

Renée Cheng FAIA, ACSA DISTINGUISHED PROF - DPACSA, NCARB, NOMA

John and Rosalind Jacobi Family Dean, College of Built Environments, University of Washington

EDUCATION

A.B., **Harvard College, 1985**

Psychology Concentration, Cum Laude

M.Arch, **Harvard University Graduate School of Design, 1989**

PROFESSIONAL LICENSE

Washington Licensed Architect #20116077

National Council of Architectural Registration Boards (NCARB) Certificate #45755, since 1995

POSITIONS HELD

University of Washington

John and Rosalind Jacobi Family Endowed Dean, College of Built Environment, 2019–present

Professor, Department of Architecture, 2019–present

University of Minnesota

Professor, 2008–2018

Associate Professor, 2002–2008

Head of the School of Architecture 2004–2014

Associate Dean for Research, College of Design 2014–2017

External Liaison, Virtual Reality Design Lab, College of Design, 2011–2017

Director, Master of Science in Architecture, Research Practices Track, 2011–2018

University of Arizona

Associate Professor, 2001

Assistant Professor, 1996–2001

University of Minnesota

Cass Gilbert Visiting Professor, 1998 Fall

University of Michigan

Adjunct Assistant Professor, 1993–95

Harvard University

Teaching Fellow, 1985–89

MEMBERSHIPS

Association of Collegiate Schools of Architecture (ACSA); ACSA College of Distinguished Professors; American Institute of Architects (AIA); AIA College of Fellows; AIA Seattle; National Organization of Minority Architects (NOMA)

HONORS & AWARDS

- 2018 **Distinguished Professor Award, Association of Collegiate Schools of Architecture, elevation to the College of Distinguished Professors**, one of the highest honors bestowed based on peer review of sustained achievement in teaching, research and service. Awarded to less than 136 people in its 33 year history.
- 2018 **Association of Collegiate Schools of Architecture and American Institute of Architects Practice Leadership Award**, based on blind peer review for Professional Practice class, first time this award was given to a required course, demonstrating excellence while also meeting 10 accreditation criteria.
- 2017 **American Institute of Architects College of Fellows**, elevated to member of College of Fellows for contributions to practice education, less than 1% of AIA members recognized with this honor, only about a dozen were recognized for their expertise in architectural education.
- 2017 **Outstanding Research Award, College of Design, University of Minnesota**, peer reviewed.
- 2017 **Construction Institute Faculty Award**, \$10,000 research support funds and advisor status given to considered leading in Lean research. Only architect and only woman of the group of 7.
- 2016 **Ranked Second in Deans and Department Heads List of Most Admired Programs**, for the program of license upon graduation (Architecture MS: Applied Research in Practice program developed and directed by Renée Cheng).
- 2015 **Association of Collegiate Schools of Architecture and American Institute of Architects Practice Leadership Award**, based on blind peer review, for the course Building Stories, innovative case based learning developed by Renée Cheng and Laura Lee.
- 2014 **Center for Teaching and Learning, Recognition of Curricular Innovation**, Bachelor of Design in Architecture (BDA) degree program chosen as one of three most innovative undergraduate degrees at the University of Minnesota. Program developed by Renée Cheng and Sharon Roe.
- 2012 **NCARB Award Honorable Mention**, special recognition for bridging academy and practice for the Master of Science in Architecture, Research Practices concentration.
- 2011 **Design Intelligence “25 Most Admired Educators”** Named an educational role model based on nationally gathered input from faculty, students, professionals in Architecture, Landscape Architecture, Interior Design and Product Design.
- 2010 **Design Intelligence “25 Most Admired Educators”**
- 2009 **AIA Minnesota President** First full time academic to be elected. AIA MN is among the nation’s largest and most active components of the AIA.
- 2009 **AIA Latrobe Prize Finalist** competitively selected as finalist for \$100,000 Latrobe research prize.
- 2008 **AIA Education Honor Award** for “Incomplete Curriculum for Transformation”; one of five member team for curricular reform of professional curriculum.
- 2006 **Academic Leadership Program Fellow**; Committee on Institutional Cooperation (CIC); nominated by the University of Minnesota and awarded by CIC.
- 2000 **AIA Arizona Educator Award**; nominated and awarded by the AIA Arizona.
- 2000 & 1997 **Outstanding Faculty Award Winner**; nominated and awarded by the University of Arizona School of Architecture students. Additional nomination in 1999.
- 1998 **Cass Gilbert Visiting Professorship**; nominated and selected by the University of Minnesota.
- 1997 **New Faculty Teaching Award**; awarded by the Association of Collegiate Schools of Architecture (ACSA) and the American Institute of Architecture Students (AIAS).

1989 **Harvard University Certificate of Distinction in Teaching;** awarded to less than 10% of all teaching fellows and assistants based on student evaluations.

GRANTS & CONTRACTS

Total grant funding awarded as PI or co-PI: over \$2,000,000

- 2024-present **Senior Consultant:** Understanding Project Delivery and Insurance Claims, funded by Canadian Construction Association
- 2021 – 2023 **Senior Consultant:** Building Owner Assessment Tool, funded by Pankow Foundation. phase 1 completed 2023; phase 2 funding approved 2024. <https://boat.be.uw.edu>
- 2021-2022 **Principal Investigator:** \$15,000 Grant from Team Health, high performing teams for an innovative healthcare project, funded by project team.
- 2021 **Co-Principal Investigator:** \$25,000 Grant for Strategies for Integration in AEC, analysis of vertical integrated companies that use data and innovative project delivery. Done in collaboration with Phil Bernstein, Yale School of Architecture. Funded by IPDA, 2021
- 2021-2022 **Co-Principal Investigator:** \$10,000 Grant from Impact on project teams of higher education clients and the progressive design build delivery, Funded by UW Capital Planning.
- 2018-2021 **Co-Principal Investigator:** Co-Principal Investigator for ProPEL online library of professional practice education lessons. Founded and led effort that lead to regular funding from NCARB and ACSA to develop professional practice course material to elevate equity and innovation in future profession. Implemented internationally.
- 2017-2023 **Principal Investigator:** \$250,000 Grant over six years from AIA, AIA Guide to Equitable Practice, set of 9 guides produced under the University of Washington and University of Minnesota for AIA. Glossary of equity terms, supplement on Justice in the Built Environment, supplement on Equity in Architectural Education. Webinars on equity and built environment.
- 2017 – 2020 **Co-Principal Investigator:** Five year contract for \$100,000-\$300,000 annually from US General Services Administration for Learning from Our Legacy case study program. Co-PI with Carrie Sturts Dossick from University of Washington Construction Management Department, focus of case studies is on collaboration.
- 2017 – 2020 **Core Group Member:** \$150,000 Grant from Pankow Foundation, Integrated Project Delivery Alliance and Center for Innovation in Design and Construction to develop, structure and execute an IPD guide.
- 2017 – 2021 **Principal Investigator:** \$25,000 Grant from Lean Construction Institute to study owners' validation processes and outcomes.
- 2016 – 2018 **Principal Investigator:** \$175,000 Grant from GSA to study collaborative practices supporting high performing buildings for GSA and other federal agencies.
- 2015 – 2017 **Principal Investigator:** \$250,000 Grant co-sponsored by Lean Construction Institute (LCI) and Integrated Project Delivery Alliance (IPDA) for case studies of Integrated Project Delivery and Lean processes in building industry.
- 2015 – 2017 **Principal Investigator:** \$75,000 Grant sponsored by US General Services Administration (GSA) for teaching materials and other follow up training for GSA based on high performing buildings.

- 2015 **Principal Investigator:** \$10,000 Grant Integrated Project Delivery Alliance (IPDA) for largest survey of adoption and satisfaction for projects using integrated project delivery. Published in National Institute of Building Science proceedings on Productivity and Workforce in Building Industry.
- 2013 – 2015 **Principal Investigator:** \$150,000 Grant sponsored by US General Services Administration (GSA) for case studies of three high performing buildings with contractual performance metrics.
- 2011 – 2013 **Principal Investigator:** \$150,000 Grant sponsored by US General Services Administration (GSA) for case studies of 11 GSA collaborative contracted projects.
- 2009–2016 **Principal Investigator:** Grant from Imagine Fund, University of Minnesota, \$3,000 (2009) \$4,000 (2010), \$5000 (2011), \$5000 (2013) and \$5000 (2016) on various topics related to emerging trends in the profession, case studies in practice.
- 2012 **Principal Investigator:** Grant from Imagine Fund, University of Minnesota, \$3,000 (2009) \$4,000 (2010), \$5000 (2011), \$5000 (2013) and \$5000 (2016) on various topics related to emerging trends in the profession, case studies in practice.
- 2011 – 2012 **Co-Principal Investigator:** \$10,000 Grant sponsored by HGA Architects for use of Immersive Virtual Reality to study patient room design.
- 2010 – 2012 **Principal Investigator:** \$25,000 (2010) \$40,000 (2011) Grant sponsored by AIA National and AIA Minnesota for IPD case studies, interactive pdf, primary source research on 5 case studies.
- 2004–2005 **Principal Investigator:** \$17,000 Grant sponsored by the Steel Tube Institute for case study educational material.
- 2000 **Co-Principal Investigator:** \$24,897 Grant sponsored by University of Arizona, Center for Computing & Information Technology for “Web-based Teaching for Visual Learning” (part 2). Development of teaching modules for web-based teaching of construction case studies.
- 1998 **Principal Investigator:** \$45,000 Grant sponsored by the United States General Services Administration for “A Real-Time Case Study: Documentation of the Phoenix Federal Courthouse.”
- 1998 **Principal Investigator:** \$15,020 Grant sponsored by University of Arizona, Center for Computing & Information Technology for “Web-based Teaching for Visual Learning” (part 1). Development of teaching modules for web-based teaching of construction case studies.
- 1998 **Principal Investigator:** \$4,998 Grant sponsored by University of Arizona, Office for Research for “Documenting Emerging Form: Case Studies of Tectonic Buildings.

REFEREED PUBLICATIONS

- 2024 “Questioning “Best” Practices in Architectural Education.” 2024. In *Interdisciplinary Design Thinking in Architecture Education*, ed. Julie Ju-Youn Kim, 15-23. New York; Routledge.
- 2019 “Building Learning Organizations: Knowledge and Research.” 2019. In *Managing Design Conversations, Project Controls, and Best Practices for Commercial Design and Construction Projects*, ed. Lefevre, Mike. 33-51. New York: Wiley.
- 2007 “Can BIM Inspire New Directions in Architectural Education?” In *Fresh Air: Proceedings of the ACSA Ninety Fifth Annual Meeting Held in Philadelphia, Pennsylvania*, 455–460. Washington, DC: ACSA. (March, 2007). <https://www.acsa-arch.org/chapter/can-bim-inspire-a-new-direction-in-architectural-education/>
- 2003 “The Sheer Opacity of Contemporary Enclosure.” Co-author Cathrine Veikos. In *Journal of Architectural Education* 57, no. 2 (2003): 11–17. DOI:10.1162/104648803770558932

WORKS IN PROGRESS

- 2024 “What We Gain When We Lose” in *Instruments of Service*. 2024. *Harvard Design Review Magazine*. no. 52.
- 2024 “A call for organized open-source software infrastructure for the AEC industry.” 2024. *AIA Project Management*.

NON-REFEREED PUBLICATIONS & MEDIA

- 2018-2023 “AIA Guides for Equitable Practice”, peer reviewed, distributed through AIA website. Commonly referenced as core reading for firm leaders. <https://www.aia.org/resource-center/guides-equitable-practice>.
- 2021 Wanda Lau (Host). (2021, October 4), What Does DEI Have to Do with Architecture? Episode 60, *Architect Magazine*, October 4, 2021. Retrieved from https://www.architectmagazine.com/practice/what-does-dei-have-to-do-with-architecture_o.
- 2020 “Project Outcome Forecasting through Longitudinal Monitoring of Project Team Attributes.” 2020 *Engineering Project Organization Journal 2023*, .” co-authors Elnaz Asadian, Robert Leicht, Claudia Neuhauser (October, 2020)
- 2020 “Change Value, Value Change.” Op-Arch, *Architect Magazine*. September, 2020. https://www.architectmagazine.com/practice/renee-cheng-change-agency-value-change_o
- 2019 “Consortium for Research Practices: Closing the Knowledge Loop Between Education and Practice Through Research.” 2018. In *Changing Shape of Practice volume 2*, eds. Michael U. Hensel, Fredrik Nilsson, co-author Andrea Johnson. University of Aarhus. 31-42. Oxfordshire: Routledge.
- 2017 “IPD Action Guide for Leaders”, peer-reviewed, one of five core group members and authors for this publication, sponsored by Pankow Foundation. Pankow website. https://www.pankowfoundation.org/site/assets/files/1836/ipd_full-pass_180603_comp.pdf
- 2017 “Motivation and Means: How and Why IDP and Lean Leads to Success”, peer-reviewed, sponsored by Integrated Project Delivery Alliance and Lean Construction Institute. IPDA and LCI websites.
- 2016 *Goat Rodeo: Practicing Built Environments*, Daniel Friedman ed, Phillip Bernstein, Carol Burns, Joe Burns, Renée Cheng, Carrie Dossick, Billie Faircloth, Kiel Moe; CreateSpace/FriedFish Publishing. 2016.
- 2016 “Teams Matter: Lessons from ARRA.” GSA Region 5 and the American Recovery and Reinvestment Act”, peer- reviewed, report on Great Lakes Region GSA Region 5, 11 projects completed under ARRA, GSA website. <https://conservancy.umn.edu/handle/11299/201406>
- 2015 “Integration at Its Finest.” Report on three high performing Federal Buildings, GSA website, peer reviewed, GSA website. <https://www.gsa.gov/system/files/Integration%20at%20its%20Finest%20vol2-508.pdf>
- 2015 “IPD: Performance, Expectations, and Future Use. A Report on Outcomes of the University of Minnesota Survey.” Co-author Markku Allison 2015 <https://conservancy.umn.edu/handle/11299/201405>
- 2015 “The Missing 32.” *Architecture Minnesota Magazine*, October, 2015. <https://www.aia-mn.org/missing-32-percent/>
- 2014 “Designers Designing Design Education”, Op-Arch editorial in *Journal of Architectural Education* 68, no. 1 (2014): 8-11. DOI: [10.1080/10464883.2014.864895](https://doi.org/10.1080/10464883.2014.864895)

- 2013 “Forward”, *Designing Relationships* by Andy Pressman, New York: Routledge, 2014.
- 2012 “IPD Case Studies”. Web-publication, Center for Integrated Practice, AIA. Retrieved from the University of Minnesota Digital Conservancy, <https://hdl.handle.net/11299/201408>.
- 2011 “IPD Case Studies”. Web-publication, Center for Integrated Practice, AIA. <aia.org/ipdcases2011>
- 2011 “Facing the Fact of BIM: Architectural Curricula Past, Present and Future.” 2011. *Building Information Modeling, Implications for Architectural Pedagogy*. ed. Phil. Bernstein and Peggy Deamer. New Haven: Yale.
- 2011 “ACSA Atlas”, published online <<http://www.acsa-arch.org/resources/data-resources/data-visualization>>
- 2007 “Computing Technologies.” Edited new chapter in *Architectural Graphic Standards*, 11th edition, ed. Andy Pressman, 932–956. Hoboken, NJ: John Wiley & Sons, Inc.
- 2006 “Suggestions for an Integrative Education.” In *AIA Integrated Practice Report*, eds. Norman Strong, Daniel S. Friedman, Michael Broshar, essay 5, Washington, DC: AIA. <https://gridd.etsmtl.ca/publications/atelier-bim-education-research-2016/references/AIA%20report%20on%20integrated%20practice%20-%20suggestions%20for%20an%20integrative%20education.pdf>
- 2006 “Getting Real: Design Ethos Now: Proceedings of the ACSA Ninety Fourth Annual Meeting.” Co-ed. Patrick Tripeny. Washington, DC: ACSA.
- 2004 “Visionary Pragmatics/Pragmatic Visionaries.” In *Connector*, ed. Robert Smith, 8–9. Eugene, OR: University of Oregon.
- 2002–2004 “Frank O. Gehry Biography”; “Bilbao Guggenheim, Bilbao, Spain”; “Reichstag, Berlin, Germany”; “Petronas Towers, Kuala Lumpur, Malaysia”. Two invited essays (based on excellence of 2004 submissions) in *The Encyclopedia of Twentieth Century Architecture*, Chicago, IL: Fitzroy and Dearborn

PROCEEDINGS

- 2020 “Project Outcome Forecasting through Longitudinal Monitoring of Project Team Attributes.” Co-authors Elnaz Asadian, Robert Leicht, Claudia Neuhauser. 18th Annual Engineering Project Organization Conference (EPOC). October, 2020. Conference paper.
- 2015 “IPD: Performance, Expectations and Future Use, Report on Outcomes of a University of Minnesota Survey,” in National Institute of Building Science proceedings on *Productivity and Workforce in Building Industry*. 2015
- 2004 “Architectural Education in the Age of Digitization.” In *Evolving Tools, Evolving Ideas: Education Summit of the Association of Computer Aided Design in Architecture*, ed. Aron. Tempkin, 11–13, Waterloo, Canada: ACADIA.
- 2004 “Case Catalysts: Using Case Examples in Design Teaching.” *Proceedings of ACSA/AIA Cranbrook Teachers Seminar (Research Track)*, eds. Laura Lee, Harrison. Fraker, Marvin Malecha, Richard Green, 3–5. Washington, DC: AIA.
- 2001 “The Evolution of Skins: A Case Study Comparison of Three Gehry Projects.” In *Skins, Where Design and Technology Meet: Proceedings of the ACSA Technology Conference Held in Austin, Texas, 2001*, 23–26. Washington, DC: ACSA.

- 2000 “Master Architect Redux: How Digital Progress Helped Restore the Role of the Master Architect.” In *Paradoxes of Progress: Architecture and Education in a Post-Utopian Era: Proceedings of the ACSA Eighty Ninth Annual Meeting Held in Baltimore, Maryland, March 2000*, 488–494. Washington, DC: ACSA.
- 2000 “Blobs and Bytes: The Construction of the Experience Music Project.” In *Viewing the Tectonic: Proceedings of the ACSA East Central Regional Meeting Held in Ann Arbor, Michigan, 2000*, 27–29. Washington, DC: ACSA.
- 1999 “Following Doctor's Orders: Using Boundaries to Create Freedom.” In *Proceedings of the ACSA Southwest Regional Meeting Held in Westlake, Texas, 1999*. Washington, DC: ACSA.
- 1998 “Wielding a Bigger Hammer: Scaling Up the Instruments of Construction.” In *Construction Identity: Souped-Up and Unplugged: Proceedings of the ACSA Eighty Sixth Annual Meeting Held in Cleveland, Ohio, March 1998*, 413–418. Washington, DC: ACSA.
- 1997 “Catalyzing the Design Process.” In *Architecture Real and Imagined: Proceedings of the ACSA Eighty Fifth Annual Meeting Held in Dallas, Texas, March 1997*, 206–209. Washington, DC: ACSA.
- 1996 “The Modern Aesthetic and Modern Tectonics.” In *Proceedings of the ACSA Southwestern Regional Conference Held in New Orleans, Louisiana, 1996*. Washington, DC: ACSA.

INVITED PRESENTATIONS

- 2024 “The Art and Craft of Building Teams...and the Research Behind It.” Keynote, Design-Build Institute of America Western Washington regional conference. April, 2024. Seattle, WA.
- 2024 “Abolish Professional Practice,’ Turncoats Debate. Co-presenter on panel of six, 112th ACSA Annual Meeting, March, 2024. Vancouver, BC
- 2023 “Braving Space: Setting Goals for Equity & Inclusion in Design.” Co-presenter with Billie Faircloth and Karen Thomas-Brown, Society for College and University Planning (SCUP), SCUP 2023 National Conference, July, 2023. Cleveland, OH.
- 2023 “Braving Space: Setting Goals for Equity & Inclusion in Design.” Co-presenter with Billie Faircloth and Karen Thomas-Brown, American Institute of Architects Conference on Architecture 2023 (A’23), June, 2023. San Francisco, CA.
- 2023 “Braving Space: Setting Goals for Equity & Inclusion in Design.” Co-presenter with Billie Faircloth and Karen Thomas-Brown, Society for College and University Planning (SCUP), SCUP 2023 Regional Conference, March, 2023. Davis, CA.
- 2023 “Designing with Intention: Three Generations of Black Architects.” Panel moderator, Museum of History & Industry, March, 2023. Seattle, WA.
- 2023 “Transportation/Aviation: Owner Readiness Assessment.” Presenter, 2023 Design-Build for Transportation/Aviation Conference, *Proceedings of Design Build Institute of America*. March, 2023. Seattle, WA.
- 2023 “Owner Culture and Decision-Making: the PDM Correlation.” Webinar presenter, Design-Build Institute of America. February, 2023. Virtual
- 2022 “Owner Culture and Decision-Making: the PDM Correlation.” Presenter, “COAA Connect” national conference. Denver, CO.
- 2022 “Vishaan Chakrabarti, FAIA, Renée Cheng, FAIA, & Jeanne Gang, FAIA, in Conversation with Lee Bay.” Co-Keynote presenter. American Institute of Architects Conference on Architecture 2022 (A’22). June, 2022. Chicago, IL.
- 2021 “Who Builds, Who Benefits?” Keynote, National Institute of Building Science, Building Innovation Summit. September, 2021. Virtual

- 2021 “Diversity Lens: The Myth-Busting Edition.” Presenter, United States General Services Administration. October, 2021. Virtual.
- 2021 “Breaking Through the Bamboo Ceiling- Asian Americans as Leaders in U.S. Academia.” Keynote, Columbia University Asian Faculty Association Webinar. October, 2021. Virtual.
- 2021 “Equity in Higher Education.” Presenter, ACSA Administrators Conference. October, 2021. Virtual.
- 2021 “Nehemiah Initiative.” Presenter, National Organization of Minority Architects, Annual Conference. October, 2021. Virtual.
- 2021 “Tools, Data, and Storytelling.” Presenter, RESTRUCT Symposium III, Built Environment + Data + Post-Pandemic Solutions. May, 2021. Virtual.
- 2020 “Intentional Consequences & New Value Propositions.” Keynote, Global Design Alliance. October, 2020. Virtual.
- 2020 “Innovation, Integration, and Equity.” Keynote, A/E/C Thrive. October, 2020. Virtual.
- 2020 “Intent, Impact, Consequences.” Keynote, AIA Knowledge Leadership Assembly. August, 2020. Virtual
- 2020 “Intercultural Competence Could Be the Silver Bullet.” Keynote, KA Connect 2020. March, 2020. Virtual
- 2020 “The Ethical and Economic Value of EDI.” Presenter, AIA Summit. August, 2020. Virtual.
- 2020 “What Do We Mean When We Say ‘Collaboration’?” Presenter, Design Build Institute of America, Northwest. March, 2020. Virtual
- 2019 “Making the Case for Research, Innovation and Equity”, Invited presenter, Large Firm Roundtable (LFRT), October, 2019, Minneapolis, MN.
- 2019 “Belonging, Power and Agency of Students.” Presenter, ACSA Administrators Conference. November, 2019. New Orleans, LA.
- 2019 “Equity and Lean.” Presenter, Lean Construction Institute Congress. May, 2019. Dallas, TX.
- 2018 “Collaboration and Integrated Project Delivery.” Presenter, Lean Construction Institute Congress.
- 2017 “Finding the Fulcrum: a research practice mechanism for academy and industry.” Invited presenter, Changing Shape of Practice, International Conference, Aarhus, Denmark.
- 2017 “Cracking the Code: Lean and Design.” Co-Presenter with John Haymaker (Perkins + Will) and Mackenzie Skene (NBBJ). LCI Congress National Conference, Anaheim, CA, peer review selection.
- 2017 “Motivation and Means: How and Why IPD and Lean Succeed.” Peer reviewed selection for presentation, COAA National Conference, St. Louis, MO.
- 2017 “The Business Case for Lean and IPD.” Peer reviewed selection for presentation, CURT National Conference, Chandler, AZ.
- 2017 “The Business Case for Lean and IPD.” Peer reviewed selection for presentation, AGC Building Division National Conference, Las Vegas, NV.
- 2017 “Teams Matter: A Study in Collaboration”, Peer reviewed selection. CURT National Conference, Chandler, AZ.
- 2017 “Leading Practices.” Presenter for a series of lectures and workshops. School of Sustainability (SOS), Bologna, Italy. School connected to Mario Cucinelli Architects, Bologna.
- 2017 “Expanding the Network of Practice Academies.” Presenter, Transsolar Climate Engineers, Stuttgart, Germany. Workshop and presentation related to Transsolar Academy.
- 2016 “Did You Know Why We Need a Research-Based Integrated Profession?” Presenter, Western Mountain Region AIA Conference, Salt Lake City, UT.

- 2016 “Embedding a Risk Mitigation Strategy Early in the Project Delivery Process.” Peer reviewed selection, co-presenter with Laura Stagner, GSA, Construction Managers Association of America, Fall Meeting, San Diego, CA.
- 2016 “The Importance of an Integrated Design in Creating High Performance Green Buildings.” Peer reviewed selection presented with Laura Stagner, GSA, BECC, Baltimore, MD.
- 2016 “Emerging Evidence: The State of IPD.” Presented with Markku Allison, BuildEx, Calgary, Canada.
- 2016 “From Good to Great: Why Do Projects Excel?” Presented with Bevan Mace, Balfour Beatty, Steve Jones, Dodge Analytics, LCI Congress, Chicago, IL.
- 2016 “Change Agents.” Peer reviewed selection presented with with Karen Robichaud, Caroline James, EQxD, San Francisco, CA.
- 2016 “Can We Build a Perfect Team: Integrated Project Delivery and Collaborative Practices.” Presented with Markku Allison, Scan Consulting, New Frontiers in Construction Conference, Construction Education Research Center. Seattle, WA
- 2016 “GSA’s Quest to Build a Perfect Team.” Presented with Charles Hardy, GSA, Construction Owners Association of America, Spring Meeting.
- 2016 “Research and the Schools.” Presenter and panel moderator, ACSA National Meeting, Seattle, WA.
- 2015 “Research and the Creation of Disciplinary Knowledge.” Presenter and panel moderator, ACSA Administrators Conference, San Juan, Puerto Rico.
- 2015 “Project Delivery Examined.” Presenter, AIA MN Convention, Minneapolis, MN.
- 2015 “A Tale of Two Change Processes.” Presenter, AIA MN Convention, Minneapolis, MN.
- 2015 “ARRA Success Stories.” Presenter, Association of General Contractors, Public Private Industry Advisory Board, San Diego, CA.
- 2015 “Performance-based Contracting and Design Excellence: 3 GSA Projects.” Blind peer review selection, Presenter, AIA National Convention, Atlanta, GA.
- 2015 “Connecting Education and the Profession Through Research.” Blind peer review selection, Presenter, AIA National Convention, Atlanta, GA.
- 2015 “Aligning Around Design and Performance: 3 GSA Cases.” Keynote presentation, LCI Design Forum, Chicago.
- 2014 “Women in Architecture.” Panelist, AIA MN Convention, Minneapolis, MN.
- 2014 “Advocating for Change: A Better Way to Structure Research and Practice in Architecture.” Presenter. ACSA National Meeting, Miami, FL.
- 2014 “Practice Research: A Model for Academic/Industry Partnership.” Presenter. ACSA National Meeting, Miami, FL.
- 2014 “Research Practice/Practice Research.” Presenter. South Dakota State University lecture series, Brookings, SD.
- 2014 “Curricular Innovation in Architectural Education.” Presenter. Deans for Impact (Deans of Colleges of Education), Los Angeles, CA.
- 2013 “Research Practices in Architectural Education.” Presenter. NCARB Region 4, Educators Summit, Minneapolis, MN.

- 2013 “Acknowledging the Need for Research Practices.” Presenter. University of Maryland series on Future Practice, College Park, MD.
- 2012 “Past, Present and Future of Design.” Presenter. Five Universities in China: Tsinghua University, Beijing; Tianjin University, Tianjin; Chongqing University, Chongqing; Southeastern University, Nanjing; Tongji University, Shanghai; Zhejiang University, Hangzhou.
- 2012 “Research Internships and IDP Session on Intern Development Program.” Presenter. ACSA Annual Meeting, Boston, MA.
- 2011 “IPD: What Practitioners Know” Panel on Integrated Education: What Educators Should Know.” .” Presenter, ACSA Annual Meeting, Montreal.
- 2011 “Industry Trends and Attitudes toward New Collaborative Contracting Approaches.” Panelist, Symposium on Building Better Construction Contracts: Tailoring Incentives, Creating Collaboration and Developing Effective Risk Allocation, Practice Law Institute, New York.
- 2011 “Proposal for a Research-based Internship.” Presenter, Dean’s Forum, Large Firm Roundtable, Stanford University, Palo Alto, CA.
- 2011 “Building Stories.” Presenter. AIA Minnesota Convention, Minneapolis, MN.
- 2011 “IPD: What We Know...and Don’t Know.” Presenter, Associated General Contractors of America (AGC) National conference on IPD and Lean, San Antonio, TX.
- 2011 “IPD Cases and the Use of BIM Technology.” Presenter. BIM Breakfast Club, AIA MN.

CONTRIBUTED PAPERS PRESENTED

- 2007 “Can BIM Inspire New Directions in Architectural Education?” Presenter, ACSA National Meeting. Philadelphia, PA. <https://www.acsa-arch.org/chapter/can-bim-inspire-a-new-direction-in-architectural-education/>
- 2003 “Borrowing a Page from Academia: Educating Your Clients with Precedents and Case Studies.” AIA National Convention. San Diego, CA (unable to present due to family emergency).
- 2000 “Blobs and Bytes: The Construction of the Experience Music Project.” Presenter, ACSA East Central Regional Meeting. Ann Arbor, MI.
- 1998 “Wielding a Bigger Hammer: Scaling Up the Instruments of Construction.” Presenter, ACSA National Meeting. Cleveland, OH.
- 1997 “Catalyzing the Design Process.” Presenter, ACSA National Meeting, Dallas, TX.
- 1997 “Drawing and the Design Process.” Presenter, School of Architecture Visitors Series. Tulane University. New Orleans, LA.
- 1996 “The Modern Aesthetic and Modern Tectonics.” Presenter, ACSA Southwestern Regional Conference. New Orleans, LA.

EXHIBITIONS

- 2007 “Sketches from Breuer’s St. John’s Abbey” special exhibition for 50th anniversary of Abbey Church, St John’s University, Collegeville, MN. Coincided with book launch for which sketches were included.
- 2003 “Traveling, Seeking, Seeing: Recent Sketches.” Faculty Exhibition Series. College of Design Library. University of Minnesota. Minneapolis, MN. Invited solo exhibition.

- 2000 “House by Cheng-Olson Design.” In *Time and Place: Determinants of Contemporary Environmental Design in the Sonoran Desert*. Tucson Museum of Art. Tucson, AZ. Juried group exhibition.
- 1998 “Bamboo Forest.” In *Art by Architects*. Fisher Gallery. Albuquerque, NM. Juried group exhibition. Third Prize.
- 1997 “Watercolor Sketches of Prague and Vienna.” Fragner Gallery, Prague, Czech Republic. Invited two-person exhibition.
- 1997 “Cheng and Cheng in Italy.” University of Michigan School of Art, Ann Arbor, MI. Invited two person exhibition.

PROFESSIONAL ARCHITECTURAL PRACTICE

- 1992–2018 **Cheng - Olson Design**, Minneapolis, Minnesota Principal, Project Architect
- 1992–2018 **Cheng - Olson Design**, Minneapolis, Minnesota Principal, Project Architect
- 1991–92 **Richard Meier & Partners**, New York, New York Designer/Draftsperson
- 1989–90 **Oliver Cope**, Architect, New York, New York Designer/Draftsperson
- 1989 **Pei, Cobb, Freed & Partners**, New York, New York Designer/Draftsperson
- 1988 **William Rawn Associates**, Boston, Massachusetts Designer/Draftsperson

COURSES TAUGHT

- 2024 Primary instructor, Professional Practice, required course for Masters of Architecture students, elective for other students in built environment programs.
- 2019–present Primary instructor, Equitable Practices, support course for Nehemiah community-based interdisciplinary studio, real estate, urban design and planning, architecture.
- 2015–2018 Primary instructor, Advanced Professional Practice required for Master of Science in Research Practices students, focused on emerging practice and practice research.
- 2015–2018 Primary instructor, Final Project required for Master of Science in Research Practices students, focused on applied research practice.
- 2008–2018 Primary instructor, Professional Practice required course for 50 Master of Architecture students, co-taught with professional architect Vincent James, using case study material developed in research.
- 2008–2018 Building Stories, developed and coordinate innovative practice elective.
- 2008–2016 5516 Thermal and Lighting, Design Support faculty.
- 2005–2016 Summer 3+ program, coordinate entire summer, teach segment on structure and construction.
- 2002–2008 Construction Systems, required lecture course for 50 students, using case study material developed in research.
- 2002–2004 Graduate Design Studio, required design studios at several levels.

CURRICULUM DEVELOPMENT

- 2017–2018 Co-instructor with Andrea Johnson, Inclusive Leadership curriculum, including intercultural development index, implicit bias and inclusive leadership. Collaboration with Human Resource experts from the Consortium of Research Practices firms.

- 2011–2018 Principal developer Master of Science in Research Practices degree concentration.
- 2002–present Leading national initiatives on the use of new digital tools and emerging practices through white papers, peer-reviewed and invited publications on curricula developed by Renée Cheng.
- 2004–2018 Oversight in development of multiple curricular tracks and program changes within the undergraduate and graduate programs. Particularly in candidate's direct expertise areas: building technology, representation, professional practice, research, and thesis. Includes oversight of University initiatives such as WEC and GRIP, intensive consultation with Center for Teaching.
- 2005–2009 Co-principal developer of major holistic revision to professional degree program, nationally award winning, recognized for innovation.
- 2005–2008 Collaborative developer of syllabi for community based disaster relief course work with Architecture for Humanity and the Gulf Coast Design Studio. These became model courses internationally, used for architecture students to benefit communities post-Katrina, Haiti, etc.
- 2004–2006 Co-principal developer of new undergraduate degree program Bachelor of Design in Architecture (BDA). Provided flexible and diverse design education which greatly increased efficiency. Chosen by University of Minnesota as top 3 most innovative curricula on campus.

A D V I S I N G

- 2004–2018 Mentor for several student groups, primary mentor (and founder) for elected graduate student group, secondary mentor for American Institute of Architecture Students Minnesota Chapter.
- 2012–present Research Practices internships, 2012-2018 at School of Architecture, University of Minnesota, 2019-present at College of Built Environments, University of Washington.
- 2019–present Thesis advising for students in the College of Built Environments, University of Washington.

S E R V I C E T O T H E D I S C I P L I N E

- 2022- present Member, Board of Directors, Chandos Limited Partnership.
- 2016–present Member, Research Committee, Lean Construction Institute.
- 2017–present Member, Harvard Graduate School of Design Alumni Council.
- 2017–2018 Member, NCARB Data Collection Advisor Panel.
- 2017–2018 Member, Equity by Design (EQxD) Survey Focus Group.
- 2016–2018 Chair, Research Committee, Lean Construction Institute.
- 2016–2017 ACSA Governance Task Force on Leadership.
- 2015–2017 ACSA Data Task Force on Metrics.
- 2015–2017 AIA MN Strategic Plan Work Group.
- 2014–2016 Advisory Board for *Architecture Student's Handbook of Professional Practice*, Bradford Perkins Ed, Wiley.
- 2014–2015 AIA Culture Collective, one of 40 member group charged with instigating and modeling change for organization. Led Firm Culture sub-group, followed Kotter's Accelerate methodology.
- 2013–2015 Reviewer for NSF, Chemical, Mechanical and Manufacturing Innovation Cluster Group.
- 2013–2015 Reviewer for NEA Design Art Works program.
- 2013– 2015 Advisory Board Member, Harvard Graduate School of Design.
- 2010–present Executive Editorial Board, Architect Magazine, appointed by AIA President George Miller.

- 2006–2016 Board Member, AIA Minnesota.
- 2005–2015 ACSA Data Collection and Research Advisory Board, currently member; formerly ACSA Committee on Data Gathering. Founder and Chair (2005-2006) Co-chair (2006-2011), Project Manager, ACSA Atlas, data collection project.
- 2010 Member, ACSA Media Task Force, advising on website redesign, strategic communication and role of Journal of Architectural Education (JAE).
- 2013-present Invited attendee, Large Firm Roundtable Annual Dean’s Forum, member LFRT JEDI committee.
- 2009–2011 Member, AIA National Integrated Practice Discussion Group (IPDiG) and later evolution, Center for Integrated Practice (CIP), sub-committee on case studies and IPD Guide.
- 2007–2009 Member, AIA National Board Knowledge Committee. Sub-committee: Research. Knowledge Community Liaison: Interiors, Committee on Leadership, Educators Practitioners Network, Diversity.
- 2008-2010 Member, Executive Committee, AIA Minnesota.
- 2006 Moderator, Panel on BIM ACSA National Meeting, Salt Lake City, Utah. First ACSA discussion on BIM.
- 2006–present Reviewer for 6 national or international ACSA/ACADIA conferences.
- 2003–present External reviewer for 18 promotion & tenure to associate professor, 6 promotions to full professor.
- 2006–present Member of national award juries; AIA COTE Top Ten (2020), AIA/ACSA Topaz (2020), Thornton-Tomasetti Ingenuity Awards, AIAS Chapter Award, AIAS Vinyl Competition; AIA Arizona Firm of the Year and Sustainable Firm of the Year; AIA National BIM TAP awards; Honor Awards, AIA Ohio; AIA Minnesota Honor Awards; AIA Minnesota, Homes of the Year.; AIA Minnesota, 25 Year Award.

SERVICE TO THE UNIVERSITY OF WASHINGTON SINCE 2019

- 2019–present Member, Board of Deans and Chancellors (BoDC).
- 2021–present Chair, BoDC University Initiatives.
- 2019–present Member, West Campus Innovation District.
- 2019–present Chair, Architectural Commission and Landscape Advisory Group.
- 2019–present Member, Capital Planning Advisory Team.
- 2016–2018 Member, Steering committee for Activity Based Budgeting (ABB) revisions.

SERVICE TO THE UNIVERSITY OF MINNESOTA 2011 TO 2018

- 2017 Member, Search Committee, Vice Provost for Research, University of Minnesota. Invited by president and provost.
- 2016–2018 Advisory Board, ACARA Challenge, interdisciplinary international program based at University of Minnesota, Institute on the Environment.
- 2014–2016 Facilitator, Catalyst for Change (C4C) change process, first use of John Koetter’s Accelerate methodology applied to higher education. Proposed and coordinated year long comprehensive culture change for College of Design. Coached as facilitator by David Carder from Koetter International.
- 2014–2017 Member, Continuity Group for Strategic Planning, University of Minnesota, advisory to Provost.
- 2014–2017 Member, Council of Research Associate Deans, University of Minnesota.
- 2014–2017 Associate Dean for Research, College of Design, University of Minnesota.

- 2014 Co-chair, Grand Challenge Curriculum Workgroup for Strategic Planning, University of Minnesota, report incorporated into the University plan.
- 2014 Chair, Re-engineering Public-Private Partnerships for the Office of Vice-Provost for Research Strategic Plan, Five Years Forward, University of Minnesota.
- 2013–2015 Member, University Workgroup for Strategic Planning, University of Minnesota, selected advisor to President on University mission and goals, Chaired by Provost.
- 2014 Member, Senate Finance and Planning Committee, oversight of University finances.
- 2014 Member, Committee of Research Associate Deans.
- 2013 - 2014 Chair, Search Committee for Director of the Institute for Advanced Studies, University of Minnesota.
- 2011 - 2013 Member, McKnight Advisory Committee, University of Minnesota, advisor to Provost on the McKnight Arts and Humanities.
- 2011 - 2013 Chair, McKnight Advisory Committee, University of Minnesota, advisor to Provost on the McKnight Arts and Humanities Endowment, Imagine Awards, totaling over \$500,000 annually.
- 2004– 2014 Head, School of Architecture.
- 2012– present Director, Master of Science in Architecture, Research Practices concentration.
- 2011– 2017 External Liaison, Virtual Reality Design Lab, College of Design.
- 2006–2017 Member, College of Design Senior Leadership Group.
- 2002–present Member, School of Architecture Admissions committee, reviewing 40-60 applicants per year.
- 2006 - 2011 Member, Colleagues Advisory Board, Weisman Art Museum, Minneapolis, MN, subcommittee for building addition designed by Gehry, subcommittee on Target Studio for Creative Collaboration.
- 2011 Member, College of Design Search Committee External Relations Director.
- 2011 Member, College of Design Search Committee DHA Head.
- 2006 - 2010 Member, McKnight Advisory Committee, advising on the McKnight Arts and Humanities Endowment, Imagine Fund Committee.

SERVICE TO THE PUBLIC

- 2022 – present Member, Board of Directors, Nehemiah Initiative.
- 2017 Selected to attend working session on innovation in professional education convened by Columbia Law School.
- 2017 Member, Advisory Board, Place, a non-profit promoting live-work projects using integrated project delivery.
- 2017 – 2021 Member, Harvard Graduate School of Design Advisory Committee, peer nominated and elected.
- 2010 – 2020 Volunteer Alumni interviewer, Harvard College Admissions.
- 2015-2017 Juror, Creative City Award, City of Minneapolis.