Renée Cheng FAIA, ACSA DISTINGUISHED PROF · DPACSA, NCARB

Dean, College of Built Environments, University of Washington

A.B., **Harvard College, 1985**
Psychology Concentration, Cum Laude

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

PROFESSIONAL LICENSE
Minnesota Licensed Architect #44732

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

POSITIONS HELD
University of Minnesota
Professor, 2008–2018
Director, Master of Science in Architecture, Research Practices Track, 2011–2018
Associate Professor, 2002–2008
Head of the School of Architecture 2004–2014
Associate Dean for Research, College of Design 2014–2017
Director, Digital Design Center, College of Design and College of Science and Engineering, 2014–2017
External Liaison, Virtual Reality Design Lab, College of Design, 2011–2017

University of Arizona
Assistant Professor, 1996–2001
Associate Professor, 2001

University of Minnesota
Cass Gilbert Visiting Professor, 1998 fall

University of Michigan
Adjunct Assistant Professor, 1993–95

Harvard University
Teaching Fellow, 1985–89

MEMBERSHIP

Association of Collegiate Schools of Architecture (ACSA)

American Institute of Architects (AIA) and AIA College of Fellows

American Institute of Architects, Minnesota (AIA-MN)

National Organization of Minority Architects, Minnesota

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   **Lean Construction Institute Faculty Award,** $10,000 research support funds and advisor status given to 7 faculty 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 (MSRP 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,** 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

Principal Investigator total grant funding awarded: $1,600,000

2019 – present   **Principal Investigator**: AIA Guide to Equitable Practice, second set of 6 guides produced under the University of Washington for AIA.

2018 – 2019   **Principal Investigator**: AIA Guide to Equitable Practice, first 3 guides and introduction produced under the University of Minnesota for AIA.

2017 – present   **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.

2 017 – present   **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

2016 – 2018   Principal Investigator: $175,000 Grant from GSA to study collaborative practices supporting high performing buildings for GSA and other federal agencies.

2017 – present   Principal Investigator: $25,000 Grant from Lean Construction Institute to study owners' validation processes and outcomes

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   College of Design, Dean's Initiative Grant ($8000) for development of Research Practices degree program and Consortium

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

2007	"Can BIM Inspire New Directions in Architectural Education?". In *Fresh Air: Proceedings of the ACSA Ninety Fifth Annual Meeting Held in Philadelphia, Pennsylvania, March 2007,* 455–460. Washington, DC: ACSA.
2003	"The Sheer Opacity of Contemporary Enclosure." *Journal of Architectural Education* 57, no. 2 (2003): 11–17.

NON-REFEREED PUBLICATIONS

2018	"Consortium for Research Practices: Closing the Knowledge Loop Between Education and Practice Through Research." *Changing Shape of Practice volume 2,* co-author with Andrea Johnson. Expected publication, 2018
2017	*IPD Guidebook,* one of five core group members and authors for this publication, sponsored by Pankow Foundation. Expected publication, 2018
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,* report on Great Lakes Region GSA Region 5, 11 projects completed under ARRA, GSA website
2015	*Integration at Its Finest,* report on three high performing Federal Buildings, GSA website, peer reviewed
2015	*The Missing 32%,* in Architecture Minnesota October 2015
2014	"Designers Designing Design Education", Op-Arch editorial in *Journal of Architectural Education* 68, no. 1 (2014): 8-11.
2013	"Forward", *Designing Relationships* by Andy Pressman, New York: Routledge, 2014

2012   "IPD Case Studies" phase 2. Web-publication and AIArchitect article, Center for Integrated Practice, AIA. <*aia.org/ipdcases2012*>

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". *Building Information Modeling, Implications for Architectural Pedagogy*. ed. P. Bernstein and P. 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. A. Pressman, 932–956. Hoboken, NJ: John Wiley & Sons, Inc.

2006   "Suggestions for an Integrative Education." In *AIA Integrated Practice Report*, eds. N.Strong, D.Friedman, M.Broshar, essay 5, Washington, DC: AIA.

2006   *Getting Real: Design Ethos Now: Proceedings of the ACSA Ninety Fourth Annual Meeting*, eds. R. Cheng, P.Tripeny. Washington, DC: ACSA.

2004   "Visionary Pragmatics/Pragmatic Visionaries." In *Connector*, ed. R.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 essays and two invited essays (based on excellence of first submissions) in *The Encyclopedia of Twentieth Century Architecture,* Chicago, IL: Fitzroy and Dearborn, 2004.

PROCEEDINGS

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*

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. A. 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. L.Lee, H.Fraker, M.Malecha, R.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.

WORK IN PROGRESS / PROPOSALS NOT FUNDED

2007 Principal Investigator, Building Information Modeling as a Design Tool, Digital Design Consortium, University of Minnesota. Ongoing research in collaboration with local firms and contractors on the topic of BIM. Work involves a prototype hospital with the firm of HGA architects using performance data to drive BIM.

2007 Co-Principal Investigator, Creative IT proposal, National Science Foundation.

2006 Principal Investigator, proposal for the AIA Large Firm Roundtable (LFRT) for case study BIM examples in collaboration with Kierantimberlake Associates, (proposal not selected).

2006 Co-Principal Investigator, proposal for the AIA Latrobe Award for enclosure wall and energy studies in collaboration with Mortenson Construction, HGA Architects and the Center for Sustainable Design, University of Minnesota, (proposal not selected).

INVITED PRESENTATIONS

2017 "Finding the Fulcrum: a research practice mechanism for academy and industry", Changing Shape of Practice, International Conference, Aarhus, Denmark, invited

2017 "Cracking the Code: Lean and Design", LCI Congress National Conference, Anaheim, CA, peer review selection. presented with John Haymaker (Perkins + Will) and Mackenzie Skene (NBBJ)

2017 "Motivation and Means: How and Why IPD and Lean Succeed", COAA National Conference, St.Louis, MO, peer review selection

2017 "The Business Case for Lean and IPD", CURT National Conference, Chandler, AZ, peer review selection. Also presented at AGC Building Division National Conference, Las Vegas, NV, peer review selection

2017 "Teams Matter: A Study in Collaboration", CURT National Conference, Chandler, AZ, peer review selection

2017 "Leading Practices", 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", Transsolar Climate Engineers, Stuttgart, Germany. Workshop and presentation related to Transsolar Academy

2016 "Did You Know....Why We Need a Research-Based Integrated Profession?", Western Mountain Region AIA Conference, Salt Lake City, UT

2016 "Embedding a Risk Mitigation Strategy Early in the Project Delivery Process", presented with Laura Stagner, GSA, Construction Managers Association of America, Fall Meeting, San Diego, CA, peer review selection

2016	"The Importance of an Integrated Design in Creating High Performance Green Buildings", presented with Laura Stagner, GSA, BECC, Baltimore, MD, peer review selection
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", presented with Karen Robichaud, Caroline James, EQxD, San Fransisco, CA, peer-review selection
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
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", ACSA National Meeting, Seattle, WA, presentor and panel moderator
2015	"Research and the Creation of Disciplinary Knowledge", ACSA Administrators Conference, San Juan, Puerto Rico, presentor and panel moderator
2015	"Project Delivery Examined", AIA MN Convention, Minneapolis, MN
2015	"A Tale of Two Change Processes", AIA MN Convention, Minneapolis, MN
2015	"ARRA Success Stories", Association of General Contractors, Public Private Industry Advisory Baord, San Diego, CA
2015	"Performance-based Contracting and Design Excellence: 3 GSA Projects", AIA National Convention, Atlanta, GA, blind peer review selection
2015	"Connecting Education and the Profession Through Research", AIA National Convention, Atlanta, GA, blind peer review selection
2015	"Aligning Around Design and Performance: 3 GSA Cases", Keynote presentation, LCI Design Forum, Chicago
2014	"Women in Architecture", panel, AIA MN Convention, Minneapolis, MN
2014	"Advocating for Change: A Better Way to Structure Research and Practice in Architecture", ACSA National Meeting, Miami, FL
2014	"Practice Research: a Model for Academic/Industry Partnership", ACSA National Meeting, Miami, FL
2014	"Research Practice/Practice Research", South Dakota State University lecture series, Brookings, SD
2014	"Curricular Innovation in Architectural Education", Deans for Impact (Deans of Colleges of Education), Los Angeles, CA
2013	"Research Practices in Architectural Education", NCARB Region 4, Educators Summit, Minneapolis, MN
2013	"Acknowledging the Need for Research Practices", University of Maryland series on Future Practice, College Park, MD
2012	"Past, Present and Future of Design". 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". ACSA Annual Meeting, Boston, MA

2011   "IPD: What Practitioners Know" Panel on Integrated Education: What Educators Should Know, ACSA Annual Meeting, Montreal

2011   "Industry Trends and Attitudes toward New Collaborative Contracting Approaches" Panel at 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", Dean's Forum, Large Firm Roundtable, Stanford University, Palo Alto, CA

2011   "Building Stories", AIA Minnesota Convention, Minneapolis, MN

2011   "IPD: What We Know..and Don't Know" speaker at Associated General Contractors of America (AGC) National conference on IPD and Lean, San Antonio, TX

2011   "IPD Cases and the Use of BIM Technology", BIM Breakfast Club, AIA MN

2010   "When Fingers Start Pointing: Allocating and Insuring Risks in Integrated Project Delivery" co-presented with Kevin Collins, Schinnerer. AIA Minnesota Convention, MN

2009   "Implementation and Integration Strategies for IPD: Case Studies of Integrated Projects", AIA Minnesota Convention, Minneapolis, MN

2009   "Culture of Practice: Educating the Next Generation", AIA National Board, March Meeting, Mpls

2009   "Developing Models of Research-based Practices", Design Futures Council: Leadership Conference on Design Strategy. Co-presented with Laura Lee

2009   "Culture of Practice" Panel on professional practice in curriculum. ACSA Adminstrators' Conference. St.Louis

2008   "Did You Know...?" Keynote speaker at symposium on Future of Architectural Education, Auburn

2008   "Education as a Driver of Change" AIA Minnesota Convention. Minneapolis, MN.

2007   "Smoothing the Path to Licensure." AIA Minnesota Convention. Minneapolis, MN.

2007   "Emerging Technologies Changing the Face of Architecture." Mindstretch Symposium. Community group. Minneapolis, MN.

2006   "School of Architecture Future Goals." Council of Firms. AIA Minnesota. Minneapolis, MN.

2006   "Curricular Strategies." Faculty Development Lecture Series. Howard University, Washington DC.

2006   "The Internship Trap." AIA Minnesota Convention Panel, Minneapolis, MN.

2006   "Turning the Big Ship: BIM and Architectural Education." Panel on BIM. ACSA Adminstrators' Conference. Phoenix, AZ. (presented by proxy due to illness).

2005   "New Directions at the University of Minnesota." AIA Minnesota Convention. Minneapolis, MN.

2005   "Evolving Tools, Evolving Ideas." Education Summit. Association of Computer Aided Design in Architecture (ACADIA). Waterloo, Canada. (also broadcast on Architecture Radio).

2004   "Emerging Technologies in Design: Preparing Students for the Future of Practice." AIA Minnesota Convention. Minneapolis, MN

2004   "Maker's Mark: Representation in the Age of Digital Production." Universidade Tecnica de Lisboa. Lisbon, Portugal.

2004   "Traces of the Machine: Representation in the Age of Digital Manufacturing." College of Architecture and Planning Lecture Series. Ball State. Muncie, IN.

2004   "Emerging Technologies in Materials." Keynote Speech. Minnesota Construction Specifications Institute. Minneapolis, MN.

2004   "Case Catalysts: Using Case Examples in Design Teaching." Research Track. ACSA/AIA Cranbrook Teachers Seminar. Bloomfield Hills, MI.

2002   "Digital Future: Return of the Master Builder?" Panel. Association of Computer Aided Design in Architecture (ACADIA). Pomona, CA.

2002   "Modern Stereotomy: Construction Documents in the Age of CAD-CAM." College of Architecture and Landscape Architecture Lecture Series. University of Minnesota. Minneapolis, MN.

2002   "Master Builder Redux." PennDesign Lecture Series. University of Pennsylvania. Philadelphia, PA.

1999   "Teaching to Capture the Cyclical Nature of Design." College of Architecture and Landscape Architecture Biannual Studio Roundtable. University of Minnesota. Minneapolis, MN.

1998   "Not Just Cheap Labor." Panel. AIA National Convention. San Francisco, CA.

1998   "Foundations of a Teaching Philosophy: The Influence of Albers and Arnheim in My Teaching." Faculty Development Seminar Series, University of Minnesota. Minneapolis, MN.

1998   "Wielding a Bigger Hammer: Scaling Up the Instruments of Construction" Cass Gilbert Lecture. College of Architecture and Landscape Architecture Lecture Series. University of Minnesota. Minneapolis, MN.

CONTRIBUTED PAPERS PRESENTED

2007   "Can BIM Inspire New Directions in Architectural Education?" ACSA National Meeting. Philadelphia, PA.

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." ACSA East Central Regional Meeting. Ann Arbor, MI.

1998   "Wielding a Bigger Hammer: Scaling Up the Instruments of Construction." ACSA National Meeting. Cleveland, OH.

1997   "Catalyzing the Design Process." ACSA National Meeting, Dallas, TX.

1997   "Drawing and the Design Process." School of Architecture Visitors Series. Tulane University. New Orleans, LA.

1996   "The Modern Aesthetic and Modern Tectonics." ACSA Southwestern Regional Conference. New Orleans, LA.

1996   "Realizing Design." ACSA Construction and Materials Institute. University of California Berkeley. Berkeley, CA.

2011   "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.

2006   "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.

1997   "Bamboo Forest." In *Art by Architects.* Fisher Gallery. Albuquerque, NM. Juried group exhibition. Third Prize.

1995   "Watercolor Sketches of Prague and Vienna." Fragner Gallery, Prague, Czech Republic. Invited two-person exhibition.

1994   "Cheng and Cheng in Italy." University of Michigan School of Art, Ann Arbor, MI. Invited two person exhibition.

PROFESSIONAL ARCHITECTURAL PRACTICE

Practice

1992–present   **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

2015–present   Primary instructor, Advanced Professional Practice required for Master of Science in Research Practices students, focused on emerging practice and practice research

2015–present   Primary instructor, Final Project required for Master of Science in Research Practices students, focused on applied research practice

2008–present   Primary instructor, Professional Practice required course for 50 students, co-taught with professional architect Vincent James, using case study material develoepd in research

2008–present   Building Stories, developed and coordinate innovative practice elective

2008–present   5516 Thermal and Lighting, Design Support faculty

2005–present   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

2017–present	Co-instructor with Andrea Johnson, Inclusive Leadership curriculum, including intercultural developmental index, implicit bias and inclusive leadership. Collaboration with Human Resource experts from the Consoritum of Research Practices firms
2011–present	Principal developer MS 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–present	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

ADVISING

2004–present	Mentor for several student groups, primary mentor (and founder) for elected graduate student group, secondary mentor for AIAS (American Institute of Architecture Students) Minnesota Chapter
2012–present	Research Practices internships

SERVICE TO THE DISCIPLINE SINCE 2006

2016–present	Chair, Research Committe, Lean Construction Institute
2014–present	Advisory Board for *Architecture Student's Handbook of Professional Practice*, Bradford Perkins Ed, Wiley. expected publication 2016
2017–present	Member, NCARB Data Collection Advisor Panel
2017–present	Member, Equity by Design (EQxD) Survey Focus Group
2017–present	Member, Harvard Graduate School of Design Alumni Council
2016–2017	ACSA Governance Task Force on Leadership
2015–2017	ACSA Data Task Force on Metrics
2015–2017	AIA MN Strategic Plan Work Group
2014–2015	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)
2010, 2012	Invited attendee, Large Firm Roundtable Dean's Forum
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 Liason: Interiors, Committee on Leadership, Educators Practitioners Network, Diversity.
2008-2010	Member, Executive Committee, AIA Minnesota
2009	Moderator or Masters of Ceremony for numerous AIA-MN events as President
2007	Facilitator, Architectural Education in the 21st Century, ACSA/AIA Cranbrook Teachers Seminar. Bloomfield Hills, MI.
2007	Nominating Committee, National Design Awards, Cooper-Hewitt National Design Museum.
2004-2007	Advisory Board, Architectural Graphic Standards, AIA National. One of a 7 member board.
2007	Invited participant, AIA Research Summit, Seattle, WA.
2006	Invited participant and team writer, AIA discussion on BIM, IP and Education, Oak Park, IL.
2007	Invited author, White Paper on The Future of Architectural Education, AIA Technology in Architectural Practice Conference.
2007	Chair, ACSA White Paper on BIM and Comprehensive Studio, advisory for the NAAB accreditation review.
2007	President's Advisory Board, Carnegie Mellon School of Architecture, Pittsburgh, PA
2006	Co-Chair, "Getting Real: Design Ethos Now." ACSA Annual Meeting, Salt Lake City, Utah.
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
2063–present	External reviewer for 18 promotion & tenure for associate professor, 6 promotions for full professor
2006–present	Member of national design award juries, 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 SINCE 2006

2017	Member, Search Committee, Vice Provost for Research, University of Minnesota. Invited by president and provost.
2016–present	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 Stategic 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, Univeristy of Minnesota
2014	Co-chair, Grand Challenge Curriculum Workgroup for Stategic Planning, University of Minnesota, report incorporated into 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 Stategic 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 Committe DHA Head
2006 - 2010	Member, McKnight Advisory Committee, advising on the McKnight Arts and Humanities Endowment, Imagine Fund Committee
2006-7	Member, Faculty Culture Task Force, made recommendations resulted in tenure code changes adopted in 2007. Part of the University-wide Strategic Planning efforts.
2007	Invited Panelist, Women in Administration, hosted by the Vice-Provost for Academic Affairs, University of Minnesota
2006	Co-Chair, University of Minnesota Symposium on BIM, Minneapolis, Minnesota. Written up in a special issue of AECBytes online journal.
2006	Chair, College of Design Search Committee for Director of Information Technology

2002–2006	Member, College of Architecture and Landscape Architecture (CALA) lecture committee
2004–2006	Member, CALA Administrative Council, Budget Committee

SERVICE TO PUBLIC SINCE 2006

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 – present	Member, Harvard Graduate School of Design Advisory Committee, peer nominated and elected
2010 – present	Volunteer Alumni interviwer, Harvard College Admissions
2015-2017	Juror, Creative City Award, City of Minneapolis
2013 – present	Member, Steering Committee for Arts and Culture, City of Minneapolis
2006	"Utopian Pasts, Attainable Futures." Green is the New Black Symposium Series. Community group of women business leaders. Minneapolis, MN
2003–2011	Volunteer Minneapolis Public Schools, math tutoring, drawing, Art Adventure classroom teacher with Minneapolis Institute of Arts program