

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 of Natural Resources and Environment, 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

- 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.
- 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.
- 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.
- 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.

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 Presentation

- Strategies for a Thriving Future of Landscape Architecture. 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., 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 Meeting*. Sacramento, CA.
- Hadavi, S. and Sullivan, W. C. (2018). Environmental Aesthetics: A non-expert perspective. *Council of Educators in Landscape Architecture (CELA) Annual Meeting*. 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 Meeting*. 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 Meeting*. 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 Meeting*. 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 Meeting*. 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 Meeting*. 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

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

Advanced Studio on Urban Vacancy (LAR 648) | Fall 2019

Advanced Studio Seminar on Urban Vacancy (LAR 750) | Fall 2019

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

Proposal Writing (LAR 897) | Fall 2019

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

Instructor

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

Department of Landscape Architecture, University of Illinois (UIUC)

Co-Instructor

Environmental Sustainability (LA 370) | Fall 2018 | Fall 2017

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 Roshdiah 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 analysis, creating maps, and visual landscape assessment of the project.

Leadership, Service and Volunteer Activities

Journal Reviewer

Urban Forestry and Urban Greening | 2020

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

Landscape Research Record | 2015, 2016, 2019

Cities | 2018

Conference Paper/Abstract Reviewer

Council of Educators in Landscape Architecture (CELA) | 2013-2020

Environmental Design Research Association (EDRA 43-51) | 2011-2020

PhD Dissertation Committee Member | 2019-

Kansas State University

Ealy Scholarship Review Committee | 2020

Kansas State University

ASLA Advocate, Illinois Chapter, Washington DC | May 2019

Invited Critic/Jury

Kansas State University, College of Architecture, Planning and Design

Architectural Design Studio VII | Fall 2020

Environmental Design Studio 2 | Spring 2020

Kansas City Design Center | Spring 2020

Site Research and Design | Fall 2019

Modeling Landscapes | Fall 2019

Environmental Design Studio 1 | Fall 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

Board/Committee Member

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

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

- International Association for Society and Natural Resource (IASNR), USA | 2019-2020
- The American Association for the Advancement of Science (AAAS), USA | 2015-
- American Public Health Association (APHA), USA | 2014-
- Council of Educators in Landscape Architecture, USA | 2014-
- Environmental Design Research Association (EDRA), USA | 2010-
- American Society of Landscape Architects (ASLA), USA | 2009-
- 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, everyday landscapes
- Spatial analysis
- Restorative environments/Nature and wellbeing
- Attention Restoration Theory (ART)
- Participatory design/community engagement
- Reasonable Person Model (RPM) and its application in design process
- Urban vacancy