

CURRICULUM VITAE



EMILY BAKER, AIA NCARB

UNIVERSITY OF ARKANSAS – FAY JONES SCHOOL OF ARCHITECTURE + DESIGN

www.emily-baker.com

EDUCATION

- 2012 M. Arch. – Cranbrook Academy of Art
- 2005 B. Arch – University of Arkansas *Summa Cum Laude*
- Rome study abroad – Spring 2003
- Mexico City summer studio – Summer 2003

REGISTRATION /MEMBERSHIPS

- 2015-Pres Registered Architect, State of Louisiana
- 2009-2015 Registered Architect, State of Mississippi
- American Institute of Architects (AIA)
- National Council of Architectural Registration Boards (NCARB)
- International Association for Shell and Spatial Structures (IASS)
- Building Technology Educators Society (BTES)

EXPERIENCE – PROFESSIONAL

- 2015-Pres Emily Baker (the driftery) design + fabrication
- 2010 Cooke Douglas Farr Lemons Architects & Engineers – Project Architect
- 2009 Seabold Architectural Studio, PC – Project Architect
- 2008 Pearl River Glass Studio – Fused Glass / Furniture Design
- 2005-2008 Duvall Decker Architects, PA – Intern Architect

EXPERIENCE – ACADEMIC

- 2017-Pres University of Arkansas – Assistant Professor of Architecture
- Advanced Studio – Design Through Prototype with the Amazeum
- Integrated Design Studio and Integrated Systems support course

Design Studio teaching and coordination – 2nd and 3rd Year Studios
Required Tech Courses – Structures I, Integrated Building Systems
Design Electives – Digital Steel, High Tech | Low Tech: Augmented Reality Fab

2015–2017 Tulane University – Assistant Professor of Architecture

Design Studio teaching and coordination – 2nd, 3rd, and 4th Year Studios
Comprehensive Studio
Required Tech Course – Integrated Building Systems
Design Electives – Digital Steel

Extracurricular Activities – Sukkah Design/Build projects

2012–2015 American University of Sharjah – Assistant Professor of Architecture

Design Studio teaching – 2nd, 3rd, 4th, and 5th Year Studios
Required Tech Course – Materials and Methods II
Design Electives – Intro to Digital Fabrication
Design Foundations – Drawing I & II

Metal fabrication workshops – for faculty and students

INTELLECTUAL PROPERTY

2020 Provisional Patent filed by University of Arkansas Tech Ventures for “Zip Form” technique for producing curving structural sections. 50/50 share of IP with mathematician Edmund Harriss.

PUBLICATIONS UNDER REVIEW

Oliveira, Isabel, Eduardo Sosa, Emily Baker, Sigrid Adriaenssens. “Experimental and Numerical Characterization of a Rotational Kirigami System.” *Thin-Walled Structures*, Elsevier Ltd. Submitted March 2023 - under review.

PUBLICATIONS

Baker, Emily. “Seaming: The Fabrication of Keswa.” In *FABRIC[ated]: Fabric Innovation and Material Responsibility in Architecture*, ed. by Tolya Stonorov, Ch. 6a. Routledge, 2023.

Baker, Emily. “Unprompted: Open-Ended Investigations in the Choreography of Construction.” *AD (Architectural Design) Volume 93, Issue 3, Cranbrook: A Legacy of Latitude*, ed. by Gretchen Wilkins, 54-61. Wiley and Sons Ltd, May 2023. (*Image of my work also appears on the cover of the issue.*)

Baker, Emily. “Keswa: An Uncovering.” *Journal of Architectural Education (JAE)* 70.1, 132-138. American Collegiate Schools of Architectures, 2016.

Baker, Emily. “Search for a Rooted Aesthetic: Study in Spin-Valence.” In *Fabricate: Negotiating*

Design & Making, ed. by Fabio Gramazio, Mathias Kohler and Silke Langenberg, 128-135. Zurich, Switzerland: gta Verlag, 2014.

ONGOING COLLABORATIONS

Isabel Moreira de Oliveira, PhD student in structural engineering at Princeton University in Sigrid Adriaenssens's Form Finding Lab. The focus of Isabel's thesis will be the structural characterization of Spin-Valence, the kirigami-based space frame system I developed. Journal submissions and collaborative research underway. Full paper under review for the journal *Thin-Walled Structures*.

Mohamad Ismail of UVA, Caitlin Mueller of MIT, and Edmund Harriss and Cameron Murray of University of Arkansas. Zip-formwork. Ongoing research in creating curving formwork for shape-optimized concrete structures using the Zip-Form system developed collaboratively with Harriss.

Sabetta Matsumoto of Georgia Tech and Edmund Harriss of University of Arkansas. Exploration of structural form-making using the Zip-Form system, computational and mathematical methods and applications. Artistic collaboration underway with Danielle Hatch. Abstract under review for Fabricate 2024 Conference.

CONFERENCE PROCEEDINGS

Baker, Emily. "SpaceCraft: Building a Spatial Structure in Mixed Reality." In *Proceedings of the Association for Computer-Aided Design in Architecture (ACADIA) 2023 annual conference: Habits of the Anthropocene, Denver, CO, 2023*. (pending publication)

Ismail, Mohamad, Caitlin Mueller, Emily Baker, and Edmund Harriss. "Zip-formwork: Fabrication of Shape-Optimized Concrete Structures for the Global South." In *Proceedings of the International Association for Shell and Spatial Structures (IASS) 2022 annual conference, Beijing, China, 2022*.

Baker, Emily. "High Tech | Low Tech: Teaching Augmented Fabrication in the Zoom Era." In *Proceedings of the Building Technology Educators' Society (BTES) 2021 annual conference: Out of Bounds, Auburn, AL, 2021*.

Ramirez, Michael, Emily Baker, Edmund Harriss and Gordana Herning. "Double-Curved Spin-Valence: Geometric and Computational Basis." In *Proceedings of the Advances in Architectural Geometry 2020 conference, Paris, France, 2021*.

Sherrow-Groves, Nick and Emily Baker. "Structural Finite-Element Analysis of Steel Kirigami Space Frame to Characterize Global Behavior." In *Proceedings of the International Association of Shell and Spatial Structures (IASS) 2019 annual conference: Form and Force, Barcelona, Spain, 2019*.

Sahuc, Julien, Gordana Herning and Emily Baker. "Experimental and Analytical Investigation of the Spin-Valence Kirigami Space Frame." In *Proceedings of the International*

Association of Shell and Spatial Structures (IASS) 2019 annual conference: Form and Force, Barcelona, Spain, 2019.

Hughes, Michael, Emily Baker, Rick Sommerfield and Mo Zell. "Potemkin Fabrications: Administrative Gymnastics, Messy Boundaries, and the Alternative Facts that Enable Design-Build Pedagogy." In *Proceedings of the American Collegiate Schools of Architecture (ACSA) Fall conference: Less Talk | More Action, Stanford University, Stanford, CA, 2019.*

Baker, Emily. "Spin-Valence: Kirigami Space Frame." In *Proceedings of the International Association for Shell and Spatial Structures (IASS) 2018 annual conference: Creativity in Structural Design, Massachusetts Institute of Technology (MIT), Cambridge, MA, 2018.*

Baker, Emily. "Boundary Problems: Reclaiming Thought-Space in the Attention Economy." In *Proceedings of the American Collegiate Schools of Architecture (ACSA) 2018 international conference: New Instrumentalities, Madrid, Spain, 2018.*

INVITED LECTURES

- 2024 "Seaming: The Fabrication of Keswa." Invited lecture as part of FABRIC:ations symposium at Norwich University, Northfield, VT, to happen March 2024.
- 2023 "The Choreography of Construction." Invited lecture for Princeton University's Civil and Environmental Engineering department, Princeton, NJ, June 2023.
- 2023 "Recent Work." Artist talk for other residents as part of the MacDowell Fellowship, Peterborough, NH, June 2023.
- 2023 "Experimentation in Structural Design." Invited lecture for Rob Whitehead's Experimental Structures advanced studio at University of Iowa, March 2023.
- 2022 "Choreography of Concrete." Invited lecture at the University of Kentucky for Concrete Week, November 2022.
- 2021 "Zip-Form." IASS sculpture competition presentation, International Association for Shell and Spatial Structures annual meeting, August 2021.
- 2020 Steel Table Talk – educators' roundtable invited participant. American Institute of Steel Construction (AISC) livestreamed event, September 2020.
- 2020 "Emily Baker – Hand on Matter." Invited lecture for Herman Miller's internal professional team. Livestreamed event as part of DRT Live series, September 2020.
- 2019 "Steel Kirigami: Exploring Structures Through Advanced Manufacturing." FabTech speaker series, Chicago, IL, November 2019.
- 2019 "Haptic Progression: Digital Making by Hand." Lecture presented at Pieces and

Parts: The Future of Advanced Manufacturing Symposium, University of Texas Arlington College of Architecture, Planning and Public Affairs, Arlington, TX, March 2019.

- 2018 "New Perspectives on Architectural Education." Lecture presented at Architecture and Design Network (ADN) lecture series, Arkansas Arts Center, Little Rock, AR, November 2018.
- 2017 "Architect as Maker." Lecture presented at South Dakota State University Department of Architecture, Brookings, SD, October 2017.
- 2016 "Architect as Maker." Lecture presented at AIA Gulf States Emerging Professionals Symposium, Fayetteville, AR, September 2016.
- 2016 "The Essence of Things." Design in New Orleans panel presentation, invited by New Orleans Museum of Art (NOMA), September 2016.

CONFERENCE PRESENTATIONS

- 2023 "SpaceCraft: Building a Spatial Structure in Mixed Reality." *To be presented at ACADIA 2023. Denver, CO. October 2023.*
- 2022 "Zip-Formwork: Fabrication of Shape Optimized Concrete Structures for the Global South." International Association of Shell and Spatial Structures (IASS) 2022 annual conference. Presented with Mohamed Ismail (MIT). Virtual presentation, September 2022.
- 2021 "Double-Curved Spin-Valence." Advances in Architectural Geometry (AAG) 2020 conference. Presented with Edmund Harriss (UA), Gordana Herning (MIT) and Michael Ramirez (MIT). Virtual presentation, April 2021.
- 2021 "High Tech | Low Tech: Teaching Augmented Fabrication in the Zoom Era." Building Technology Educators' Society (BTES) 2021 annual conference. Virtual presentation, June 2021.
- 2020 "The Value of the Novice: Applied Research Through Design/Build?" Schools of Thought symposium on architectural pedagogy. Lightning talk presented at University of Oklahoma, Norman, OK, March 2020.
- 2020 "Design Through Prototype." Interior Design Educators Council (IDEC) annual meeting. Pecha kucha presentation about design/build studio pedagogy, Tulsa, OK, March 2020.
- 2019 "Structural Finite-Element Analysis of Steel Kirigami Space Frame to Characterize Global Behavior." International Association of Shell and Spatial Structures (IASS) 2019 annual conference. Presented with Nick Sherrow-Groves (Arup Engineers), Barcelona, Spain, October 2019.

- 2019 "Experimental and analytical investigation of the Spin-Valence kirigami space frame." IASS (International Association of Shell and Spatial Structures) 2019 Annual Symposium, *Form and Force*. Presented with Gordana Herning (MIT) and Julien Thierry Aime Sahuc (MIT), Barcelona, Spain, October 2019.
- 2019 "Darkness By Design." Island Dynamics conference, Svalbard, Norway, January 2019.
- 2018 "Space to Fail." Design Build Exchange (DBX) virtual conference presentation, September 2018.
- 2018 "Spin-Valence: Kirigami Space Frame." International Association of Shell and Spatial Structures (IASS) 2018 Annual Symposium: Creativity in Structural Design. Presented in the Structural Origami session. MIT, July 2018.
- 2018 "Boundary Problems: Reclaiming Thought-Space in the Attention Economy." Association of Collegiate Schools of Architecture (ACSA) International Conference: New Instrumentalities. El Colegio Oficial de Arquitectos de Madrid, Spain, June 2018.
- 2016 "Keswa." ACSA 104th Annual Meeting. Presented in the Project Session. Seattle, WA, March 2016.
- 2015 "Audi-Fab Design Build." ACSA 103rd Annual Meeting. Presented in the ACSA Design Build Award session. Toronto, Canada, March 2015.
- 2014 "Spin-Valence: Search for a Rooted Aesthetic." Fabricate 2014 conference, Material Exuberance session. Invited speaker. ETH Zurich, Switzerland, February 2014.

PROJECTS

- 2021 120 Tapas Bar Wine Wall – in collaboration with Bradley Edwards Architect, I designed and fabricated an interior partition and wine rack using folded sheet steel.
- 2020 Halsell Stair – in collaboration with Bradley Edwards Architect, I designed and fabricated an interior stair for a custom residence using folded sheet steel.

EXHIBITIONS

- 2023 "Studies for Mathemalchemy's Lighthouses." Exhibited at the 2023 Bridges Conference Art Exhibition, Bridges Conference on the intersection of math and art. Halifax, Nova Scotia. July 27-31, 2023.
- 2022 "Mathemalchemy." Educational sculptural exhibition. Collaborative effort between mathematicians and artists/designers coordinated by Ingrid

Daubechies of Duke University. The traveling exhibition was on display at the National Academy of Sciences in Washington, DC and is currently at the Beaty Biodiversity Museum at the University of British Columbia, Vancouver, Canada. I produced the lighthouse portion of this group installation using the Zip-Form system. <https://mathemalchemy.org/>

- 2022 "Spin-Valence re-deployable composite." Accepted for exhibition in International Conference on Structures in Architecture (ICSA) 2022, Aarlborg, Denmark. Accepted, but not exhibited due to FMLA leave during the conference.
- 2021 "Study in Spin-Valence." Exhibited as part of *Eyes Wide Open: Cranbrook Academy of Art Since 1932*, at Cranbrook Art Museum, Bloomfield Hills, Michigan, June 18 to September 19, 2021.
- 2015 "Keswa." Christo and Jeanne-Claude Award commission toured the United Arab Emirates in public spaces including NYU Abu Dhabi, Qaser al Sarab, Flag Island, Shajrah, and Mushrif Park, Abu Dhabi – Spring 2015.
- 2014 "Audi-Fab Design/Build Studio." Boards exhibited in the President's Metals exhibition at RIBA, London, UK. December 2014.
- 2014 "Weldless Span." Structural art exhibited at the Sharjah Art Foundation as part of the faculty Opus show, May 2014.
- 2013 "Spin-Valence." Exhibited at TEX-FAB 4 Exhibition, University of Texas at Arlington, School of Architecture, Arlington, Texas. Juried. March 2013.
- 2012 "Spin-Valence." Exhibited at ACADIA 2012 Conference at California College of the Arts, San Francisco, California. Juried, as part of TEX-FAB Competition. October 2012.
- 2012 "Study in Spin-Valence." Exhibited at Cranbrook Art Museum, Bloomfield Hills, Michigan. Non-Juried Thesis exhibition. April 2012.
- 2012 "Valence Study #5." Exhibited in the Cranbrook Center for Collections and Research – Small Works Gallery, March 2012.

POSTERS

- 2023 "SpaceCraft: Building a Spatial Structure in Mixed Reality." Poster to be displayed at ACADIA 2023. Denver, CO. October 2023.
- 2016 "Keswa." Poster displayed at ACSA 104th Annual Meeting. Seattle, WA, March 2016.

PERMANENT COLLECTIONS / INSTALLATIONS

- 2021 "Curvahedra" permanent sculpture installation. Gearhart Courtyard at the Honors College on the University of Arkansas, Fayetteville campus. Collaboration with Edmund Harriss. Funded by the Honors College.
- 2019 "Filter Form" permanent sculpture installation. Wilson Springs wetland preserve in Fayetteville, AR. Funded by the Northwest Arkansas Land Trust. 2019.
- 2014 "Spin-Valence, White" collection of Good Weather Gallery in North Little Rock, Arkansas.
- 2012 "Study in Spin-Valence" purchased for the permanent collection of Cranbrook Art Museum through the Cranbrook Purchase Award, Bloomfield Hills, Michigan. May 2012.

FUNDED PROJECTS

- 2021 "Curvahedra" sculpture in collaboration with Edmund Harriss, funded through the Honors College and donation by former chancellor David Gearhart - \$50,000.
- 2019 Immerse Wilson Springs - NWA Land Trust grant to produce public sculpture - \$1,000
- 2019 Advanced studio, "Design Through Prototype" - partnership with the Amazeum- \$4,400
- 2016 Faculty mentor for Sukkah 8.0 installed on Tulane University campus Sept 2016. - \$1,500
- 2015 Faculty mentor for Sukkah 7.0 installed on Tulane University campus Sept 2015. - \$1,500
- 2014 Christo and Jeanne-Claude Award 2015. Faculty mentor for 2-student team. \$5,000 for the making of a large piece of public art. Keswa toured the United Arab Emirates and was installed on sites including NYU Abu Dhabi, Qaser al Sarab, Flag Island, Shajrah, and Mushrif Park, Abu Dhabi.
- 2014 "Audi-fab Design/Build Studio." Full-scale permanent interior installation of acoustic wall developed by students in previous prototyping semester. 45,000AED (\$12,260) from College of Architecture, Art and Design.
- 2013 "Audi-fab Design Build Research Studio." Full-scale prototyping studio, in collaboration with GIBCA Companies industry partners, and Design Confidence professional acoustic engineers. 25,000AED (\$6,812) from College of Architecture, Art and Design.

2012 "Spin-Valence." Selected as 1 of 4 finalists in TEX-FAB's APPLIED: Research through Fabrication Competition. \$1000 for further prototyping from TEX-FAB.

SELECTED AWARDS/HONORS/FELLOWSHIPS

2023 MacDowell Fellowship, awarded 4 week residency at MacDowell artist residency, Peterborough, NH, May-June 2023.

2021 Artistry Award, presented by the Honors College of the University of Arkansas to Edmund Harriss, Emily Baker and Carl Smith for the development of the Courtyard Curvahedra sculpture on the University of Arkansas campus. \$1,000 research award.

2020 IASS 2020 Memorial Sculpture Design Competition, 2nd Place overall as chosen by the jury. Submission entitled "Zip Form" co-authored by mathematician Edmund Harriss.

2020 AISC (American Institute of Steel Construction) Early Career Faculty Award

2015 ACSA Design Build Award – Audi-Fab Design Build Research Studio

2014 Christo and Jeanne-Claude Award (faculty mentor for winning 2-student team)

2014 AIA Middle East Design Merit Award – Audi-FAB Acoustic Wall

2012 TEX-FAB: Applied Competition finalist – Spin-Valence

2012 Cranbrook Academy of Art – Purchase Award

2010-11 American Association of University Women (AAUW) Selected Professions Fellowship

2010 Merit Scholarship – Cranbrook Academy of Art

2005 National AIA Henry Adams Medal

2005 The Edward Durell Stone Medal – Excellence in Design

2005 The Barbara C. Crook Medal – Excellence in Architectural Technology

2004 Pella Fifth Year Prize – Faculty Selected Best Design Project in Final Comprehensive Studio

2002 Arkansas Eastman Scholarship

2001 School of Architecture Book Award

2000 Eichenbaum Erhart Memorial Scholarship

- 1999 Bodenhamer Fellowship – University of Arkansas distinguished fellowship
- 1999 Governor’s Distinguished Scholarship
- 1999 National Merit Finalist Scholarship

GRANTS

- 2022 Student Success Grant – University of Arkansas awarded \$5,000 to bring Augmented Reality into design studio instruction. With co-grantee Pedro Veloso.
- 2019 Gearhart Courtyard Sculpture – UA Honors College grant for fabrication and design development of steel sculpture, based on Place in Mind course taught by Edmund Harriss and Carl Smith – \$5,000
- 2018 FJSOA+D Internal Research Funding – \$2,200 to purchase MOLA Models supporting Structures II instruction
- 2017 Faculty Networking Grant – Tulane University – \$2,850 to host guest scholar Brad Bell for lecture/discussions
- 2016 CELT Classroom Enhancement Grant – Tulane University – \$400 toward materials for Digital Steel course
- 2012 Seed Grant – American University of Sharjah – \$1,350 to cover materials for advanced fabrication research

GRANT SUBMISSIONS – NOT FUNDED

- 2019 Submission to Chancellor’s Innovation & Collaboration Fund, “Phosphorame: an active mechanical membrane inspired by a quantum 2D material.” Along with Edmund Harriss, Salvador Barraza-Lopez, Pradeep Kumar, and Arun Nair.
- 2018 Submission to Chancellor’s Innovation & Collaboration Fund, “Cooperative 3D Printing of Complex Architecture.” Along with Wenchao Zhou, Zhenghui Sha and Frank Jacobus.
- 2018 Submission to Chancellor’s Innovation & Collaboration Fund, “CLT in Arkansas: A Study of the Architectural, Structural and Economic Impacts of Mass Timber.” Along with Cameron Murray, Jon Boelkins, Angela Carpenter, Justin Tucker and Mervin Jebaraj.
- 2017 Submission to Johnson & Johnson Women in STEM+D program. Produced one-minute video showing ongoing work in the Build Lab as part of submission.

2016 Submission to Carol Lavin Bernick Faculty Grant, Tulane University.

MEDIA

2021 "Tech to Expect in 2021 and the Impact of 2020." Invited contribution by editor Wanda Lau for ARCHITECT Magazine, online publication, January 2021. https://www.architectmagazine.com/technology/the-tech-to-expect-in-2021and-the-impact-of-2020_o

CITATIONS - ACADEMIC

2017 "Algorithmic Futures: The Analog Beginnings of Advanced Parametric Design in First Year." by Patrick Rhodes, in 12th EAD Conference, Design for Next, April 2017.

2014 "Digital Fabrication in Design Build Studios." ACSA presentation by William Carpenter, FAIA, ACSA Globalizing Architecture Conference, Miami, April 2014.

CITATIONS - PRESS

2022 Curvahedra sculpture on the cover of Focus, the magazine for the Mathematical Association of America. October 2022.

2022 "The Collaborative Crush Test," by Hardin Young on news.uark.edu. August 2022. <https://news.uark.edu/articles/60546/the-collaborative-crush-test>

2022 "Ars Mathemalchemica: From Math to Art and Back Again," by Susan Goldstein, Elizabeth Paley, and Henry Segerman, in Notices of the American Mathematical Society. August 2022.

2021 "Courtyard Curvahedra to be Installed at Gearhart Hall." on news.uark.edu. January 2021. <https://news.uark.edu/articles/55611/courtyard-curvahedra-to-be-installed-at-gearhart-hall>

2021 "Honors College, Gearharts Dedicate Curvahedra Sculpture," on news.uark.edu. October 2021. <https://news.uark.edu/articles/58031/honors-college-gearharts-dedicate-curvahedra-sculpture>

2021 "Honors College Recognizes Exceptional Faculty," on news.uark.edu. November 2021. <https://news.uark.edu/articles/58150/honors-college-recognizes-exceptional-faculty>

2021 "Fay Jones School: Building a Culture of Innovation." By Jocelyn Rogers, on AIA.org, June 2021. Article quotes me on diversity in the school and profession.

2020 "Winning Spatial Structure Design." Online publication for University of Surrey, April 2020. Article discusses runner up to the IASS Sculpture Competition, Curvahedra.

- 2019 "AISC to Honor 13 Leading Design, Construction, and Education Professionals at the 2020 NASCC: The Steel Conference," on <https://www.aisc.org>. January 2019.
- 2015 "AUS students win first and second place for Fresh student competition," in *designMENA: architecture, interiors & industrial design*, web article on student work winning FRESH Award and exhibiting at INDEX 2015, Dubai, UAE.
- 2006 "Camp Council", Dwell Magazine article on Camp Aldersgate design/build projects for disabled children, September 2006.

WORKSHOPS

- 2020 "Zip Form." *Virtual Frictions: Digital to Physical | Physical to Digital* symposium. Invited digital fabrication workshop focusing on computation in steel fabrication at Louisiana State University, February 2020.
- 2019 "Playful Assemblages: Haptic>Virtual>Actual." *Pieces and Parts: The Future of Advanced Manufacturing* Symposium. Invited digital fabrication workshop at UT Arlington, March 2019.
- 2018 "Methods in Digital Steel." Invited workshop at South Dakota State University's School of Architecture.
- 2016 "Methods in Digital Steel." Invited workshop at Fay Jones School of Architecture and Design's Build Lab. Before joining the Architecture Department faculty.
- 2013 Co-led Design Week metal fabrication workshop at American University of Sharjah with Jason Wright

SERVICE ACTIVITIES

- 2023 Executive Council Member, IASS (International Association for Shell and Spatial Structures)
- 2023 BTES (Building Technology Educator's Society) peer reviewer for 2023 conference papers.
- 2022 – Pres Board member of Meadowcreek—art and rural life land trust collective in Fox, AR
- 2022 – Pres IASS (International Association for Shell and Spatial Structures) Chair of Communication Committee along with Marina Borges
- 2022 Faculty Mentor – Aydelott Travel Award. Advised student Sally Senn on visits to structurally significant works of architecture in Mexico, Uruguay, France and

- Spain. Advised her about an analytical paper about the works.
- 2022 NAAB Studio Curriculum Committee, Architecture Department
 - 2022 Technology Curriculum Committee, Architecture Department
 - 2022 Digital Technologies Committee, Architecture Department
 - 2021 Juror for AIA Orlando design awards, August 2021
 - 2020 – Pres Diversity Equity and Inclusion Advisory Committee, Fay Jones School of Architecture and Design
 - 2017 – Pres National Organization of Minority Architecture Students (NOMAS) University of Arkansas chapter, faculty mentor
 - 2019 – 20 DARC (Digital Architecture Research Consortium) Advisory Board member
 - 2019 ACSA Design Build Award jury
 - 2019 Crafted equipment list and budget for advanced fabrication facility for FJSOA+D along with Jon Boelkins and Angela Carpenter.
 - 2018 – 19 Search Committee Member – University of Arkansas Architecture Department, Department Head position
 - 2018 ACSA Project Reviewer
 - 2018 Facilities technology assessment and report produced for University of Arkansas Rome Study Center
 - 2018 AIA Cincinnati – Design Award jury member
 - 2017 – 18 Search Committee Member – University of Arkansas Architecture Department
 - 2017 – 18 Math Pathways Committee – University of Arkansas
 - 2017 – 18 Scholarship Review Committee – University of Arkansas
 - 2016 – 17 Search Committee Member – Tulane University
 - 2016 – 17 National Organization of Minority Architecture Students (NOMAS) Tulane University, faculty mentor
 - 2016 ACSA Project Reviewer
 - 2016 ACSA Session Moderator – Materials and Media Investigations
 - 2015 – 17 Faculty Mentor – Sukkah Design Build funded by Tulane Hillel.
 - 2015 – 17 Chair – Lectures and Events Committee

- 2015 – 17 Curriculum Committee
- 2015 – 17 Student Affairs Committee
- 2015 – 17 ACSA Faculty Councilor
- 2015 –16 ReVIEW publication co-coordinator
- 2014 - 15 Department Faculty Search Committee – American University of Sharjah
- 2014 - 15 Representative to Fabrication Labs Advisory Committee for Architecture Department
- 2012 - 15 IDP Coordinator for American University of Sharjah, as required by NAAB accreditation.
- 2012 - 15 Department Academic Affairs Committee
- 2013 NAAB Accreditation Committee
- 2013 Peer reviewer for ASCAAD (Arab Society for Computer Aided Architectural Design)
- 2011 Curatorial Team – Cranbrook Chair Show

NOMINATIONS

- 2019 Nominated for ARCC New Researcher Award.
- 2018 / 2019 Nominated to apply to Rome Prize, American Academy in Rome.
- 2018 Nominated to apply to United States Artists’ Fellowship.
- 2017 Nominated to apply to MOMA PS1’s Young Architect’s Competition.
- 2016 Nominated to apply to MOMA PS1’s Young Architect’s Competition.

INVITED GUEST CRITIC

- 2022 Tulane University advanced studio in concrete, May 2022.
- 2021 South Dakota State University, design/build studio review, November 2021.
- 2020 University of Kansas, Design/Build studio review, May 2020
 Mississippi State University, 2nd year studio review, May 2020.
 American University of Sharjah, comprehensive design studio review, Nov 2020.
 South Dakota State University, fabrication elective review, December 2020.
 University of Oregon, fabrication-based furniture studio review, 2020.
 University of Wisconsin, Milwaukee, design/build studio review, December 2020.
 University of Texas at Austin, comprehensive design and advanced studio, Dec 2020.
 Louisiana State University, advanced studio review, December 2020.
 Iowa State University, comprehensive design studio review, December 2020.

- 2019 American University of Sharjah, Architecture Study Abroad program in Barcelona, Spain, October 2019.
- 2019 Tulane University, design/build studio review, Spring 2019.
- 2019 invitation to Mississippi State University School of Architecture
- 2018 UT Arlington School of Architecture, digital fabrication design/build studio
- 2017 SDSU Department of Architecture, fabrication seminar reviews
- 2015 Mississippi State University School of Architecture, comprehensive studio reviews
- 2013 Invitation to reviews at Rensler Polytechnic Institute; unable to attend due to travel conflict