

SANAZ CHAMANARA

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| Education | <p>University of Michigan (Ann Arbor, MI) Ph.D., Environment and Sustainability, School for Environment and Sustainability, Expected August 2022</p> <p>M.A., Landscape Architecture, School of Natural Resources and Environment, August 2017. Thesis: Distance from Neighborhood Green Infrastructure in Detroit and Impact on Perception of Safety. Committee members: Professor Joan Nassauer, Professor Mark Lindquist.</p> <p>Shahid Beheshti University; National University of Iran (Tehran, Iran) M.A., Landscape Architecture, January 2012. Thesis: Urban Landscape Development with emphasis on Productive Landscapes. Committee members: Professor Mahdi Sheybani, Professor Hasan Taghvaei. With Highest Departmental Distinction, and best thesis award.</p> <p>Iran University of Science and Technology (Tehran, Iran) B.A., Architectural Engineering, September 2009. With Highest Departmental Distinction.</p> <hr/> |
| Teaching Experience | <p>University of Michigan (Ann Arbor, MI) Invited Lecturer, School for Environment and Sustainability (SEAS), Feb 2020 EAS 531: Geographic Information Systems and Geographic Positioning Systems</p> <p>University of Michigan (Ann Arbor, MI) Graduate Student Instructor, Sep 2018 – December 2020 EAS537: Urban Sustainability (one semester) EAS531: Principles of Geographic Information Systems (Two semesters)</p> <p>National University of Iran (Tehran, Iran) Lecturer, Sep 2012 – Present Online Courses in different topics to Iranian Students. Providing curriculum for courses in Environmental Sustainability for the new program.</p> <p>University of Shiraz (Shiraz, Iran) Lecturer, Sep 2012 – April 2015 Introduction to Landscape Architecture, Design Studio 2 (Landscape Design), Architectural Expression I. Design Critic in Shiraz University of Art and Architecture.</p> <p>Volunteer Instructor (Iran) Sep 2012 – April 2015 Worked with volunteer groups in Iran for educating women and girls. Organized workshops in Southern parts of Iran about the importance of education.</p> <hr/> |

Professional Experience

DEI Rackham Professional Program (Ann Arbor, MI)

Student Mentorship, Oct 2017 - April 2018

Increasing DEI knowledge and skills to work in a diverse environment.

Student Mentorship for Doris Duke Conservation Scholars.

Ross Leaders Academy, Ross School of Business (Ann Arbor, MI)

Team Member, Sep 2017 - April 2018

Leadership skills development: Reflective and Transformational Leadership Skills, Communication, Working with others, Self-awareness.

Landscape Ecology, Perception and Design Lab (Ann Arbor, MI)

Graduate Student Assistant, Sep 2015 – Aug 2017

Provided Visualization for the Detroit Green Infrastructure Project.

Analyzed pre and post surveys with ArcGIS for the Detroit GI pilot project.

Designed new website for Professor Joan Nassauer.

Sangab Gostare Shiraz Company (Shiraz, Iran)

Architect and Landscape Architect, Jan 2012 – May 2015

Designed Master plan for affordable residential projects.

Assisted in on-site design and management of construction project.

Designed backyards and green roofs in Shiraz, Karaj and Chabahar Cities.

Worked with AutoCad, SketchUp, InDesign, Photoshop and Illustrator to visualize the projects.

Online Landscape Journal, bazaar Research center (Tehran, Iran)

Editor, Aug 2010 – September 2012

Increased Knowledge of Landscape Architecture and Urban Planning of Iranian student.

Planning workshops and conferences for introducing new ideas to students.

Research Experience

University of Michigan, Ann Arbor, MI

Graduate Student Researcher, Sep 2017 – Present

Currently working on the Environmental Justice and beef supply chain.

Working with professor Joshua P Newell as part of the NSF project.

Working on the power dynamics in the meat supply chain in California.

Conducted an extensive Literature Review on Social-Life Cycle Assessment.

Conducted Analysis on Environmental Justice regarding meat supply chain in California.

University of Michigan, Ann Arbor, MI

Graduate Student Researcher, Sep 2015 – Sep 2017

Worked with professor Joan Nassauer as part of the social science team on white paper for Detroit Green Infrastructure Project.

Conducted an extensive Literature Review on Safety and Crime Impact on GI projects.

Conducted GIS Analysis on perception of safety in Detroit Warrendale Neighborhood.

Environment Civil reconstruction of Persian Green city, Tehran, Iran

Research Associate, Jan 2012 – May 2015

Conducted research on social cohesion, community planning and citizen participation in urban projects.

Collaborated with Shiraz Municipality and University of Shiraz on revitalization of urban-garden projects.

Organized workshops on Environmental issues and the role of women on them.

Shahid Beheshti University, Tehran, Iran
Graduate Student Researcher, Sep 2010 – Jan 2012
Conducted research on Green Infrastructure, Urban agriculture and Sustainability.
Organized an exhibition about Landscape Urbanism.

Iran University of Science and Technology, Tehran, Iran
Research Assistant, Sep 2010 – Jan 2012
Conducted research on five major issues on Green Architecture: Green Design and Sustainability, Energy Efficiency and Renewable Energy, Conservational of Materials and Resources, The costs of Green Architecture, Eco Design.

Publications

Peer-Reviewed:

Chamanara, S., Goldstein, B., & Newell, J. P. (2020). Where's the beef? Costco's meat supply chain and environmental justice in California. *Journal of Cleaner Production*, 278, 123744.

Newell, J, Chamanara, S. (2020). How does Urban relate to the Elsewhere? *Progress in Human Geography*. (Under review)

Chamanara, S., (2017). Distance from Neighborhood Green Infrastructure (GI) in Detroit and Impact on Perception of Safety. University of Michigan, Ann Arbor.

Chamanara, S., (2016). Efficient multiscale approach for the integration of continuous multi-functional green infrastructure in Tehran city, Iran. *International Journal of Urban Sustainable Development*, 8(2), 174-190.

Chamanara, S., (2016). Revitalizing Urban Gardens: The Transfer of Development Approach Rights in Shiraz, Iran. *Agora Journal of Planning And Design*, University of Michigan, Ann Arbor.

Chamanara, S. (2012). Productive Urban Network: A strategy for Urban Sustainable development. *Manazr: The Iranian Scientific Journal of Landscape Architecture* 4 (20), 78-82.

Conference Presentations

Chamanara, S. (2020). *Environmental Justice of beef Supply Chain. AAG: American Association of Geographers, Denver, Colorado, April 2020.*

Chamanara, S. (2019). *How does Urban relate to the Elsewhere? AAG: American Association of Geographers, Washington DC, April 2019.*

Chamanara, S. (2018). *Distance from Neighborhood Green Infrastructure (GI) in Detroit and Impact on Perception of Safety. AAG: American Association of Geographers, New Orleans, LA. April 2017.*

Chamanara, S. (2017). *Distance from Neighborhood Green Infrastructure (GI) in Detroit and Impact on Perception of Safety. Capstone Conference, School of Natural resources and Environment, April 2017.*

Chamanara, S. (2013). *Tebran's Green-Blue Productive Infrastructure, Swedish University of Agricultural Sciences and Saint-Petersburg State Forest Technical University, Water Landscape and Urbanization.*

Chamanara, S. (2013). *Hierarchical Integration of Multifunctional Landscape in Tebran. WASET Conference: International Conference on Urban Planning and Regional Development. Dubai, December 2013.*

Chamanara, S. (2012). *Revitalizing the Layers of Urban gardens in Shiraz, Iran, CELA Conference, (Space, Time, Place, Duration).*

Awards & Fellowships

Rackham One-term Doctoral Dissertation Award. University of Michigan, Ann Arbor, Winter 2021.
National Science Foundation Doctoral Dissertation Research Improvement (NSF DDRI), \$18,000, 2020-2021.
Dow Sustainability Doctoral Fellowship, University of Michigan, \$15,000, 2020.
American Association of University Women (AAUW), Nationally Competitive Fellowship, 2016-2017, \$18,000.
LAF Scholarship in memory of Joe Lalli, Landscape Architecture Foundation, Nationally Competitive Scholarship, 2016, \$20,000.
Richard R Bertoni Memorial Fund, University of Michigan, School for Environment and Sustainability (SEAS), Landscape Architecture Program, 2016, \$5,000.
William J Johnson Award, University of Michigan, School of Natural Resources and Environment (SNRE), Landscape Architecture Program, 2015, \$500.
SNRE Honor Award, University of Michigan, School of Natural Resources and Environment (SNRE), Landscape Architecture Program, 2015, \$13,000.
Full Graduate Scholarship, Shahid Beheshti University, Tehran, Iran, 2009- 2012.
Full Scholarship, Iran University of Science and Technology, Tehran, Iran, 2004- 2009.

Language & Computer Skills

Native **Persian**-speaker
Advanced **English**
Intermediate **Arabic**

Proficient with GIS Software (ArcMap, ArcPro, QGIS); Geocart and Topo to Image mapping software; Adobe Acrobat, Illustrator, and Photoshop graphic design software; and Microsoft Office. Fluent in both Microsoft Windows and Macintosh environments.