

Sara Tabatabaie

Email: sara.tabatabaie@colorado.edu

EDUCATION

PhD in Environmental Studies , 2018

Environmental Studies Program, University of Colorado at Boulder

My research area is mainly environmental health with a focus on the link between the features of the natural or built environment, and community health. More specifically, I am interested in understanding how shade, greenness and the design of neighborhoods influence the level of physical activity among residents. (Advisors: Jill Litt ,PhD, Brian Muller, PhD)

Certificate in Applied Digital Geography and GIS

Ryerson University, Toronto, Canada

MA in Urban Planning and Design

School of Urban Planning, McGill University, Canada

MS in Transportation Planning

Sharif University of Technology, Tehran, Iran

BS in Civil Engineering

Sharif University of Technology, Tehran, Iran

TEACHING EXPERIENCE

Instructor—University of Colorado at Boulder

Spring 2019	Environmental Design Studio (ENVD 2130) , Environmental Design Program, University of Colorado, Boulder
Fall 2018	GIS Instructor , Environmental Design Program, University of Colorado, Boulder
Fall 2018	Urban Planning Studio (ENVD 3100) , Environmental Design Program, University of Colorado, Boulder
Fall 2016 – Fall 2018	First Year Writing and Rhetoric (WRTG 1150) , Program for Writing and Rhetoric (two classes per semester)
Summer 2017	Lens on Climate Change , Cooperative Institute for Research in Environmental Sciences (CIRES), (worked as a science mentor)
Spring 2016	Green Infrastructure Planning and Design Seminar (ENVD 3300) , Environmental Design Program
Spring 2016	Praxis Studio: Green Infrastructure, Westwood Neighborhood (ENVD 3300-400) , Environmental Design Program

Teaching Assistant—University of Colorado at Boulder

Fall 2012-Fall 2016

Teaching Assistant—Colorado School of Public Health

Spring 2015

RESEARCH/PROFESSIONAL EXPERIENCE

Research Associate

Jan 2018- Now

The Community Engagement Design and Research (CEDaR) Center,
University of Colorado at Boulder

Research Assistant May 2014- May 2016	Colorado School of Public Health
Principal Investigator April-June 2015	Colorado Department of Public Health and Environment, Denver, CO.
Research Assistant Jan 2011- Jan 2012	Environmental Design Program, University of Colorado at Boulder

PROFESSIONAL EXPERIENCE

Core Team Member Jan 2016- Now	Cool Connected Westwood, Denver, CO.
Community Engagement Intern Summer 2013	Re:Vision, Denver, CO.
Environmental Planning Intern Jan -Sept 2012	Institute for Environmental Solutions, (IES), Denver, CO.
Research Intern Sep -Dec 2011	Community Resource Center (CRC), Denver, CO.
Urban Designer 2007-2010	Bogdan Newman Caranci Inc. (BNC) Architects, Toronto, Canada
Urban Planner Intern 2006-2007	Institut international de gestion des grandes métropoles, Montreal, Canada
Transportation Planner 2002-2005	Sharif Institute for Transportation Studies and Research (SITSR), Sharif University of Technology, Tehran, Iran
Civil Engineer Intern May-Sept 2000	Bandab Consulting Engineers, Tehran, Iran

GRANTS AND FELLOWSHIPS

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

PUBLICATIONS

- Tabatabaie, S.,** Litt, J. , MacAndrews, C., The Role of Bicycle Master Plans in Advancing Bicycle-Friendly Places in Urban Centers, Manuscript under review.
- Tabatabaie, S.,** Litt, J., Carrico, A., Muller, B., A Study of Perceived Nature, Shade and Trees and self reported

PA in Denver, CO., under review.

Tabatabaie, S., Muller, B., Carrico, A. Litt, J., Trees, Aesthetics and People's Choices of Physical Activity: A Case Study of Denver's Residential Streets, Manuscript under preparation.

Tabatabaie, S. Litt, J, Physical Activity Behaviors among Skin Cancer Survivors in Denver, Colorado: Does Shade Matter?, Under Review.

MacAndrews, C., **Tabatabaie, S.**, Litt, J., Motivations and Strategies for Bicycle Planning in Rural, Suburban, and Low-Density Communities: The Need for New Best Practices, Manuscript was accepted in the Journal of the American Planning Association.

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

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

Tabatabaie, S., Litt, J. (2015) Shade, Health and the Built Environment: How behavioral factors can inform new shade policies, 55th 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*, Veil, 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, 54th 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.

SELECTED PROJECTS

2018-2019	Emerald Ash Borer Survey to understand people's baseline knowledge about trees and EAB in Boulder
2019	Clearing House Website for Manufactured Community Residents
2017-2018	Visual Landscape Assessment to evaluate people's perception of the residential street environment for physical activity
2018	Physical Activity Behaviors among Skin Cancer Survivors in Denver, Colorado
2015	The Role of Bicycle Master Plans in Advancing Built Environment Changes, Colorado
2015	Application of Shade Audit Methods to Neighborhoods in Denver, CO.
Summer 2013	Health survey to evaluate the impacts of Re:Vision's food sustainability program on the health and socioeconomic life of Southwest Denver participants
2012	City of Boulder/ University of Colorado Sustainability Indicators Project
2012	Tree Project (urban Forestry Project), Integrated Urban Environmental Improvement through Tree Selection and Management, IES, Denver, CO.
2011	Statistical models for Rural Philanthropy Days, CRC, Denver, CO.
2007-2009	Downtown St. Catharines Creative Cluster Master Plan, BNC Architects, Toronto, Canada

2008-2009	Western Hill Revitalization Strategy, BNC Architects, Toronto, Canada
2009-2010	Vales of Humber Estates Concept Plan, BNC Architects, Toronto, Canada
2009-2010	Courtice Main Street Study (part of Clarington Official Plan), BNC Architects, Toronto, Canada
2007-2010	Urban Design Guidelines and Official Plans Review, BNC Architects, Toronto, Canada
2002-2005	Transportation Master Plans of Mashad and Shiraz, SITSR, Tehran, Iran

SERVICE

Event Organizer 2018	Manufactured Home Owners Symposium, CU Boulder
Graduate Colloquium Committee member 2015 – 2016	Environmental Studies Program, University of Colorado at Boulder
Event Organizer Summer 2013	Sustainability Indicator Symposium, Program in Environmental Design, University of Colorado at Boulder
Editorial Board Member Oct 1999 – Jul 2001	Civil Magazine, the internal publication of Civil engineering Department, Sharif University

MEMBERSHIPS AND AFFILIATIONS

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

COMPUTER SKILLS

GIS	ArcGIS Desktop (3D and Surface Analyses, Spatial Analyses, Spatial Statistics, Network Analyses)
Data Analysis	SAS, R, Stata
Graphic Design	Auto CAD, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Rhino and Sketchup
Qualitative Analysis	NVivo
Survey Design	Qualtrics
Course Management	D2L, Canvas

OTHER KEY SKILLS AND SPECIALTIES

Policy Analysis
Community Outreach
Survey Design
Interviews and Focus Groups
Organizing Conferences and Events