

**Sara Tabatabaie**

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My research and teaching areas include healthy community design, planning and policy determinants of healthy communities, planning for urban green spaces, community engagement in design, and Geo-design.

## EDUCATION

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<b>PhD in Environmental Studies Program- Program in Environmental Design</b> University of Colorado Boulder, USA	2012- 2018
<b>Certificate in Applied Digital Geography and GIS</b> Ryerson University, Toronto, Canada	2011
<b>MA in Urban Planning and Design</b> School of Urban Planning, McGill University, Montreal, Canada	2005 -2007
<b>MS in Transportation Planning</b> Sharif University of Technology, Tehran, Iran	
<b>BS in Civil Engineering</b> Sharif University of Technology, Tehran, Iran	

## TEACHING EXPERIENCE

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### **INSTRUCTOR AND LECTURER\_ Program in Environmental Design\_ University of Colorado Boulder**

<b>ENVD 3300</b> (Westwood praxis studio and seminar)	Spring 2016
<b>ENVD 3100</b> (Junior level Urban Planning studio focused on East Colfax, Denver)	Fall 2018
<b>LAND 3003</b> (Site Planning)	Fall 2022
<b>ENVD 2130</b> (Urban Planning and Landscape Architecture Studio)	Spring 2019
<b>PLAN 2100</b> (Foundations of Planning and Urban Design)	Spring 2021
<b>ENVD 1140</b> (Planning and Urban Design Studio 2)	Fall 2021
<b>ENVD 1130</b> (Landscape Architecture Studio 2)	Fall 2020, Fall 2022
<b>ENVD 1120</b> (Architecture Studio 2)	Fall 2021
<b>ENVD 1150</b> (First Year Writing)	Spring 2022
<b>ENVD 1040</b> (Introduction to Planning and Urban Design Studio)	Summer 2020, Spring 2021
<b>ENVD 1030</b> (Introduction to Landscape Architecture Studio)	Spring 2020, Spring 2021
<b>ENVD 1020</b> (Introduction to Architecture Studio)	Fall 2019, Fall 2020
<b>ENVD 1012</b> (Application of Technology in Environmental Design 2)	Spring 2020, 2022
<b>ENVD 1022</b> (Application of Technology in Environmental Design 3)	Fall 2022
<b>ENVD 1002</b> (Application of Technology in Environmental Design 1)	Fall 2019
<b>GIS</b> (as part of ENVD 3300, and PLAN 2100)	

### **GRADUATE PART TIME INSTRUCTOR, Program in Writing and Rhetoric\_ University of Colorado Boulder**

<b>WRTG 1150</b> (First Year Writing and Rhetoric)	Fall 2016 – Spring 2018
<b>Lens on Climate Change</b> , Cooperative Institute for Research in Environmental Sciences (CIRES)	Summer 2017

## TEACHING ASSISTANT, Program in Environmental Design, Environmental Studies Program

2012 - 2016

## TEACHING ASSISTANT, Colorado School of Public Health

EHOH 6618 (Environmental Health Policy and Practice)

Spring 2015

## PROFESSIONAL and RESEARCH EXPERIENCE

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<b>Research Associate</b> , CEDaR (The Community Engagement Design and Research Center), University of Colorado Boulder	Jan 2018 – Now
<b>Part time Health Data Analyst</b> , Weld County Department of Public Health and Environment	Jan 2021 – June 2021
<b>Research Assistant</b> , Colorado School of Public Health	May 2014- May 2016
<b>Principal Investigator</b> , Colorado Department of Public Health and Environment, Denver, CO.	April-June 2015
<b>Core Team Member</b> , Cool Connected Westwood, Denver, CO.	Jan 2016 – Jan 2019
<b>Research Assistant</b> , Program in Environmental Design	Jan 2011- Jan 2012
<b>Community Engagement Intern</b> , Re:Vision, Denver, CO.	Summer 2013
<b>Environmental Planning Intern</b> , Institute for Environmental Solutions, (IES), Denver, CO.	Jan – Sep 2012
<b>Urban Planning Intern</b> , Community Resource Center (CRC), Denver, CO.	Sep- Dec 2011
<b>Urban Designer</b> , Bogdan Newman Caranci Inc. (BNC) Architects, Toronto, Canada	2007 - 2010
<b>Urban Planning Intern</b> , Institut international de gestion des grandes métropoles, Montreal	2006 - 2007
<b>Transportation Planner</b> , Sharif Institute for Transportation Studies and Research (SITSR), Sharif University of Technology, Tehran, Iran	2002 - 2005
<b>Civil Engineering Intern</b> , Bandab Consulting Engineers, Tehran, Iran	Summer 2000

## PUBLICATIONS

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- Tabatabaie, S.**, Litt, J.S. & Crane, L.A. The experience of outdoor physical activity for skin cancer survivors: understanding the importance of the built and natural environments. *J Cancer Surviv* (2020). <https://doi.org/10.1007/s11764-020-00889-5>
- Tabatabaie, S.**, Litt, J. S., & Carrico, A. (2019). A Study of Perceived Nature, Shade and Trees and Self-Reported Physical Activity in Denver. *International Journal of Environmental Research and Public Health*, 16(19), 3604.
- McAndrews, C., **Tabatabaie, S.**, & Litt, J. S. (2018). Motivations and strategies for bicycle planning in rural, suburban, and low-density communities: The need for new best practices. *Journal of the American Planning Association*, 84(2), 99-111.
- Tabatabaie, S.**, Muller, B., Litt, J., Sidewalks, Trees and Shade Matter: A Visual Landscape Assessment Approach to Understanding People's Preferences for Walking, Manuscript Under review.
- Tabatabaie, S.**, Litt, J., MacAndrews, C., The Role of Bicycle Master Plans in Advancing Bicycle-Friendly Places in Urban Centers, Manuscript ready for review.
- Nassiri, H., **Tabatabaie, S.**, & Sahebi, S. (2017). Delay-based Passenger Car Equivalent at Signalized Intersections in Iran. *PROMET-Traffic&Transportation*, 29(2), 135-142.

## CONFERENCE PRESENTATIONS

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**Tabatabaie, S.**, Szuberla M., Muller B. (2019) From Forestry Management Actions to a Planning Framework to Mitigate Emerald Ash Borer: A Case Study of Boulder, Colorado *59<sup>th</sup> ACSP National Conference*, Greenville, SC.

**Tabatabaie, S.** (2017) Trees, Aesthetics and People’s Choices of Physical Activity: A Case Study of Denver’s Residential Streets, *57<sup>th</sup> ACSP National Conference*, Denver, CO.

**Tabatabaie, S.**, Litt, J. (2015) Shade, Health and the Built Environment: How behavioral factors can inform new shade policies, *55<sup>th</sup> ACSP National Conference*, Houston, TX.

**Tabatabaie, S.** (2015) Application of Shade Audit Methods to Neighborhoods in Denver, Colorado: implications for chronic disease prevention and community planning, *Colorado Public Health Association Conference*, Vail, CO.

**Tabatabaie, S.**, MacAndrews, C., Litt, J. (2014) Are we getting to bicycle friendly communities? The role of the plan in advancing built environment change: lessons from cities in Colorado, *54<sup>th</sup> ACSP National Conference*, Philadelphia, PA.

**Tabatabaie, S.**, Nassiri, H. (2004) Delay-Based Estimation of Passenger Car Equivalent at Signalized Intersections, Proceedings of 1st National Congress On Civil Engineering, Sharif University of Technology, Tehran, Iran, May 11-13, 2004.

## GRANTS AND FELLOWSHIPS

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<b>Graduate Student Research Grant (\$1000)</b> Center to Advance Research and Teaching in Social Sciences (CARTSS)	2016
<b>Research Grant (\$5000)</b> Colorado Department of Public Health and Environment (CDPHE)	2015
<b>Tuition and Teaching Assistant Scholarship for studying PhD in Environmental Studies</b> University of Colorado at Boulder	2012-2018
<b>Graduate Research Assistantship</b> Colorado School of Public Health	2014-2016

## SELECTED PROJECTS

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### Community Engagement, Design and Research Center (CEDaR)

An Analysis of the Distribution and Socio-demographic Characteristics of Manufactured Housing Communities in Colorado	2021-now
A Planning Framework to Mitigate the Impacts of Emerald Ash Borer in Boulder	2020 - now
The Emerald Ash Borer Survey to Understand People’s Baseline Knowledge About Trees and EAB in Boulder	2018 - 2019
Impacts of Capital Improvement Projects on Gentrification in Westwood, Denver	Ongoing
The Clearinghouse Website for Manufactured Community Residents in Colorado	2019 - 2020
Impacts of Walking Infrastructure Interventions and Related Policies on Walking Behavior in Westwood	2019

### PhD Dissertation and Other Research Projects

The Application of Visual Landscape Assessment to Evaluate People’s Perception of the Residential Street Environment for Physical Activity	2016-2018
Physical Activity Behaviors among Skin Cancer Survivors in Denver, Colorado	2017-2018
A Study of Perceived Nature, Shade and Trees and Self-Reported Physical Activity in Denver	2016-2017
The Role of Bicycle Master Plans in Advancing Built Environment Changes, Colorado	2015
Application of Shade Audit Methods to Neighborhoods in Denver, CO.	2015
City of Boulder/ University of Colorado Sustainability Indicators Project	2012
A Health Survey to Understand the Impacts of Re:Vision’s Food Stainability Program on the	2013

Health and Socioeconomic Life of Southwest Denver Participants (Re:Vision)	
Tree Project: Integrating Urban Environmental Improvement through Tree Selection and Management, IES, Denver, CO.	2012
Statistical models for Rural Philanthropy Days, CRC, Denver, CO.	2011
<b>Master's Thesis</b>	
The Attitudes of Children towards Walkability in Their Neighborhood, Montreal, CA	2007
<b>Urban Planning and Design projects, BNC Architects, Toronto, CA</b>	
St. Catharines Downtown Creative Cluster Master Plan (Creating a framework for revitalization and main street development of downtown St Catharines, ON)	2007 - 2009
Western Hill Revitalization Strategy (Identification of Smart Growth principles and redevelopment options for Western Hill, ON)	2008 - 2009
Vales of Humber Estates Concept Plan	2009 - 2010
Courtice Main Street Study (part of Clarington Official Plan)	2009 - 2010
Review of several Urban Design Guidelines and Official master Plans	2007 - 2010
Transportation Master Plans of Mashad and Shiraz, SITSR, Tehran, Iran	2002 - 2005

## EVENT ORGANIZER AND COORDINATOR

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Coordinator of the 3 <sup>rd</sup> Annual Community Building, Colorado Style Conference: Squeezed Out, Challenges of Diversity and Affordability in Colorado Communities (CEDaR)	2020
Manufactured Homeowners Symposium, CEDaR	2019 and 2020
Sustainability Indicator Symposium, Program in ENVD, University of Colorado Boulder	Summer 2013
Graduate Colloquium Committee member, Environmental Studies Program, University of Colorado at Boulder	2015 – 2016
Editorial Board Member, Civil Magazine, the internal publication of Civil engineering Department, Sharif University	1999 - 2001

## MEMBERSHIPS AND AFFILIATIONS

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Association of Collegiate Schools of Planning (ACSP)	2014 - now
Canadian Institute of Planners	2007- 2011
US Green Building Council, LEED Green Associate	2011 - 2015

## COMPUTER SKILLS

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<b>Graphic Design/ 3D Modeling</b>	Auto CAD, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Rhino, Sketchup
<b>ArcGIS</b>	ArcGIS Desktop, ArcCatalog
<b>Data Analysis/ Visualization</b>	SAS, SPSS, Stata, Excel, Tableau
<b>Qualitative Analysis</b>	NVivo
<b>Survey Design</b>	Qualtrics
<b>Course Management</b>	D2L, Canvas, Blackboard