

SARA HADAVI, Ph.D., ASLA

Assistant Professor of Landscape Architecture

College of Architecture, Planning and Design

Kansas State University

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Education

Ph.D., Landscape Architecture | May 2015

School for Environment and Sustainability, University of Michigan

Dissertation: Nearby Nature and Mental Wellbeing: A Designer's Perspective

Committee Members: Assoc. Prof. MaryCarol Hunter (Chair), Prof. Robert Grese, Prof. Rachel Kaplan, Assoc. Prof. Larissa Larsen, and Prof. William Sullivan (UIUC)

M.L.A., Master of Landscape Architecture | August 2019

Department of Landscape Architecture, University of Illinois at Urbana-Champaign

M.Sc., Environmental Design | September 2004

Graduate Faculty of Environment, University of Tehran, Tehran, Iran

Thesis: Healing Landscape Concept Development in Urban Public Spaces

B.Sc., Landscape Engineering | September 2001

University of Tabriz, Tabriz, Iran

Honors and Awards

- University Olmsted Scholar, Landscape Architecture Foundation, University of Illinois | 2018
- Sweetland Dissertation Writing Fellowship, \$3,000, University of Michigan | 2014
- Rackham Graduate Student Research Grant, \$3,000, University of Michigan | 2012
- Gerald D. Hines Student Urban Design Competition top prize with four other team members, \$50,000, Urban Land Institute, USA | 2011
- Inducted membership of Sigma Lambda Alpha, Honor Society of Landscape Architecture, USA | 2011
- The Michigan Garden Clubs Inc. Scholarship, University of Michigan | 2010
- The University of Michigan five-year guaranteed fellowship | 2009
- Ranked among the top two percent of the Iran National Universities Entrance Examination for Master's degree program | 2001

Publications

Articles in Peer Reviewed Journals

- Rigolon, A., Banerjee, D., Gobster, P., Hadavi, S., & Stewart, W. (2021). Transferring vacant lots to private ownership improves care and empowers residents: Evidence from Chicago. *Journal of the American Planning Association*, 1-15. <https://www.fs.usda.gov/treesearch/pubs/62613>
- Hadavi, S., Rigolon, A., Gobster, P. H., & Stewart, W. P. (2021). Resident-led vacant lot greening and crime: Do ownership and visual condition-care matter? *Landscape and Urban Planning*, 211, 104096. <https://www.fs.usda.gov/treesearch/pubs/62504>
- Gobster, P. H., Rigolon, A., Hadavi, S., & Stewart, W. P. (2020). The condition-care scale: A practical approach to monitoring progress in vacant lot stewardship programs. *Landscape and Urban Planning*, 203, 103885. <https://www.nrs.fs.fed.us/pubs/60442>
- Gobster, P. H., Rigolon, A., Hadavi, S., & Stewart, W. P. (2020). Beyond proximity: Extending the “greening hypothesis” in the context of vacant lot stewardship. *Landscape and Urban Planning*, 197, 103773. https://www.fs.fed.us/nrs/pubs/jrnl/2020/nrs_2020_gobster_002.pdf
- Gobster, P., Hadavi, S., Rigolon, A., and Stewart, W. (2020). Measuring landscape change, lot by lot: Greening activity in response to a vacant land reuse program. *Landscape and Urban Planning* 196, 103729. <https://www.fs.usda.gov/treesearch/pubs/59264>
- Hadavi, S., Kaplan, R., and Hunter, M.C. (2018) How does perception of nearby nature affect multiple aspects of neighborhood satisfaction and use patterns. *Landscape Research* 43 (3): 360-379.
- Hadavi, S. (2017) Direct and indirect effects of the physical aspects of the environment on mental wellbeing. *Environment & Behavior* 49 (10): 1071-1104.
- Hadavi, S., Kaplan, R. (2016). Neighborhood satisfaction and use patterns: Multidimensionality and two-way relationships. *Urban Forestry & Urban Greening* 19: 110-122.
- Hadavi, S., Kaplan, R., and Hunter, M. C. (2015). Environmental affordances: A practical approach for design of nearby outdoor settings in urban residential areas. *Landscape and Urban Planning* 134: 19-32.

Invited Book Chapter

- Hadavi, S., Sullivan, W. C. Environmental aesthetics (2018). In Montello, D. R. (Ed.). *Handbook of Behavioral and Cognitive Geography*. UK: Elgar Publishing. pp.307-321.

Articles in Professional Journals

- Hadavi, S. (2002). Standards for site furniture - Part II. *Scientific Journal of Payam-E-Sabz* (The first professional Landscape Design Journal in Iran). Vol.2, No.10 & 11, pp.24-25.
- Hadavi, S. (2002). Standards for site furniture - Part I. *Journal of Payam-E-Sabz*. Vol.2, No.8 & 9, pp.20-23.
- Hadavi, S. (2002). Book review. *Journal of Payam-E-Sabz*. Vol.2, No.8 & 9, p.30.
- Hadavi, S. (2002). Historical analysis of landscape design during the Renaissance. *Journal of Payam-E-Sabz*. Vol.1, No.6, pp.30-32.
- Hadavi, S. (2002). Book review, *Journal of Payam-E-Sabz*. Vol.1, No.5, p.36.

Invited Lectures/Panel Presentations

- Tehran: The City of Plane Trees. Invited guest lecture for World Cities, Department of Landscape Architecture and Regional and Community Planning, College of Architecture, Planning and Design, Kansas State University, Manhattan, KS. March 28, 2022.
- Vacant Lot Greening, Visual Improvement and Crime Reduction. Landscape Architecture Magazine Editorial Advisory Committee Webinar. July 21, 2021.
- Tehran: The City of Plane Trees. Invited guest lecture for World Cities, Department of Landscape Architecture and Regional and Community Planning, College of Architecture, Planning and Design, Kansas State University, Manhattan, KS. March 29, 2021.
- Preferences and Environmental Affordances: A Data Driven Approach. Invited guest lecture for Environment & Behavior II, Graduate Seminar, Department of Architectural Studies, College of Arts & Science, University of Missouri. February 23, 2021.
- Strategies for a Thriving Future of Landscape Architecture. Invited guest lecture for Advanced Seminar, Department of Landscape Architecture and Regional and Community Planning, College of Architecture, Planning and Design, Kansas State University, Manhattan, KS. October 7, 2020.
- Landscape Impacts on Wellbeing. Guest lecture for Summer Landscape Performance Lab, Department of Landscape Architecture and Regional and Community Planning, College of Architecture, Planning and Design, Kansas State University, Manhattan, KS. June 9, 2020.
- Gardens in Persian Life. Panel Presentation. K-State Book Network (KSBN), College of Architecture, Planning and Design, Kansas State University. October 3, 2019.
- People-centered Design, Nature and Mental Wellbeing. Webinar at the Department of Architecture, Shahid Chamran University of Ahvaz, Iran. April 24, 2019.
- Research Methods in People-oriented Design. Guest lecture for LA 597: Design Research Methods in Landscape Architecture, Department of Landscape Architecture, University of Illinois, Urbana-Champaign, IL. April 11, 2019.
- Innovative People-oriented Planning and Design: An Effective Tool to Improve Wellbeing, College of Architecture, Planning and Design, Kansas State University, Manhattan, KS. March 2019.
- People-oriented Planning and Design: An Effective Tool to Improve Wellbeing, College of Agricultural Sciences and Natural Resources, Texas Tech University, Lubbock, TX. February 2019.
- Switching Gears and Going Small, School of Planning, Design and Construction, Michigan State University, Lansing, MI. February 2019.
- People-oriented Planning and Design as a Tool to Improve Wellbeing, School of Planning, Design and Construction, Michigan State University, Lansing, MI. February 2019.
- People-oriented Design as a Tool to Improve Wellbeing, School of Design and Construction, Washington State University, Pullman, WA. March 2018.
- Implications of Reasonable Person Model in leadership of environmental non-profit organizations. Webinar conducted through Institute for Health and the Environment, University at Albany. August 2, 2017.
- Research design to enable design: A step towards translational design, Erlanger Evenings, Guest lecture at the Department of Landscape Architecture, University of Illinois, Urbana-Champaign. October 13, 2016.
- The effects of the physical environment on neighborhood satisfaction and use in urban residential areas, Guest lecture at the Graduate Faculty of Environment, University of Tehran, Tehran, Iran. April 14, 2014.

Preference study: A practical approach for design of nearby outdoor settings in urban residential areas, PhD Seminar Series, School of Natural Resources and Environment, University of Michigan, Ann Arbor, MI. February 27, 2013.

A provocative debate: Is our industry in tune with what the next wave of homebuyers will want in their communities? Invited as panelist at Urban Land Institute Annual Meeting. Los Angeles, CA. October 25-28, 2011.

The role of behavioral patterns of public space users in design process, Lecture at the 2nd Scientific Symposium on Environmental and Landscape Design, Tehran Beautification Organization, Tehran, Iran. February 3, 2007.

Design considerations for healing gardens and the spatial characteristics of health-care environments, Lecture at Faculty of Agriculture, University of Tabriz, Iran. December 26, 2000.

Conference Presentations

Hadavi, S., and Quincke, M. (June 2022). Creating supportive environments for caregivers in mental health facilities: Three cases from Kansas. *EDRA53: Health in all design: promoting health, equity, sustainability, and resilience through environmental design*. Greenville, SC.

Hadavi, S., and Quincke, M. (March 2022). Supportive environments for mental health facilities: Lessons from therapeutic landscapes and the reasonable person model. *Council of Educators in Landscape Architecture (CELA) Annual Conference*. Santa Ana Pueblo, NM.

Seagrist, E. and Hadavi, S. (March 2022). Green stormwater infrastructure & neighborhood satisfaction: A comparison study on landscape familiarity, aesthetic appreciation, and feelings of safety. *Council of Educators in Landscape Architecture (CELA) Annual Conference*. Santa Ana Pueblo, NM.

Hadavi, S., Rigolon, A., Gobster, P., and Stewart, W. (May 2021). Do Resident-Owner-Led Vacant Lot Greening Activities Reduce Crime in Vulnerable Communities? *EDRA52: Just Environments: Transdisciplinary Border Crossings (Online presentation due to pandemic)*.

Hadavi, S., Rigolon, A., Gobster, P., and Stewart, W. (March 2021). Transfer of vacant lot ownership to residents and their improved level of condition-care predict crime reduction. *Council of Educators in Landscape Architecture (CELA) Annual Conference (Online presentation due to pandemic)*.

Canfield, J., Hadavi, S., Little, S., Lowery, B., and Wang, Y. (March 2021). Grounding the new deal: A multi-scale approach. An interinstitutional panel presentation. *Council of Educators in Landscape Architecture (CELA) Annual Conference (Online presentation due to pandemic)*.

Hadavi, S., Gobster, P., Rigolon, A., and Stewart, W. (April 2020). Evaluating vacant lot reuse programs: A before/after visual landscape assessment approach. *EDRA51: Transform: Socially Embedded Collaboration*. Tempe, AZ (Online presentation due to pandemic).

Hadavi, S., Gobster, P., Rigolon, A., and Stewart, W. (June 2019). Repurposing vacant lots and crime density in residential areas: Do cues to care matter? *International Symposium on Society and Resource Management (ISSRM)*. Oshkosh, WI.

Hadavi, S., Gobster, P., Rigolon, A., and Stewart, W. (May 2019). Crime in residential blocks: Does greening vacant lots matter? *EDRA50: Sustainable Urban Environments*. Brooklyn, NY.

Hadavi, S., Gobster, P., Rigolon, A., and Stewart, W. (2019). Greening vacant lots, visual quality and the issue of crime in urban residential areas: A longitudinal study. *Council of Educators in Landscape Architecture (CELA) Annual Conference*. Sacramento, CA.

- Hadavi, S. and Sullivan, W. C. (2018). Environmental Aesthetics: A non-expert perspective. *Council of Educators in Landscape Architecture* (CELA) Annual Conference. Blacksburg, VA.
- Hadavi, S. (2017). Physical attributes of the environment, travel mode to work, and attentional functioning. *EDRA48: Voices of Place: Empower, Engage, Energize*. Madison, WI.
- Hadavi, S. (2017). Enhancing the experience of student volunteers. *EDRA48: Voices of Place: Empower, Engage, Energize*. Madison, WI. Part of a symposium on “Creating supportive environments to bring out the best in people: Practical and empirical insights” together with Jason Duvall, Nancy Wells, and Avik Basu.
- Hadavi, S. (2016). Using images to investigate perceived landscape structure and its effects on neighborhood satisfaction and use patterns. *EDRA47: Innovation-Shifting Ground*. Raleigh, NC.
- Hadavi, S. (2016). The associations between neighborhood satisfaction and use patterns and their multidimensionality in environment-behavior studies. *EDRA47: Innovation-Shifting Ground*. Raleigh, NC.
- Hadavi, S. (2016). Perceived landscape structure: Use of images to understand the role of landscape structure in neighborhood satisfaction and use patterns. *Council of Educators in Landscape Architecture* (CELA) Annual Conference. Salt Lake City, UT.
- Hadavi, S. (2016). Multidimensionality of neighborhood satisfaction and use patterns and their associations in urban residential areas. *Council of Educators in Landscape Architecture* (CELA) Annual Conference. Salt Lake City, UT.
- Hadavi, S. (2015). Nearby nature and mental wellbeing: The mediating role of neighborhood satisfaction and use pattern. *EDRA46: Brain Storm*. Los Angeles, CA.
- Hadavi, S. (2015). Research design to enable design: A step towards translational design. *EDRA46 Pre-Conference Intensive Workshop: Landscape and Human Health*. Los Angeles, CA.
- Hadavi, S. (2015). Direct and Indirect Effects on Mental Wellbeing: A designer’s perspective. *Council of Educators in Landscape Architecture* (CELA) Annual Conference. Manhattan, KS.
- Hadavi, S. (2014). How is mental wellbeing affected by neighborhood satisfaction, proximity to green spaces, and use pattern? *EDRA45: Building with Change*. New Orleans, LA.
- Hadavi, S. (2014). A practical research tool for assessing perceived environmental qualities to use in the design process. *Council of Educators in Landscape Architecture* (CELA) Annual Conference. Baltimore, MD.
- Hadavi, S. (2014). Interrelating the factors affecting mental wellbeing: Proximity to green spaces, neighborhood satisfaction, and use pattern. *Council of Educators in Landscape Architecture* (CELA) Annual Conference. Baltimore, MD.
- Hadavi, S. (2008). Revising Road Design Projects from Biodiversity and Conservation Perspective. The 4th National Congress of Civil Engineering. University of Tehran. Tehran, Iran.
- Hadavi, S., and Kafi, M. (2000). Vertical Landscape Design. The 2nd Iranian Horticultural Sciences Congress. Karaj, Iran.
- Hadavi, S. and Kamvar, A. (1999). The Importance of Landscape Design in Relation with Environmental Planning. The 2nd National Conference of Landscape Design. Tehran, Iran.

Selected Professional Experiences

Research:

The Large Lot Program | 2018-present

Department of Recreation, Sport and Tourism, University of Illinois, Urbana-Champaign, IL

Collaboration with Dr. William Stewart (PI).

Outdoor classrooms and their relationship to learning and teaching | 2017

Department of Crop Sciences/Horticulture, University of Illinois, Urbana-Champaign, IL

Collaboration with Dr. Andrea Taylor (PI).

Reasonable Person Model | 2015-2016

reDirect, Ann Arbor, MI

Research Consultant

Identified and worked with organizations to enhance their effectiveness, guided by the tenets of the Reasonable Person Model, survey design, data analysis.

Research Associate | February 2015-August 2015

School of Natural Resources and Environment, University of Michigan.

Teaching:

Assistant Professor

Master's Report (LAR 898) | Spring 2020, 2021, 2022

Master's Project Studio II (LAR 710) | Spring 2020, 2021, 2022

Master's Project Studio I (LAR 705) | Fall 2019, 2020, 2021

Proposal Writing (LAR 897) | Fall 2019, 2020, 2021, Spring 2022

Advanced Studio (LAR 648/740) | Fall 2019, 2021

Advanced Seminar (LAR 750) | Fall 2019, 2021

Department of Landscape Architecture and Regional & Community Planning, Kansas State University

Instructor

Behavioral Factors in Design (LA 270) | Spring 2018, 2019

Department of Landscape Architecture, University of Illinois (UIUC)

Co-Instructor

Environmental Sustainability (LA 370) | Fall 2017, 2018

Research Design & Methods (LA 597) | Spring 2017

Department of Landscape Architecture, University of Illinois

Teaching Assistant

Children and Nature (HORT 430) | Spring 2017

Department of Crop Sciences, University of Illinois

Environmental Sustainability (LA 370) | Fall 2016

Department of Landscape Architecture, University of Illinois

Metropolitan Design Studio (NRE 787) | Winter 2012

School of Natural Resources and Environment, University of Michigan

Design:

Vertical Landscape Development | 2009

Tehran Beautification Organization, Tehran, Iran

Consultant/Landscape Designer

Complete site inventory of the existing conditions, cataloging and documentation of existing natural elements and vegetation, proposed alternative irrigation systems, and planting design.

Landscape Design of Shahid Bagheri Complex | 2008

District 22, City of Tehran, Tehran, Iran

Landscape Designer

Pedestrian space design based on residents' needs, placement of site furniture, and planting design.

Planting Design of Azadegan Highway and the 2nd phase of Saahel park | 2008

District 22, City of Tehran, Tehran, Iran

Planting Designer

Planting design, creating technical maps for the sites at 1:200 scale.

Site Furniture and Landscape Design of Roshdieh Complex | 2007-2008

Baghmisheh Construction Company, Tabriz, Iran

Consultant/Designer

Site inventory of the existing conditions of vegetation and site furniture, proposed new site furniture and placement of the furniture for the entire complex, collaboration in the process of sidewalk design with a senior designer.

Touran Management Plan | 2006-2008

Iran Department of the Environment, Semnan, Iran

Consultant/Environmental Designer

Site inventory of the existing natural conditions, site analysis, GIS modeling for management zoning, design of visitor trails and boardwalks, design of informational and guidance signs for the entire site, creating demarcation maps, design of recreational zones, and creating plans for wildlife over/underpasses.

Design of Ghourchay Park | 2006

District 21, City of Tehran, Tehran, Iran

Environmental Design Consultant

Site inventory and analysis, mapping, and visual landscape assessment of the project.

Leadership, Service and Volunteer Activities

Journal Reviewer

Landscape and Urban Planning | 2016, 2017, 2018, 2020, 2021, 2022

Health & Place | 2022

Urban Forestry and Urban Greening | 2020

Landscape Research | 2020

Landscape Research Record | 2015, 2016, 2019

Cities | 2018

Conference Paper/Abstract Reviewer

Council of Educators in Landscape Architecture (CELA) |2013-2022

Environmental Design Research Association (EDRA 43-51) | 2011-2022

PhD Dissertation Committee Member | 2019-2022

Kansas State University

Academic Affairs Committee Member | 2022

Kansas State University

Master's Report Committee Member | 2021

Regional and Community Planning, Kansas State University

Olmsted Scholar Review Committee | 2020, 2021, 2022

Kansas State University

Fountain Scholar Program Selection Committee | 2020, 2021, 2022

Kansas State University

Ealy Scholarship Review Committee | 2020, 2021, 2022

Kansas State University

Invited Critic/Jury

Kansas State University, College of Architecture, Planning and Design
Socio-Ecological Systems Studio | Spring 2022
Final Master's Project in Interior Design | Spring 2022
History and Design Studio | Spring 2022
Kansas City Design Center, Architectural Design Studio Final Review | Spring 2021, 2020
Environmental Design Studio 2 | Spring 2021, 2020
Kansas City Design Center, Architectural Design Studio VII | Fall 2020
Modeling Landscapes | Fall 2020, 2019
Site Research and Design Studio | Fall 2019
Environmental Design Studio 1 | Fall 2019

University of Oklahoma, College of Architecture
Green New Deal Superstudio | Spring 2021

University of Nebraska-Lincoln, College of Architecture
Urban Design Studio, Green New Deal Superstudio | Fall 2020

Portland State University, School of Architecture
Architectural Design Studio | Spring 2020

University of Illinois, Department of Landscape Architecture
BMP Design Workshop | Spring 2019

Harvard Graduate School of Design, Department of Landscape Architecture
First-year MLA-I Studio | Fall 2018

University of Illinois, Department of Landscape Architecture
Present Tense Design Workshop | Spring 2018

University of Michigan, School of Natural Resources and Environment, MLA Program
Place and Environment Studio | Fall 2015
Principles of Ecological Design | Winter 2013 & 2014
Planting Design | Fall 2013
Landscape as Media | Fall 2010 & 2011

ASLA Advocate, Illinois Chapter, Washington DC | May 2019

Board/Committee Member

Urban Design Professional Practice Network (PPN) Leadership Team, *The Field* Editor, American Society of Landscape Architects (ASLA), appointed for two years | November 2020-present.

Landscape Architecture Magazine Editorial Advisory Committee, American Society of Landscape Architects (ASLA), appointed for two years | November 2020-present.

Climate Action Leader, Kansas State University representative at the Climate Action Committee, American Society of Landscape Architects (ASLA) | September 2020-present.

Associate Advisory Committee, American Society of Landscape Architects (ASLA), appointed for two years | October 2018-November 2020

Students Association Against Poverty (SAAP) | 2014-2016
University of Michigan, Ann Arbor, MI
Co-organized three public fundraising and cultural events each year.

Iranian Graduate Students Association | 2010-2011
University of Michigan, Ann Arbor, MI
Co-organized five public cultural events through the year, collaborated with six other student associations in organizing a multi-cultural festival, organized two lecture events with guest speakers.

Scientific Committee, Iranian Society of Landscape Professions (ISLAP) | 2000-2003
Tehran, Iran

Executive Board, The 2nd Scientific symposium on Environmental and Landscape Design | February 3, 2007
Tehran Beautification Organization, Tehran, Iran

Collaborated in planning for the symposium and defining the themes of the panels, invited guest speakers and panelists.

Executive Board, The 1st Scientific symposium on Environmental and Landscape Design | February 3, 2006
Graduate Faculty of Environment, University of Tehran, Tehran, Iran

Editorial Board, Scientific and Educational Monthly Journal of Payam-E-Sabz | 2001-2003

Mentor

Undergraduate Research Opportunity Program (UROP) | Fall 2013-Winter 2014

University of Michigan, Ann Arbor, MI

Trained an undergraduate student to assist in research process, including teaching her to use ArcGIS for geocoding data and mapping, EndNote for archiving research papers, SPSS software for survey data entry; introduced the student basics of qualitative and quantitative research methods and research design.

Director of Student Committee

Iranian Society of Landscape Professions (ISLAP) | 2008-2009

Tehran, Iran

Professional Membership

- American Society of Landscape Architects (ASLA), USA | 2009-
- Council of Educators in Landscape Architecture, USA | 2014-
- Environmental Design Research Association (EDRA), USA | 2010-
- American Public Health Association (APHA), USA | 2014-
- The American Association for the Advancement of Science (AAAS), USA | 2015-
- International Association for Society and Natural Resource (IASNR), USA | 2019-2020
- Project for Public Spaces (PPS), USA | 2008-2012
- Iranian Association of Environmental Assessment (IAEA), Iran | 2004-2009
- Iranian Society of Landscape Professions (ISLAP), Iran | 2000-2009

Interests

- Translational design for urban spaces
- Environment-behavior and everyday landscapes
- Spatial analysis
- Socio-environmental equity
- Restorative environments/Nature and wellbeing
- Attention Restoration Theory (ART)
- Community engagement in design
- Supportive Environments for Effectiveness (SEE)
- Urban vacancy
- Urban agriculture