preparation (required seminar) SPRING *Arc 451a Design Studio: Advanced Topics, Urban Form Research release from non-studio course	Enrollment: 62 (course), 16 (section), Credits: 6 Enrollment: 60 students, Credits: 3 Enrollment: 11 students, Credits: 3 Enrollment: 7 students, Credits: 6
2013	FALL *Arc 301 Design Studio: Tectonics (coordinator and taught one section) *Arc 341 Design Communication II (required lab+lecture course) SPRING *Arc 402 Design Studio: Advanced Topics Arc 481/581f Elective: Biomimetics	Enrollment: 62 (course), 16 (section), Credits: 6 Enrollment: 61 students, Credits: 3 Enrollment: 14 students, Credits: 6 Enrollment: 12 students, Credits: 3
2012	FALL *Arc 510f Design Studio: Comprehensive Design coordinator of two graduate sections, taught one section Arc 341 Design Communication II (required lab+lecture course) SPRING *Arc 402 Design Studio: Advanced Topics, Urban Form co-convened once a week with Dr. Ryan Perkl's graduate planning geodesign seminar Research release from non-studio course.	Enrollment: 17 (course), 9 (section), Credits: 6 Enrollment: 60 students, Credits: 3 Enrollment: 11 students, Credits: 6
2011	FALL *Arc 451 Design Studio: Advanced Topics, Sustainable Skyscrapers Arc 341 Design Communication II (required lab+lecture course) SPRING *Arc 402 Design Studio: Advanced Topics, Urban Form *Arc 481/581f Elective: Biomimetics	Enrollment: 10 students, Credits: 6 Enrollment: 52 students, Credits: 3 Enrollment: 13 students, Credits: 6 Enrollment: 16 students, Credits: 3
2010	FALL Arc 401 Design Studio: Comprehensive Design Arc 341 Design Communication II (required lab+lecture course) SPRING Arc 202 Design Studio: Performance *Arc 441 Contract Documents (required lab+lecture course) co-taught with Assistant Professor Patrick Hwang	Enrollment: 13 students, Credits: 6 Enrollment: 57 students, Credits: 3 Enrollment: 14 students, Credits: 6 Enrollment: 61 students, Credits: 3
2009	FALL Arc 401 Design Studio: Comprehensive Design *Arc 341 Design Communication II (required lab+lecture course)	Enrollment: 14 students, Credits: 6 Enrollment: 55 students, Credits: 3

INDIVIDUAL STUDENT CONTACT

STUDENT AWARDS UNDER DIRECTION

2022	American Institute of Architects, AIA Design Excellence Winners Jacob Downard, Merit Award (\$300) and Tayler Forsberg Honorable Mention (\$125)(from Arc 498 Material Matters capstone studio, co-taught with Jesus Robles) Capstone Distinguished Projects awarded from visiting capstone jury, Jacob Downard, Tayler Forsberg, Itzel Gamez and Alejandro
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- Rueda (from Arc 498 Material Matters, capstone studio, co-taught with Jesus Robles)
- Ronald R. Gourley Award for Design Excellence, Tayler Forsberg (from Arc 498 capstone studio, co-taught with Jesus Robles)
- 2021 American Institute of Architects, AIA Design Excellence Winner Logan Matos, Merit Award Excellence in Urban Design Strategy (from Arc 410f studio, co-taught with Aletheia Ida)
- 2020 American Institute of Architects, AIA Design Excellence Winner Jerrick Tsosie, \$600 prize, first place in Exhibit for whole school (from Arc 498 capstone studio) and Tran Bui Fourth Best in Exhibit for whole school (from Arc 301)
- Capstone Distinguished Project, awarded by visiting capstone jury, JunrenTan (from Arc 498 capstone studio)
- Ronald R. Gourley Award for Design Excellence, Austin Posner (from Arc 498 capstone studio)
- 2019 Capstone Distinguished Project, Bronze Medal Jeremy Goodman (from Arc 452 capstone studio)
- Ronald R. Gourley Award for Design Excellence, Jeremy Goodman (from Arc 452 capstone studio)
- Rick Joy Prize, "The Identifying Mind" Jeremy Goodman \$2000 prize (from Arc 452 capstone studio)
- 2018 ARCHITECT Sloan Studio Prize, One of 6 most innovative academic studios in North America, for Capstone San Francisco Section (AY 2017/2018). Sloan Award recognizes sustainable water conservation and management. \$20,000 total prize money + \$5,000 for Sloan Prize. Jury: Yolande Daniels, Eric Owen Moss and Jennifer Yoos. students: Luyi Huang, Morgan Oster and Kate Stuteville published and winning projects
- The University of Arizona Capstone Award (voted on by entire architecture faculty)— Jeffrey Moser (from Arc 452 capstone studio)
- Rick Joy Prize, "The Architectural Mind" Andrew Kraut, \$1000 prize (from Arc 452 capstone studio)
- Capstone Distinguished Projects, awarded by visiting capstone jury, Kate Stuteville (section award) and Jeffrey Moser (complete class award)(2 of 4 awards given, 3 sections) (both from Arc 452 capstone studio)
- American Institute of Architects, AIA Design Excellence Winner Morgan Oster, Best in Exhibit, \$150 prize. Jeffrey Moser, Best of the Best, \$550 prize (both from Arc 452 capstone studio)
- 2017 Innovative Minds 2017: Cybernetic Framework International Competition, Honorable Mention – Luyi Huang (from Arc 451a studio)
- American Institute of Architects, AIA Design Excellence Winner and Merit Award – Haru Ishikawa (from Arc 510d studio)
- 2015 The University of Arizona Capstone Award (voted on by entire architecture faculty)— Joseph DiMatteo (from Arc 452, capstone studio)
- Capstone Distinguished Projects, awarded by visiting capstone jury, Joseph DiMatteo and Bernardo Teran (2 of 5 awards given, 4 sections) (both from Arc 452 capstone studio)
- American Institute of Architects, AIA Design Excellence Winner – Baisen Jin (from Arc 301 studio)
- 2014 eVolo Skyscrapers 2 – Limited Edition Book, publisher EVOLO Inc., NY, NY. Featuring project, "Radio Tower II" by Cruz Crawford— (from Arc 451 studio)
- American Institute of Architects, AIA Design Excellence Winner – Alex Mayer (from Arc 301 studio)
- 2013 University of Arizona Student Showcase, Architecture, Planning and Landscape Architecture:
1st Place Graduate, Kang Zhou – *Human assisted thermoregulation for buildings-a holistic approach to lessons learned from the thermoregulation of honey bee colonies*, \$250 prize. (Thesis chair)
- ACADIA 2013 Conference, Association for Computer Aided Design in Architecture, Blind Peer-Reviewed Design Poster acceptance and exhibit, published as part of the ACADIA Conference Proceedings, 395-6. Authors - David Kim and Christopher Pela, *Aqua Lung* (from Arc 402 studio work).
- Lyceum Competition 2013. *Here and Now: a Call to Action*. National Student Design Competition.
3rd Place Finish, \$1500 prize - David Kim (from Arc 402 studio work).
- 2012 University of Arizona Student Showcase, Architecture, Planning and Landscape Architecture:
1st Place Undergraduate, Rene Corella, Marco Juliani and David Corcoran – Habitat Continuum: Arroyo Architecture, \$250 prize (from Arc 402 studio work)
- 2nd Place Undergraduate, David Gonzalez and Kyle Szostek – Isomorphic City, \$125 prize (from Arc 402 studio work)
- American Institute of Architects, AIA Design Excellence Winner – David Gonzalez and Kyle Szostek – Isomorphic City (from Arc 402 studio)
- The Arizona Challenge 2.0 Student Design Competition. Faculty Advisor with Dr. Ryan Perkl (CAPLA – Planning Faculty) (from Arc 402 studio and Dr. Perkl's planning geodesign seminar)
- 1st Place, Gold Award- \$2500 prize – Team '20 Minute City' by Meredith Abrams, Nada Asadullah and Anh Luc.
- 2nd Place, Silver Award- \$1250 prize – Team 'Recipro[city]' by Daniel Aros and Brian Underwood.
- 3rd Place, Bronze Award- \$750 prize – Team 'Desert Sponge' by Mitch Edwards, Elizabeth Lorenz and Alex Zee.
- Honorable Mention – Team 'Isomorphic City' by David Gonzalez and Kyle Szostek.

d3 Natural Systems Exhibit and Publication, Gallery MC, NYC, NY

Two student teams selected to exhibit, first team: Cruz Crawford and Sheehan Wachter, second team; Tyler Jorgenson, Kevin Moore and Andre Rodrigue (previous Arc 402 based student work)

- 2011 American Institute of Architects, AIA Design Excellence Winner – Cruz Crawford – Prosthetic Record (from Arc 451 studio)
University of Arizona Student Showcase, Architecture, Planning and Landscape Architecture;
1st Place Graduate, Nicholas Johnson – Renegotiating the Interface between the Built and Natural Environments, \$250 prize (Thesis chair). Katherine B. Willock Library Research Award: Nicholas Johnson – Renegotiating the Interface between the Built and Natural Environments, \$1000 prize (Thesis chair).
The Arizona Challenge International Student Design Competition: Ignite, Create, Rethink the Future of Our Desert Cities. Faculty Advisor with Dr. Ryan Perkl (CAPLA – Planning Faculty) (both from Arc 402 studio)
Desert Bronze Award, 3rd Place, \$1500 prize – Dana Decuzzi and Aaron Leggett (Harvest Arizona Team)
Honorable Mention – Cruz Crawford and Sheehan Wachter (Arid Systemics Team)

COLLABORATIONS WITH STUDENTS ON RESEARCH PROJECTS

- 2020-2022 Two student employees, Sam Owen and Rachael Varin, to help with Steward Observatory collaboration, via UA TechLaunch Grant
- 2011-2012 Two semesters of .25FTE Research Assistant, Nicholas Johnson. Hired to work on the design of a privacy screen and general consultation on erosion issues in Arizona for the Native Peoples Technical Assistance Office (NPTAO) in collaboration with the Drachman Institute, University of Arizona.
- 2009-present Various Independent Studies taught with more directed focus on research/project development and dissemination. Led to various collaborative blind peer-reviewed articles and projects.

CAREER+GRADUATE STUDIES COUNSELING

Direct Employment Assistance

- 2020 Joseph DiMatteo, assisted with securing permanent, full-time position at Gehry Partners, LLP, Los Angeles, CA
- 2019 Casey Kell, assisted with securing permanent, full-time position at Gehry Partners, LLP, Los Angeles, CA
- 2018 Jeffrey Moser, assisted with securing permanent, full-time position as computational designer at Grimshaw Architects, New York, NY
- 2017 Cruz Crawford, assisted with securing permanent, full-time position at Gehry Partners, LLP, Los Angeles, CA
Morgan Nestegard, assisted with securing internship with Rob Paulus Architects Ltd, Tucson, AZ
- 2014 Christopher Pela, assisted with securing winter internship with Rick Joy Architects, Tucson, AZ. (Led to permanent, full-time position upon graduation).
- 2013 David Kim, assisted with securing summer internship with SHoP Architects PC, NYC, NY
Paul Frederickson, assisted with securing permanent, full-time position with SHoP Construction Services LLC, NYC, NY
Elizabeth Lorenz, assisted with securing permanent, full-time position upon graduation with Gehry Partners, LLP, Los Angeles, CA
Christopher Pela, assisted with securing summer internship with Rob Paulus Architects Ltd, Tucson, AZ
- 2012 David Kim, assisted with securing summer internship with Leong Leong, NYC, NY
Jongwoo Kim, assisted with securing permanent, full-time position upon graduation with Rob Paulus Architects Ltd, Tucson, AZ
Kyle Szostek, assisted with securing summer internship with Rob Paulus Architects Ltd, Tucson, AZ
- 2011 Cruz Crawford, assisted with securing part-time position with Aranda\Lasch, Tucson, AZ + NYC, NY
Tyler Jorgenson, assisted with securing summer internship with SHoP Architects PC, NYC, NY. (Led to permanent, full-time position upon graduation).
Jeremy Shough, assisted with securing summer internship with Aranda\Lasch, Tucson, AZ + NYC, NY.
Sheehan Wachter, assisted with securing summer internship with Aranda\Lasch, Tucson, AZ + NYC, NY. (Led to permanent, full-time position upon graduation).
- 2010 Tyler Jorgenson, assisted with securing summer internship with Urban A&O, NYC, NY

Indirect Employment Assistance

- 2015 Joseph DiMatteo, permanent, full-time position upon graduation with Michael Maltzan Architects, Los Angeles, CA.
- 2014 Kenneth Lowe, permanent, full-time position upon graduation with Rob Paulus Architects Ltd, Tucson, AZ
Joseph Miranda, summer internship with SHoP Architects PC, NYC, NY
- 2013 Casey Kell, summer internship with Adam Wheeler Design, Los Angeles, CA.

Letters of Recommendation/Portfolio advising leading to enrollment in graduate programs and research positions

- 2021 Lichao Wang, admission Fall 2021, for Master of Urban Design at the University of Toronto, Canada.

- 2020 Evan Robledo, admission Fall 2021 for M.Arch at Ohio State University
- 2020 Junren Tan, admission Fall 2020, for M.Arch at the University of Miami, Florida.
- 2019 Luyi Huang, admission Summer 2019, for M.S Advanced Architectural Design degree at Columbia University GSAPP, New York, NY.
- 2018 David Kim, admission Fall 2018, for M.Arch degree at Harvard University GSD, Cambridge, MA. (half scholarship).
- Dulce Arambula, admission Fall 2018, for Strategic Urban Design Graduate Studio with the NOW Institute, UCLA, Los Angeles, led by Thom Mayne and Eui-Sung Yi.
- Kate Stuteville, admission Fall 2018 to MS. Fiction and Entertainment led by Liam Young, SCI-Arc, Los Angeles
- Anh Luc, admission Fall 2018 to Graduate Program at Taliesin West, Scottsdale, Arizona.
- Marco Juliani, admission Fall 2018 to the Architectural Computation MSc/MRes Program at the Bartlett, UCL, London, UK
- 2017 Sulaiman Alothman, admission Summer 2017, for MDes degree in Technology at Harvard University GSD, Cambridge, MA.
- 2015 Nada Asadullah, admission Fall 2015, for MS Program In Architecture at Pratt Institute, NY.
- Canaan Martin, admission Spring 2015, for MS Program In Space Architecture at the University of Houston, TX.
- Sulaiman Alothman, admission Summer 2015, for Summer Research Position at MIT, Cambridge, MA
- 2014 Sulaiman Alothman, admission Fall 2014, Master of Architecture Emergent Technologies and Design (M.Arch EmTech) Program at the Architectural Association (AA), London, UK
- 2013 Estefania Vasquez, admission Fall 2013, Master of Landscape Architecture (MLA), University of Arizona, AZ
- 2012 Karen Costello, admission Fall 2012, Master of Landscape Architecture (MLA), University of Arizona, AZ
- Brittany Wong, admission Fall 2012, Master of Architecture (M.Arch), Penn State, PA with full scholarship

OFF CAMPUS ACTIVITIES

- 2021-2022 Capstone studio field trip to various sites in northern and southern Arizona.
- 2019-2020 Capstone studio field trip to New York, NY.
- 2018-2019 Capstone studio field trip to Los Angeles, CA.
- 2017-2018 Capstone studio field trip to San Francisco, CA.
- 2016-2017 Arc 451a studio field trip to Los Angeles, CA.
- 2014-2015 Capstone studio field trip to Los Angeles, CA
Arc 301 studio field trip to Seattle, WA
- 2013-2014 Arc 451a studio field trips to Nogales/San Ignacio and Mexico City, Mexico
Arc 301 studio field trip to San Francisco, CA
- 2012-2013 Arc 402 studio field trips to Los Angeles, CA and New York, NY
- 2011-2012 Arc 402 studio field trips to Los Angeles and San Francisco, CA
- 2010-2011 Arc 402 studio field trips to Los Angeles and San Francisco, CA

THESES DIRECTED/COMMITTEES

- 2022 MS.Arch Thesis Committee member for Felipe Florentino
MS.Arch Thesis Committee member for Wen Xie
- 2021 MS.Arch Thesis Committee member for Andrew Pappos
- 2020-2021 MS.Arch Thesis Chair for Ashwaq Jundus
Microclimate and Urban Geometry in Tucson, Arizona and their effect on energy consumption.
MS.Arch Thesis Committee member for Anahita Modrek
- 2019-2020 MS.Arch Thesis Committee member for Maryam Moradnejad
- 2018-2022 PhD Committee member for Gregory Chism, Entomology and Insect Science GIDP, University of Arizona.
*The Influence of Nest Architecture on the Ant *Temnothorax Rugatulus**
- 2018-2019 MS.Arch Thesis Committee member for Ryan Schindler
MS.Arch Thesis Committee member for Samira Mivehchian
- 2017-2018 MS.Arch Thesis Chair for Rishabh Parmar;
Architecture of the Anthropocene
MS.Arch Thesis Committee member for Fatemeh Sharaf Zadeh
- 2014-2015 MLA Thesis Committee member for Estefania Vasquez

- 2013-2014 MS.Arch Thesis Chair for Kang Zhou;
Calculation and conceptual design of a hydro unit of a newly designed evaporative cooler utilizing water droplets for evaporation
- MS.Arch Thesis Committee member for Anas Abu Khadra
- 2011-2012 MS.Arch Thesis Chair for Nicholas Johnson;
Renegotiating the interface between the built and natural environments
- MLA Thesis Committee Member for Mohammad Askarzadeh
- 2010-2011 MS.Arch Thesis Committee Member for Nicholas Johnson, Michael Ritzenthaler and John Waller.
- 2009-2010 Capstone Committee Member for: Kara Eberle, Nicholas Johnson, Kaveh Namazyfard and Nicholas Shrier