

Curriculum Vitae for **SHAWHIN ROUDBARI**

Assistant Professor, Program in Environmental Design, University of Colorado Boulder

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EDUCATION

- 2010-2013 University of California, Berkeley
PhD in Architecture, degree conferred December 2013,
College of Environmental Design

Interdisciplinary fields of study: *Institutions of Global Architecture and Environmental Design Practice; Geography and Sociology of Development; and Urban Studies*

Dissertation title: *The Transnational Transformation of Architecture Practice: Iranian Architects in the New Geography of Professional Authority, 1945-2012*
- 2008-2010 University of California, Berkeley
MS in Architecture, College of Environmental Design

Major and minor fields of study: *Environmental Design and Urbanism in Developing Countries and Architecture History; Cultural Geography; and City and Regional Planning*

Thesis: *Reimag(in)ing a Soviet City: New Construction and Disruption of the Soviet Urban Order in Dushanbe, Tajikistan*
- 2002-2004 Cornell University
MS in Civil and Environmental Engineering

Major and minor fields of study: *Structural Engineering, Geotechnical Engineering, and Engineering Management*

Thesis: "Self-Adaptive Finite Element Analysis"
- 2000-2002 University of California, Berkeley
BS in Civil and Environmental Engineering
Concentration in Structural Engineering

ACADEMIC POSITIONS

- 2016-current Assistant Professor, Environmental Design, University of Colorado Boulder
- 2014-2015 Visiting Assistant Professor, Environmental Design, University of Colorado Boulder
Teaching appointment with lecture, studio, and seminar course responsibilities

RESEARCH INTERESTS

I study contentious political engagement by design professionals. Through in-depth interviews, participant observation, and analyzing texts, I investigate ways activists shape and organize power towards justice causes. While the focus of my work is on counter-hegemonic movements by professionals, my research has led me to study the *globalization of architecture's institutions and community-engaged design*. And though my focus began with architects, these inquiries have led me to consider the work of planners and civil and environmental engineers, as related professions whose work, institutions, and activism often overlap with designers'. My work contributes to histories and theories of activism in the spatial professions and relies on ethnographic methods.

AWARDS AND GRANTS

Awards and grants received as a faculty member

- 2017 PI for “Engineering Dissent: Moving Political Engagement for Social Justice from the Vanguard into the Mainstream of the Engineering Profession,” *National Science Foundation* (\$369,480 for 3 years)
- In this project, I am leading a team of design, planning, and sociology students and postdocs to study forms of activism by design and planning professionals. We investigate ways specific groups and individuals use their work and their institutions to mobilize for justice issues. As part of this project, I am conducting an ethnography of two activist organizations of architects and planners striving to strengthen racial justice work in their professions. My students are studying the emergence and dissemination of their activist discourses on social media.*
- 2016 PI for Collaborative research grant, “Institutional Cultures of Ethical Practice in Engineering for Development Programs,” *National Science Foundation* (\$382,664 for 3 years), with Co-PIs Jill Harrison (CU Boulder Sociology) and Jessica Kaminsky (University of Washington Civil and Environmental Engineering)
- In this project, I am leading an interdisciplinary team to study university programs that place students in developing communities in the global south. The goal of this project is to study ways participants in these programs develop ways of thinking about the ethics of community engagement. While this grant is focused on emerging programs that send engineering students into such communities, my goal is to expand this work to study planning and design programs that do similar work.*
- 2014 Project lead for University of Colorado Boulder IMPART Faculty Fellowship for research on multicultural perspectives in design education (\$4,000 for 12 months)
- 2014 University of Colorado Boulder Summer Teaching Innovation Grant (unused) (\$8,000 for one summer course)

Awards and grants received as a student

- 2014 Best PhD Dissertation Award, Foundation for Iranian Studies, honorable mention
- 2012 Mellon Foundation Grant for Overseas Research, Center for Middle Eastern Studies, University of California, Berkeley
- 2012 Dean’s Fellowship, University of California, Berkeley
- 2012 Graduate Division Grant, University of California, Berkeley
- 2011 Teaching Effectiveness Award, University of California, Berkeley
- 2011 Architecture Department Grant, University of California, Berkeley
- 2011 Outstanding Graduate Student Instructor Award, Department of Architecture, University of California, Berkeley
- 2008-2011 Architecture Department Fellowship, University of California, Berkeley
Financial award for excellence in academic record and proposed research
- 2009-2010 Mellon Foundation Grant for Overseas Research, Center for Middle Eastern Studies, University of California, Berkeley
- 2009-2010 Institute for Slavic, East European, and Eurasian Studies (ISEES), Research Grant, University of California, Berkeley
- 1999-2003 Engineers Without Frontiers Fellow and various honors and awards in Engineering

TEACHING

- 2014 - 2017 *Research Issues and Methods in Design and Planning (ENVD 3122)*
Junior-level, 150-student lecture on methods in city and regional planning research with a focus on qualitative methods in urban sociology and topics in community engagement and equity
- Ethics of Social Change in Environmental Design (ENVD 4361/5346)*
Upper division undergraduate and graduate cross-listed seminar in activism, humanitarianism, and social change in design disciplines of art, architecture, engineering, landscape architecture, and city and regional planning
- Introduction to Design and Communication I and II (ENVD 1052 and 1102)*
Freshman-level introduction studios on fundamentals of design and design communication
- Architecture Appreciation and Design (ARCH 4010)*
Senior-level architecture design studio for civil, environmental, and architectural engineering students
- Introduction to Design Appreciation*
University of Colorado Pre-Collegiate Development Program elective for first-generation and low-income college bound high school juniors
- 2013 *Social Entrepreneurship and Sustainability (SSIR 1010)*
Freshman-level course taught in interdisciplinary program in Sustainability and Social Innovation, University of Colorado, Boulder
- 2011 Head Graduate Student Instructor, *Design Theory and Criticism* with Professor Greig Cryslar, Department of Architecture at the University of California, Berkeley
- 2009, 2010 Head Graduate Student Instructor, *Historical Survey of Architecture and Urbanism from Antiquity to the Middle Ages* with Professor Andrew Shanken, Department of Architecture at the University of California, Berkeley
- 2009 Graduate Student Instructor, *Historical Survey of Architecture and Urbanism from the Baroque to Today* with Professors Greg Castillo and Margaret Crawford, Department of Architecture at the University of California, Berkeley
- 2003 Teaching Assistant, *Advanced Mechanics of Materials* with Katerina Papoulia Department of Civil and Environmental Engineering at Cornell University, Structural Engineering Group

PUBLICATIONS AND PRESENTED PAPERS

Peer Reviewed Journal Papers and Book Chapters

- Under Review Roudbari, Shawhin, "The politics of cosmopolitanism: Iranian architects, professional power, and the state," *Iranian Studies*. Revised and resubmitted for review, April 2018.
- Under Review Roudbari, Shawhin, Mehdi Heris, Shideh Dashti, and Manny Hakhamaneshi, "Mediating Design Claims: the Politics of Social Media in Iran's Maskan-e Mehr Social Housing Disaster in the 2017 Halabja Earthquake," *Disasters*. Submitted for review, December 2017.
- Under Review Roudbari, Shawhin, "Making Architecture Modern: a History of Globalization in Iran's Architecture Profession," in *Contemporary Architecture in Pre-Revolutionary Iran: The Dialogue between Tradition and Modernity*. New York: Routledge. Submitted for review December 2016.

- 2018 Roudbari, Shawhin. "Architecture Without Borders? The globalization of humanitarian architecture culture" in Karim, F. (ed.) *Routledge Companion to Architecture and Social Engagement*. New York and London: Routledge, Taylor, and Francis.
- 2017 Roudbari, Shawhin. "Crowdsourced and crowd-pleasing: the new architectural awards and the city." *Journal of Urban Design*, 23.2: 206-222. 10.1080/13574809.2017.1340799
- 2015 Roudbari, Shawhin. "Instituting Architecture: A History of Transnationalism in Iran's Architecture Profession, 1936 – 1996." *Historiography of Persian Architecture*. New York: Routledge.

Peer Reviewed Conference Papers and Presentations

- 2018 Roudbari, Shawhin. "Design as Transgression: Activism for Racial Justice at the 2017 Black in Design Conference," 113th Annual Meeting of the American Sociological Association, Philadelphia, August 2018.
- 2018 Roudbari, Shawhin, Mehdi Heris, Shideh Dashti, and Manny Hakhamaneshi, "Mediating Design Claims: the Politics of Social Media in Iran's Maskan-e Mehr Social Housing Disaster," 113th Annual Meeting of the American Sociological Association, Philadelphia, August 2018.
- 2014 Roudbari, Shawhin. "The Web and the Dislocation of Traditions of Authority." Paper presented at the Biennial Conference of the International Association for the Study of Traditional Environments, Panel on "Virtuality and Tradition," Kuala Lumpur, Malaysia, December 2014.
- 2013 Roudbari, Shawhin. "Transnationalism in Iran's Architecture Profession, 1992-2012." 108th Annual Meeting of the American Sociological Association, New York, August 2013.

Other Conference Papers and Presentations (underlined co-authors are my students)

- 2017 Roudbari, Shawhin. "Activism in the Chilean Architecture Profession: Moving Design for Social Justice into the Mainstream." Association of American Geographers (AAG) Annual Meeting, April 2017.
- 2016 Roudbari, Shawhin and Avery Lajeunesse, "Locating Underrepresented Perspectives in Interdisciplinary Planning Programs." Association of Collegiate Schools of Planning (ACSP) Annual Meeting, November 2016.
- 2016 Roudbari, Shawhin. "Studying cultures of ethical community engagement." Invited talk at Portland State University's Center for Public Interest Design (PSU CPID), November 2016.
- 2016 Roudbari, Shawhin. "The Global System of Architectural Recognition: Exposure and Distinction in International Design Awards." Association of American Geographers (AAG) Annual Meeting, March 2016.
- 2016 Roudbari, Shawhin. "Imaging a new architecture: producing and consuming symbolic capital in architecture in the Internet age." Environmental Design Research Association (EDRA) Annual Meeting, May 2016.
- 2015 Roudbari, Shawhin. "Institutional Cultures of Community Engagement in Engineering-for-Development Programs." Paper presented at Society for Social Studies of Science (4S) Annual Meeting, November 2015.
- 2014 Roudbari, Shawhin. "Transnational Credibility: Iranian Architects in the New Geography of Design Recognition." Invited paper presentation for the University of Colorado Boulder Geography Colloquium, October 2014.

- 2014 Roudbari, Shawhin. "Looking and Moving Abroad: The Transnational Transformation of Iran's Architecture Profession, 2000-2012." Tenth Biennial Iranian Studies Conference, Montreal, Quebec, August 2014.
- 2014 Roudbari, Shawhin. "Transnationalism in Iran's Architecture Profession, 1945-1995." 67th Annual Conference of the Society of Architectural Historians, Austin, Texas, April 2014.
- 2013 Roudbari, Shawhin. "Transnationalization of Design Awards: Iranian Architects in the Shifting Geography of Architecture Acknowledgement." Association of American Geographers Annual Meeting, Los Angeles, April 2013.
- 2012 Roudbari, Shawhin. "Revolution's Architecture: Transformations in Design Education and Practice in Iran, 1979-2009," paper for *Topics in Modern Iran* panel at the 16th Annual Near and Middle Eastern Civilizations Graduate Symposium at the University of Toronto.
- 2012 Roudbari, Shawhin. "Resistance by Design: The Politics of Tehran's Architecture Magazines," 6th International Conference on Design Principles and Practices at the University of California, Los Angeles.

ACADEMIC SERVICE

- 2015-2018 Instructor for University of Colorado pre-collegiate development program for first generation, college-bound high school students
Peer reviewer, *Journal of Iranian Studies*, *Journal of Architecture and Urbanism*
Conference abstract and paper reviewer, various conferences: ACSA, AAG, EDRA
- 2015-2016 Faculty mentor for Leadership Alliance Network (LAN) and CU SMART program for underrepresented minorities in research. Faculty liaison to expand LAN representation in social sciences and humanities to University of Colorado.
- 2015 Proposal reviewer, *National Science Foundation*
- 2015 Session co-organizer and co-chair for panel titled "Beyond the Fringe: Reconsidering Architectural Citizenship," at the Association of Collegiate Schools of Architecture, 103rd Annual Meeting, Toronto
- 2014 Session chair for panel titled "Regeneration and Development" at the International Association for the Study of Traditional Environments, 2014 Biannual Conference, Kuala Lumpur, Malaysia
- 2014-2018 Active membership and chair in department committees on diversity, lecture series organization, and undergraduate scholarships
- 2014 Discussant and chair for panel titled "Social Justice and Cities" at 20th Annual Critical Geography conference at the University of Colorado, Boulder, February

ADVISING

Postdoctoral scholars employed through funded research opportunities

- 2018-19 J. Gjata (PhD Sociology, University of Virginia), Postdoctoral Scholar in Environmental Design (beginning June 2018), for research on contentious political engagement by design professionals

2018-19 M. Rowe (PhD Sociology, UC Berkeley), Postdoctoral Scholar in Environmental Design (beginning June 2018), for research on contentious political engagement by design professionals

2017 S. Contreras (PhD UC Irvine), Postdoctoral Scholar in Environmental Design, for research on ethics of community engagement by designers in developing communities

Graduate students advised through funded research opportunities, independent study, or for thesis and dissertation committees (note: Environmental Design at CU Boulder does not have a graduate program)

2017-19 S. Niles, PhD student in Sociology

2017 E. Hanner, MS student in Information Science

2017-18 S. Menon, MS student in Geography

2016-18 C. Ryan, PhD student in Geography

Undergraduate research assistant advising through funded research opportunities, active research, independent study, or honors thesis advising

2017-18 N. Bognanno, senior honors thesis on street art for homelessness activism

2017-18 A. Sparlin, independent study on activism on social media by architects

2016-17 O. Flynn, senior honors thesis on cultural effects of alternative green learning programs

2016-17 A. Gonzales, undergraduate research assistant for fieldwork in Santiago, Chile on activism in design profession

2016-17 K. Lu, undergraduate research assistant for fieldwork in Santiago, Chile on activism in design profession

2016 S. Boko, rising junior undergraduate participant in NSF funded SMART program for underrepresented minorities in STEM research. His study was on the emergence of activism among engineering and design professionals.

2016 D. Kelso, rising senior undergraduate research on dog-human cohabitation design concepts using gabion architecture

2016 W. Bugbee, rising senior undergraduate research on dog-human cohabitation design concepts using gabion architecture

2015-16 J. Michal, honors thesis, "Private Governance in Our Galaxy: Consuming Mars Through Colonization"

2015-17 A. Lajeunesse, junior undergraduate research on diversity in architecture education

2015 J. Accola, senior undergraduate research on diversity in design and planning education

2015 M. Kostoff, senior undergraduate research on globalization of design recognition and awards

2015 R. Ramirez, senior undergraduate research on globalization of design recognition and awards

2015 S. Matos, senior undergraduate participant in NSF funded SMART program for first generation research opportunities in STEM research. Her study was on discourses of ethical community engagement in university-based engineering and design for community development programs.

2015 K. Roybal, senior independent study and graduate research fellowship proposal preparation on critical evaluation of institutions of sustainable design education

PROFESSIONAL LICENSURE

2006-Present Professional Engineer, California, License #70925

PROFESSIONAL EXPERIENCE

2006-2008 Assistant Program Manager
Hatch Mott MacDonald; San Francisco, CA

2006-2007 Tunnel and Infrastructure Engineer
Hatch Mott MacDonald; Pleasanton, CA

2004-2005 Project Structural Engineer
DeSimone Consulting Engineers; San Francisco, CA

2004 Graduate Engineer
Arup; New York, NY

2003 Civil Engineer/Researcher
International Water Management Institute; Pretoria, South Africa