

# 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  
Faculty Advisor, MS.Arch Urban Design and Independent Concentrations, 2020 - present  
Associate Professor with tenure, 2015 - present  
Chair MS. Arch Urban Design, 2017 - 2020  
Chair MS.Arch Independent Research Option, 2016 - 2019  
Assistant Professor, tenure-track, 2009-2015

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. <https://www.adaptive-environments-design-lab.org/>  
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 Heeme 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)
- 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)
- 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](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

- 1996 - 1998 **California State Polytechnic University**, Pomona, CA  
Digital Media in Architecture Award, 1998  
Outstanding First Year Award, 1996-7
- 1987 **Timber Research and Development Association (TRADA)**, UK  
Winner of TRADA student design competition while at the University of Liverpool
- 1986 **National Trust**, UK  
Second place in National Trust student design competition while at the University of Liverpool, with Shaun Cains

## SERVICE/OUTREACH

### SERVICE/OUTREACH: NATIONAL/INTERNATIONAL

- 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 **Association of Collegiate Schools of Architecture, ACSA/EAAE Teachers Conference**  
Curriculum for Climate Agency: Design (in)Action, Abstract Reviewer  
**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/>  
One of co-editors of conference proceedings and related 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
- 2011 **Design Principles and Practices: An International Journal**  
Associate Editor (paper reviewer), Volume 5, Issue 4 and 6
- 2020 - 2024 **SERVICE/OUTREACH: LOCAL/STATE**  
**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
- 2022 - present **SERVICE/OUTREACH: COLLEGE**  
Vice-Chair of Council of Faculty Members, CFM (elected)
- 2022 Evaluation Committee Member for Five-Year Review of Director Lauri Macmillan Johnson (invited)
- 2022 Evaluation Search Committee Member for the Emerging Faculty Fellowship (invited)

- 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 - present 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 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, Altaf Engineer, PhD (appointed)
- 2017 - 2020 Graduate Executive Committee (appointed)
- 2017 B.Arch Research Paths (P3), Chair (appointed)
- 2017 MS. Arch Urban Design Task Force, Chair (appointed)
- 2017 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)
- 2011 - 2012 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 of the Environment Affiliated Faculty (now Arizona Institutes for Resilience, AIR)
- 2010 - 2015 Association for Computer Aided Design in Architecture, ACADIA
- 2009 - present Association of Collegiate Schools of Architecture, ACSA
- 2009 - present 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) *Critical Practices in Architecture: The Unexamined*, Cambridge Scholars Publishing; UK, Spain and Germany. Foreword by Jane Rendell. 33.3% co-editor

#### **INVITED PEER-REVIEWED EDITED CONFERENCE PROCEEDINGS**

- 2018 Bean, J., Dickinson, S., Ida, A., (Eds) *Critical Practice in an Age of Complexity: An Interdisciplinary Critique of the Built Environment*, 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.

#### **INVITED PEER-REVIEWED BOOK CHAPTERS**

- 2013 Dickinson, S. "Creating Mental Agility," in *Unconventional Computing: Design Methods for Adaptive Architecture* 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.
- 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, 50% co-author.
- 2021 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, 50% co-author.
- 2021 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.
- 2014 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.
- 2013 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 ABSTRACT**
- 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.
- 2011 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.
- 2013 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 ARTICLE**
- 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/>
- 2019 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](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>
- 2014 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>
- 2012 Arizona Foothills Magazine article on the Arizona Challenge 2.0 <http://www.arizonafoothillsmagazine.com/tucson/tucson-features/4109-the-arizona-challenge-20.html>
- 2012 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/>
- 2011 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>
- 2011 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/>
- 2012 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](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
- 2002 *Frank O. Gehry: 13 Projects after Bilbao*, GA Document 68, Tokyo, Japan: A.D.A. EDITA Tokyo, 2002

## **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 Scope*; 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 “The Complexity of the Environment: Designing for Life,” invited pre-recorded presentation for RESTRUCT with the prompt, ‘In what ways does your research re-envision how we might construct or think about the design of our built environment differently?’ shown 11th-15th April on the UA Mall Alumni Plaza, 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.
- 2013 “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.
- 2013 “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.

2008 "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.

**PEER REVIEWED CONFERENCE PRESENTATIONS, BASED ON PAPERS AND ABSTRACTS**

- 2022 "Optimized Design and Fabrication of Economical Curved Metal Facades" The Association of Collegiate Schools of Architecture, ACSA 110th Annual Meeting EMPOWER 2022, Conference hosted by USC, 25% co-author with Christian Davila, Justin Hyatt and Sam Owen, 100% presenter (online conference)
- 2021 "Dynamic Interscalar Methods for Adaptive Design Futures" Sociedad Iberoamericana De Grafica Digital, SIGraDi 2021, Designing Possibilities, Conference Georgia Tech Research Institute and Universidade Federal de Juiz de Fora, Brazil (reviewed abstract and full paper) 50% co-author/presenter with Aletheia Ida (online conference).
- 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 (online conference).
- 2021 "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*, Pratt Institute and the Oslo School of Architecture and Design (AHO) (reviewed abstract), 50% co-author/presenter with Aletheia Ida (online conference).
- 2021 "Climate Change and Design: Multiscalar Design Research in the Sonoran Desert." The Architectural Research Centers Consortium, ARCC, Conference *Performative Environments*, University of Arizona, Tucson, AZ, USA. (reviewed abstract and full paper) 50% co-author/presenter with Aletheia Ida (online conference).
- 2020 "The Complexity of the Built and Natural Environments" AMPS Conference, *The City and Complexity: Life, Design and Commerce in the Built Environment*, City University, London, UK (reviewed abstract) (online conference)
- 2018 "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*, Temple University, Philadelphia, PA, USA (reviewed abstract and paper) 50% co-author (co-author Rishabh Parmar presented paper)
- 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)
- 2017 "Design as an Adaptive Time-scape." Kine[sis]tem 2017: From Nature to Architectural Matter International Conference, ISCTE-IUL School of Architecture, Lisbon, Portugal (reviewed abstract and full paper)
- 2016 "Designing for Life," The 9th International Deleuze Studies Conference, Virtuality, Becoming and Life, Tre University, Rome, Italy (reviewed abstract)
- 2015 "Hybrid Connections: Computational Mapping Methodologies for Mexico City," The 2015 bi-annual International Conference of the CAAD Futures Foundation, *The Next City*, Sao Paulo Museum of Art, MASP, Brazil, organized by UNICAMP, USP and Mackenzie Universities (reviewed abstract and full paper)
- 2014 "Cellular Noise: an installation using biomimetic principles," The 2nd International Conference on Biodigital Architecture & Genetics Conference, ESARQ School of Architecture, Universitat Internacional de Catalunya (UIC) Barcelona, Spain (reviewed abstract) 50% co-author with Sheehan Wachter
- 2014 "Nature as a Comprehensive Model: a biomimetic installation," CAADRIA 2014, the 19th International Conference of the Association of Computer-Aided Architectural Design Research in Asia, *Rethinking Comprehensive Design: Speculative Counterculture*, Kyoto Institute of Technology, Kyoto, Japan (reviewed abstract and full paper) 50% co-author with Sheehan Wachter
- 2014 "Integrated Digital Pedagogy," ASCAAD 2014, the 7th International Conference of the Arab Society for Computer Aided Architectural Design, *Digital Crafting: Virtualizing Architecture and Delivering Real Built Environment*, Effat University, Jeddah, Kingdom of Saudi Arabia. (reviewed abstract and full paper) (pre-recorded presentation)
- 2013 "Isomorphic City: a customizable future scenario," SimAUD 2013, the 4th Annual Symposium on Simulation for Architecture and Urban Design, San Diego, CA, USA. 33% co-authored with David Gonzalez and Kyle Szostek (reviewed abstract and full paper).
- 2013 "Biomimetic Performance," The Architectural Research Centers Consortium (ARCC) 2013 Architectural Research Conference, *The Visibility of Research*, University of North Carolina at Charlotte, USA. (reviewed abstract and full paper)
- 2012 "Sustainable Design Processes," Passive and Low Energy Architecture, PLEA, 2012, 28th International PLEA Conference, *Opportunities, Limits and Needs: Towards an environmentally responsible architecture*, Pontificia Universidad Catolica del Peru, Lima, Peru. (reviewed abstract and full paper)



- 2011 “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*, Parsons The New School for Design, New York, NY. (reviewed abstract)
- 2011 “Digital Design Communication,” National Conference on the Beginning Design Student 27, *Beginning of/In the End*, University of Nebraska, Lincoln. (reviewed abstract)
- PEER REVIEWED CONFERENCE PRESENTATIONS, BASED ON PROJECTS/POSTERS**
- 2013 “Isomorphic City: a customizable future scenario,” CAADRIA 2013, the 18th International Conference of the Association of Computer-Aided Architectural Design Research in Asia, *Open Systems*, National University of Singapore, Singapore. 33% co-authored with David Gonzalez and Kyle Szostek (reviewed project and extended abstract) (co-author David Gonzalez made the presentation).
- 2013 “Responsive City,” The Architectural Research Centers Consortium (ARCC) 2013 Architectural Research Conference, *The Visibility of Research*, University of North Carolina at Charlotte, USA. 33% co-authored with David Gonzalez and Kyle Szostek (reviewed poster and abstract).
- 2012 “Biomimetic Explorations,” Association of Collegiate Schools of Architecture, ACSA 100th Annual Meeting, *Digital Aptitudes*, MIT, Boston, Mass. (reviewed poster and 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 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.
- 2016 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.
- 2010 - 2013 Association for Computer Aided Design in Architecture, ACADIA (attended annual conferences, various locations in USA and Canada)

## 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%.
- 2011 **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.
- 2011 **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)

## RECOGNITION OF COLLABORATORS ON GRANTS AND PUBLICATIONS

- 2021- present Adaptive Environments Design Lab, One of four co-directors, with Dr. Aletheia Ida, Kirk Dimond and Dr. Shujuan Li
- 2021- present 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.
- 2018 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.
- 2012 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.

<b>2022</b>	<b>SPRING</b> *Arc 498 Material Matters Capstone Studio co-taught with Assistant Professor of Practice Jesus Robles	Enrollment: 18 students, Credits: 6
<b>2021</b>	<b>FALL</b> *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
<b>2021</b>	<b>SPRING</b> *Arc 222 Technology I (required lab+lecture course) co-taught with Lecturer Laura Carr Course release for new temporary course prep	Enrollment: 71 students, Credits: 3
<b>2020</b>	<b>FALL</b> *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
<b>2020</b>	<b>SPRING</b> 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
<b>2019</b>	<b>FALL</b> 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
<b>2019</b>	<b>SPRING</b> Arc 452 Design Studio: Senior Capstone	Enrollment: 10 students, Credits: 6
<b>2018</b>	<b>FALL</b> 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
<b>2018</b>	<b>SPRING</b> *Arc 452 Design Studio: Senior Capstone Arc 481/581f Elective: Biomimetics	Enrollment: 16 students, Credits: 6 Enrollment: 12 students, Credits: 3
<b>2017</b>	<b>FALL</b> *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
<b>2017</b>	<b>SPRING</b> *Arc 451a Design Studio: Advanced Topics, Urban Form	Enrollment: 9 students, Credits: 6
<b>2016</b>	<b>FALL</b> *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
<b>2015/2016</b>	<b>FALL 2015 + SPRING 2016: SABBATICAL</b>	

<b>2015</b>	<b>SPRING</b> *Arc 452 Design Studio: Senior Capstone	Enrollment: 11 students, Credits: 6
<b>2014</b>	<b>FALL</b> 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)	Enrollment: 62 (course), 16 (section), Credits: 6 Enrollment: 60 students, Credits: 3 Enrollment: 11 students, Credits: 3
<b>2014</b>	<b>SPRING</b> *Arc 451a Design Studio: Advanced Topics, Urban Form Research release from non-studio course	Enrollment: 7 students, Credits: 6
<b>2013</b>	<b>FALL</b> *Arc 301 Design Studio: Tectonics (coordinator and taught one section) *Arc 341 Design Communication II (required lab+lecture course)	Enrollment: 62 (course), 16 (section), Credits: 6 Enrollment: 61 students, Credits: 3
<b>2013</b>	<b>SPRING</b> *Arc 402 Design Studio: Advanced Topics Arc 481/581f Elective: Biomimetics	Enrollment: 14 students, Credits: 6 Enrollment: 12 students, Credits: 3
<b>2012</b>	<b>FALL</b> *Arc 510f Design Studio: Comprehensive Design coordinator of two graduate sections, taught one section Arc 341 Design Communication II (required lab+lecture course)	Enrollment: 17 (course), 9 (section), Credits: 6 Enrollment: 60 students, Credits: 3
<b>2012</b>	<b>SPRING</b> *Arc 402 Design Studio: Advanced Topics, Urban Form co-convended once a week with Dr. Ryan Perkl's graduate planning geodesign seminar Research release from non-studio course.	Enrollment: 11 students, Credits: 6
<b>2011</b>	<b>FALL</b> *Arc 451 Design Studio: Advanced Topics, Sustainable Skyscrapers Arc 341 Design Communication II (required lab+lecture course)	Enrollment: 10 students, Credits: 6 Enrollment: 52 students, Credits: 3
<b>2011</b>	<b>SPRING</b> *Arc 402 Design Studio: Advanced Topics, Urban Form *Arc 481/581f Elective: Biomimetics	Enrollment: 13 students, Credits: 6 Enrollment: 16 students, Credits: 3
<b>2010</b>	<b>FALL</b> Arc 401 Design Studio: Comprehensive Design Arc 341 Design Communication II (required lab+lecture course)	Enrollment: 13 students, Credits: 6 Enrollment: 57 students, Credits: 3
<b>2010</b>	<b>SPRING</b> Arc 202 Design Studio: Performance *Arc 441 Contract Documents (required lab+lecture course) co-taught with Assistant Professor Patrick Hwang	Enrollment: 14 students, Credits: 6 Enrollment: 61 students, Credits: 3
<b>2009</b>	<b>FALL</b> 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)
2022	Capstone Distinguished Projects awarded from visiting capstone jury, Jacob Downard, Tayler Forsberg, Itzel Gamez and Alejandro Rueda (from Arc 498 Material Matters, capstone studio, co-taught with Jesus Robles)
2022	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)
- 2020 Capstone Distinguished Project, awarded by visiting capstone jury, JunrenTan (from Arc 498 capstone studio)
- 2020 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)
- 2019 Ronald R. Gourley Award for Design Excellence, Jeremy Goodman (from Arc 452 capstone studio)
- 2019 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
- 2018 The University of Arizona Capstone Award (voted on by entire architecture faculty)— Jeffrey Moser (from Arc 452 capstone studio)
- 2018 Rick Joy Prize, "The Architectural Mind" Andrew Kraut, \$1000 prize (from Arc 452 capstone studio)
- 2018 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)
- 2018 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)
- 2017 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)
- 2015 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)
- 2015 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)
- 2014 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)
- 2013 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).
- 2013 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)
- 2012 American Institute of Architects, AIA Design Excellence Winner – David Gonzalez and Kyle Szostek – Isomorphic City (from Arc 402 studio)
- 2012 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.
- 2012 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)
- 2011 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). Katheryne B. Willock Library Research Award: Nicholas Johnson – Renegotiating the Interface between the Built and Natural Environments, \$1000 prize (Thesis chair).

2011 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 Junren Tan, admission Fall 2020, for M.Arch 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).

2018 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.

- 2018 Kate Stuteville, admission Fall 2018 to MS. Fiction and Entertainment led by Liam Young, SCI-Arc, Los Angeles
- 2018 Anh Luc, admission Fall 2018 to Graduate Program at Taliesin West, Scottsdale, Arizona.
- 2018 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.
- 2015 Canaan Martin, admission Spring 2015, for MS Program In Space Architecture at the University of Houston, TX.
- 2015 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
- 2012 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 Wen Xie
- 2021 MS.Arch Thesis Committee member for Andrew Puppos
- 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.