

Mandana Motamed

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Education

College of Design, University of Minnesota, Twin Cities, MN

2012-2016

- PhD in Design (Overall GPA: 3.84/4)
 - **Topic:** Role of Visual Affordance of a Spatial Layout on Human Interactions at a Work Environment

Interdisciplinary Design Institute, Washington State University, Spokane, WA

2010-2012

- Doctor of Design student (Overall GPA: 3.97/4)
 - **Topics:**
 - The Impact of Physical Environment on Creativity
 - The Impact of Physical Environment on Patients with Neurodegenerative Brain Diseases

Chalmers University of Technology, Department of Civil and Environmental Engineering, Gothenburg, Sweden

2008-2010

- Master's Degree in Design and Construction Project Management
 - **Topic:** Healthcare Facility Design and Architecture: Trends and Drivers

Azad University, Tehran Central Branch, Faculty of Art and Architecture, Tehran, Iran

1998-2005

- Master's Degree in Architectural Engineering (Overall GPA: 17.31/20)
 - **Topic:** Ecotourism in Desert: Designing a Multi-Functional Recreation Center (Type A, Grade1) in Central Desert of Iran

Academic Experience

Interior Design Program, Sam Houston State University, Huntsville, TX

09/01/2017

Present

- Assistant Professor (Tenure-track)

Duties: • Teaching interior design courses to undergraduate students • Preparing and presenting series of lectures for assigned courses to instruct the subject matter to the students and answer their questions • Grading and redlining students' projects, tests, assignments, to better serve them as an instructor by drawing their attention to their mistakes and giving them constructive feedback to solve the problems and monitor their progress • Holding office hours to meet with the students for addressing their questions and concerns regarding the subject matter and to teach them extra materials if necessary or upon their requests • Holding individual and group desk critiques with the students to coach them through the process of design by giving them constructive feedback on their work and checking their progress at work • Networking and setting up a research platform • Serving on the Space management committee on campus • Participating in departmental and program meetings and events • Participating in continuing education workshops.

Teaching Topic: Interior Lighting Design, Interior Space Planning, Senior Studio (medical workplace)

Research Topic: The impact of spatial visibility on employee face-to-face interactions at work environments

Interior Design Program, Sam Houston State University, Huntsville, TX

05/31/2017

08/03/2017

- Assistant Professor (Tenure-track)

Duties: • Serving as an internship coordinator to coach students through the process of internship and monitor their progress • Grading students' assignments to increase their knowledge of specified content and improve their understanding of course topics • Holding office hours to meet with students to address questions and concerns regarding subject matter, course requirements, and offer professional advice

Teaching Topic: Internship

Research Topic: A methodology for evaluating the spatial variability

Interior Design Program, Sam Houston State University, Huntsville, TX

01/16/2017

05/31/2017

- Assistant Professor (Tenure-track)

Duties: • Teaching interior design courses to undergraduate students • Preparing and presenting series of lectures for assigned courses to instruct the subject matter to the students and answer their questions • Grading students' assignments, projects, and tests to increase their knowledge of specified content and improve their understanding of course topics • Holding office hours to meet with the students to address questions and concerns regarding subject matter, course requirements, and offer professional advice • Providing the opportunity for several day-trips to design firms to facilitate networking with professionals and to instruct students about business practices in the design industry • Setting up senior students with professional mentors to provide them with professional tutoring and help • Inviting guest lecturers to speak in the class about subject matter as well as the students' topics of interest to teach them extra course material and knowledge and allow students direct contact with professionals • Holding individual and group desk critiques with

the students to coach them through the process of design by providing constructive feedback on their work and checking their progress at work• Networking and setting up a research platform• Serving on the Space Management Committee on campus• Participating in departmental and program meetings and events• Participating in continuing education workshops.

Teaching Topic: Interior Design Professional Practice, Interior Design for Non-majors, Senior Studio (Hospitality)

Research Topic: A methodology for evaluating the spatial variability

College of Design, University of Minnesota, Twin Cities, MN

09/07/2015

05/29/2016

- Research Assistant

Duties: • Editing a book manuscript to comply with publisher's guidelines• Supervising two undergraduate research assistants preparing book illustrations, provided instruction to them for the subject matter of the book to ensure their quality of work being produced, as well as assuring their timely progress towards completion• Assisting in organizing a symposium and a traveling exhibit• Preparing a project schedule for the book, the symposium, and the exhibition to map their timely progress• Assisting in the preparation of grant applications• Contributing in writing a conference abstract, conducting the literature review, and the space syntax analysis and discussion for, "A comparison analysis of flats from the Netherlands and the United States", presented by Dr. Robinson at IAPS 24 Conference: The Human Being at Home and Leisure, Lund/Alnarp, Sweden. The abstract is published in the conference proceedings.

Research Topic: Dutch Complex Housing

Fraser, Minneapolis, MN

05/26/2015

08/14/2015

- Design Research Project Consultant

Duties: • Reviewing literature found in multiple databases related to health and the built environment (with specific concentration on Autism) and holding weekly discussion with the supervisor to provide consultation and instruction about the design of built environments for ASD children• Preparing an annotated bibliography out of a vast body of literature for the supervisor to read and discuss further. Provided consultation and instruction concerning the subject matter• Working toward creating a set of guidelines for designing clinics and daycares specifically related to children with ASD and other neurodevelopmental challenges• Provided consultation and instruction concerning the subject matter• Exploring design recommendations and anecdotal information that can be found in literature as well as existing design guidelines• The existing guidelines were presented to the supervisor to provide consultation and instruction concerning the status quo and to identify areas of improvements.

Research Topic: Design for Children with ASD and other neurodevelopmental challenges

Research Topic: The impact of spatial layout on employee face-to-face interactions at work environments.

College of Design, University of Minnesota, Twin Cities, MN

08/25/2014

05/25/2015

- Teaching Assistant

Fall 2014 Duties: • Holding recitation sessions to teach students about the subject matter and help them with class projects and class activities and to monitor students' progress• Grading and redlining students' projects, tests, assignments, to better serve them as an instructor by drawing their attention to their mistakes and giving them constructive feedback to solve the problems and monitor their progress• Holding office hours to meet with the students for addressing their questions and concerns regarding the subject matter and to tutor them when necessary or upon their requests• Attending lectures to keep track of information communicated with the students and use the information for more effective instruction during the recitation session and office hours• Attending test sessions and serving as a proctor to supervise as well as to address students' questions and concerns and to give them clearer instructions about the test• Attending weekly meeting with the supervisor and other graduate assistants to unify efforts in regards to grading, as well as students' questions and concerns, to use the information for more effective teaching during the recitation sessions and office hours.

Teaching Topics: Design Thinking including Design Process, Visual analysis of Elements and Principles of Design, Design Theory, Cultural Aspects of Design, Student Lounge Design, Health Clinic Design, Museum Design, and Retail Design.

Spring 2015 Duties: • Teaching Interior Design Sophomore studio• Holding individual and group desk critiques with the students to instruct them through the process of design by giving them constructive feedback on their work and checking their progress at work• Holding critique/presentation sessions with actual clients for the students to teach them how to work with real clients and help them to get ready for future work experiences• Lecturing and teaching studio-related subjects including building systems to the students• Organizing site visits to teach students how to gather and document necessary information about the existing building• Grading and redlining students' projects, tests, assignments, to better serve them as an instructor by drawing their attention to their mistakes and giving them constructive feedback to solve the problems and monitor their progress• Holding office hours to meet with the students for addressing their questions and concerns regarding the subject matter and to tutor them when necessary or upon their requests.

Teaching Topics: Classroom Design, Health Clinic Design (Design for Autism), Museum/Exhibition Design.

College of Design, University of Minnesota, Twin Cities, MN

08/26/2013

05/25/2014

- Graduate Instructor

Fall 2013 Duties: • Teaching Interior Design Sophomore studio• Teaching students how to draw one point and two point perspectives and how to render with marker and color pencil• Holding individual and group desk critiques with the students to coach them through the process of design by giving them constructive feedback on their work and checking their progress at work• Holding critique/presentation sessions with actual clients for the students to teach them how to work with real clients and help them to get ready for future work experiences• Lecturing and teaching studio-related subjects ranging from rendering and perspectives drawings to presentation skills, window coverings and treatments, and wood/millwork• Organizing site visits to teach students how to gather and document necessary information about the existing building• Grading and redlining students' projects, tests, assignments, to better

serve them as an instructor by drawing their attention to their mistakes and giving them constructive feedback to solve the problems and monitor their progress• Holding office hours to meet with the students for addressing their questions and concerns regarding the subject matter and to teach them extra materials if necessary or upon their requests.

Teaching Topics: Rendering, Perspective drawings, Student lounge design, Retail Design

Spring 2014 Duties: • Teaching Interior Design Sophomore studio• Holding individual and group desk critiques with the students to coach them through the process of design by giving them constructive feedback on their work and checking their progress at work• Holding critique/presentation sessions with actual clients for the students to teach them how to work with real clients and help them to get ready for future work experiences• Lecturing and teaching studio-related subjects including building systems to the students• Organizing site visits to teach them how to gather and document necessary information about the existing building• Grading and redlining students' projects, tests, assignments, to better serve them as an instructor by drawing their attention to their mistakes and giving them constructive feedback to solve the problems and monitor their progress• Holding office hours to meet with the students for addressing their questions and concerns regarding the subject matter and to teach them extra materials if necessary or upon their requests.

Teaching Topics: Student Lounge Design, Health Clinic Design, Museum/Exhibition Design.

College of Design, University of Minnesota, Twin Cities, MN

01/10/2013

05/27/2013

• Graduate Instructor

Duties: •Teaching Interior Design Sophomore studio. • Holding individual and group desk critiques with the students to coach them through the process of design by giving them constructive feedback on their work and checking their progress at work• Holding critique/presentation sessions with actual clients for the students to teach them how to work with real clients and help them to get ready for future work experiences• Lecturing and teaching studio-related subjects including building systems to the students• Organizing site visits to teach students how to gather and document necessary information about the existing building• Grading and redlining students' projects, tests, assignments, to better serve them as an instructor by drawing their attention to their mistakes and giving them constructive feedback to solve the problems and monitor their progress• Holding office hours to meet with the students for addressing their questions and concerns regarding the subject matter and to teach them extra materials if necessary or upon their requests.

Teaching Topics: Student Lounge Design, Health Clinic Design, Museum/Exhibition Design.

College of Design, University of Minnesota, Twin Cities, MN

08/27/2012

01/10/2013

• Research Assistant

Duties: • Reviewing literature by searching through multiple databases• Preparing an annotated bibliography out of a vast body of literature• Organizing publication lists and convert them into different writing styles (such as APA and Chicago)• Categorizing research findings and organizing them based on the theoretical framework of the study• Collaborating in planning a workshop for teenager students along with preparing posters for these events• Participated in the workshop and served as a facilitator to provide instructions and guidance to the students on how to do the assigned activities• Researching IRB procedures and requirements• Preparing Power Point presentations and inquiring technical information for a science lab• Grading student CAD projects, providing instruction to students about their mistakes and giving them constructive feedback to solve their problems and monitor their progress.

Research Topics: Architecture and Phenomenology, CAD and Creativity, Lighting and Productivity, Lighting and Wellbeing, Cultural aspects of Native American Tribes, Diversity and Design.

Interdisciplinary Design Institute, Washington State University, Spokane, WA

08/16/2011

05/15/2012

• Research Assistant

Duties: • Attending studio sessions to assist in teaching the subject matter and trouble shoot students' questions and answers• Updating class materials in the student portal• Grading students' projects, tests, and assignments• Provided instruction to students concerning their mistakes and giving them constructive feedback to improve and monitor their progress• Participating in lab sessions for trouble shooting and facilitating students' learning by teaching them how to utilize AutoCad and draw interior construction detailing• Holding office hours to meet with the students for addressing their questions and concerns regarding the subject matter and to teach them extra materials if necessary or upon their requests• Helping the students in researching studio materials by teaching them how to find information they need in databases and other sources of information• Editing and improving existing 3D and 2D CAD Drawings given by the supervisor.

Teaching Topics: Interior Construction Detailing, Architecture studio in Museum Design, and Design of a Trailer for Nomads.

Interdisciplinary Design Institute, Washington State University, Spokane, WA

05/09/2011

07/29/2011

• Teaching Assistant

Duties: • Reviewing literature by searching through multiple databases related to health and built environments to help my supervisor in instructing the students about the subject matter• Preparing an annotated bibliography out of a vast body of literature• Collaborating in preparing a survey questionnaire.

Research Topics: Creativity and Physical Work Environments; Health and Built Environments

Interdisciplinary Design Institute, Washington State University, Spokane, WA

08/16/2010

05/15/2011

• Teaching Assistant

Duties: • Attending Studio Sessions to help in teaching the subject matter and trouble shoot students' questions and answers• Updating class materials in the student portal• Holding office hours to meet with the students for addressing their questions and concerns

regarding the subject matter and to teach them extra materials if necessary or upon their requests • Helping the students in researching studio materials by teaching them how to find information they need in databases and other sources of information • Researching about BIM and CAD

Teaching Topics: Architecture studio explorations

Professional Experience

"Tarh va Afarinesh" Architectural and Engineering Consultants, Tehran, Iran

2005-2008 • Team Leader

Duties: Coordinated various drawings of a project to reassure the compatibility among them; Oversaw draftspersons to make sure they consider project requirements; Checked code related issues in drawings before they are sent to code officials;

Projects: Kermanshah Grand Hotel, Apple Rest Area, Novotel Grand Hotel, Kandovan Cave Hotels, Hilton Grand Hotel-Extension Part, Roof Garden, multi-story parking lot, and Winter Garden

"Tarh va Afarinesh" Architectural and Engineering Consultants, Tehran, Iran

2005-2008 • Architect

Duties: Actively engaged in Schematic and Developmental phases of the design process as the responsible architect; Designed and prepared construction details; Held meetings and coordinated design requirements with structural, mechanical, electrical and civil engineers.

Projects: Kermanshah Grand Hotel, Apple Rest Area, Novotel Grand Hotel, Kandovan Cave Hotels, Hilton Grand Hotel- Extension Part, Roof Garden, multi-story parking lot, and Winter Garden, Recreational Center of Safaiyeh Grand Hotel, Asalooyeh Residential Park and Restaurant

"Tarh va Afarinesh" Architectural and Engineering Consultants, Tehran, Iran

2005-2008 • Assistant Project Manager

Duties: Coordinated with the project control team to make sure the project was progressing according to the schedule; Coordinated meetings with clients and other stakeholders; Prepared weekly report and met with the project manager; Filled in for the project manager as needed.

Projects: Hilton Grand Hotel- Extension Part, Roof Garden, multi-story parking lot, Winter Garden, Recreational Center of Safaiyeh Grand Hotel

"Archolog" Engineering Consultants, Tehran, Iran (2003-2005)

2003-2005 • Senior Draft Person and 3D Operator

Duties: Prepared rendered exterior and interior 3D view of the project and applied changes upon request.

Projects: Mahshahr Residential Park

"Eckrun" Engineering Group, Tehran, Iran (2001-2003)

2001-2003 • Senior Draft Person and 3D Operator

Duties: Prepared rendered exterior and interior 3D view of the project and applied changes upon request.

Projects: Pasdaran Residential Complex

Publication and Other Works

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| 2017 | • Mandana Motamed, A methodology for evaluating the spatial variability, Presentation at EDRA 48-Madison and published in the conference proceedings. |
| 2016 | • Mandana Motamed, Role of Visual Affordance of a Spatial Layout on Human Interactions at a Work Environment, PhD dissertation, College of Design, University of Minnesota, Minneapolis, MN, USA |
| | • Julia Robinson and Mandana Motamed, A comparison analysis of flats from the Netherlands and the United States, Presented by Dr. Robinson at IAPS 24 Conference: The Human Being at Home, Work, & Leisure, Lund/Alnarp, Sweden. |
| 2014 | • Abimbola Asojo and Mandana Motamed, <i>Boynton + Interior Design Partner for Better Health Care</i> , Featured in: Emerging, Spring 2014, Volume 8, Number 2 |
| 2012 | • Mandana Motamed, <i>The Ethereal Hands of Support: Trends and Drivers of the Supporting Network in Healthcare Facility System</i> , May-June 2012, Published as a full paper in EDRA 43 proceedings, Seattle, WA, USA |
| 2010 | • Mandana Motamed, <i>Healthcare Facility Design and architecture (Trends and Drivers)</i> , Chalmers University of Technology, Gothenburg, Sweden |
| 2006 | • Mandana Motamed, <i>Ecotourism in Desert Area</i> , Poster Presentation, The abstract publishing in the conference proceedings. Scientific-Regional Conference, Ardestan, Isfahan, Iran |
| 2005 | • Mandana Motamed, <i>Designing a multi-functional recreational center (type A, Grade1) in Persian central desert</i> , Azad University (Tehran Central Branch), Tehran, Iran |
| 2001-2002 | • Mandana Motamed, Raheleh Okhovat, and Maryam Ayoubi, <i>Rural Architecture of Asef Abad</i> , Specialty Seasonal Magazine of Housing Foundation, Autumn 2001 and Winter 2002, Numbers 95,96 |

Awards and Honours

- 2014 • Barbara Lee Award (Teaching Excellence in Community Engagement) by Boynton Health, Minneapolis, MN, USA
- 2013 • Interior Design Educators Council (IDEC) Scholarship, Indianapolis, IN, USA
- 1998 • Ranked Below 200 among more than a million participants in the IAU Nationwide entrance exam, Tehran, Iran
- 1997 • Ranked 36th among thousands of participants in the entrance exam of College, Tehran, Iran
- 1996 • Accepted as an entrant to the Nationwide Mathematics Olympiad. Tehran, Iran
- 1990 • Accepted by NODET (National Organization for Developing Exceptional Talents) entrance exam

Skills

- Software* • 2D & 3D-Autocad, 3D-Studio Max, Adobe Photoshop, Microsoft Office, Revit Architecture (Basics), DepthmapX
- Language* • Persian/Farsi (Native-Language Fluency), English (Second-Language Fluency), French (Basics)