

# TRAVIS FLOHR, PH.D.

ASSISTANT PROFESSOR  
STUCKEMAN SCHOOL, COLLEGE OF ARTS AND ARCHITECTURE

THE PENNSYLVANIA STATE UNIVERSITY  
DEPARTMENT OF LANDSCAPE ARCHITECTURE

## EDUCATION

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<b>August 2011 – August 2019</b>	<b>Doctor of Philosophy – The University of Colorado Denver</b>
<b>August 2008 – December 2011</b>	<b>Master of Science in Landscape Architecture – The Pennsylvania State University</b>
<b>August 1997 – May 2002</b>	<b>Professional Bachelor’s in Landscape Architecture – The Pennsylvania State University</b>

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## ACADEMIC APPOINTMENTS

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<b>August 2018 - Present</b>	<b>Assistant Professor – The Pennsylvania State University</b> Department of Landscape Architecture
<b>January 2014 – June 2018</b>	<b>Faculty Associate - University of Wisconsin-Madison</b> Department of Planning and Landscape Architecture
<b>May 2013 – December 2013</b>	<b>Instructor – University of Colorado Denver</b> Department of Landscape Architecture Department of Urban and Regional Planning
<b>January 2012 – May 2012</b>	<b>Instructor – University of Colorado Boulder</b> Department of Environmental Design

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## OTHER ACADEMIC APPOINTMENTS

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<b>May 2013 – December 2013</b>	<b>Co-Principal Investigator – Visitation and Use on Boulder County’s Regional Trails</b> The University of Colorado Boulder
<b>May 2012 – September 2013</b>	<b>Principal Investigator – Boulder Canyon User Study</b> The Access Fund/Boulder Climbing Community
<b>August 2011 – December 2013</b>	<b>Research Assistant – The University of Colorado Boulder and The University of Colorado Denver</b> Department of Environmental Design Department of Urban and Regional Planning Department of Landscape Architecture
<b>August 2008 – August 2010</b>	<b>Research Assistant – The Pennsylvania State University</b> Department of Landscape Architecture

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## PROFESSIONAL AND CONSULTING EXPERIENCE

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<b>May 2011 – March 2014</b>	<b>Layout Editor Wetland Science and Practice Journal</b> The Pennsylvania State University
<b>July 2013 – September 2013</b>	<b>Consultant – Pea Ridge National Military Park</b> Computer Terrain Mapping

January 2003 – August 2008

Project Manager Frederick Seibert & Associates, Inc.

May 2002 – January 2003

Landscape Designer Frederick Seibert & Associates, Inc.

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## PUBLICATIONS

### PEER REVIEWED JOURNAL ARTICLES AND BOOK CHAPTERS

**Flohr, Travis.** Working title- “Evaluating the integration of CWPP and county governance wildfire risk reduction best practices across the American West: A plan quality review.” (In preparation for summer/fall 2021 submission).

**Flohr, Travis, Mehdi Heris, Elizabeth Derycke** Working title – “Urban Tree Canopy Patterns Impacts on Urban Microclimate.” (In preparation for summer/fall 2021 submission).

Mainzer, S. P., C. A. Cole, & **Travis Flohr**, (2019). “Deep decarbonization and renewable energy in the Appalachian Mountains (DDREAM): a socio-ecological systems approach to evaluating ecological governance.” *Journal of Socio-Ecological Practice Research*. doi:10.1007/s42532-019-00030-6

Muller, Brian and **Travis Flohr**, (2016). “A Geodesign Approach to Environmental Design Education: Framing the Pedagogy, Evaluating the Results.” *Landscape and Urban Planning – Special Issue*. 2016. 156: 101-117. DOI: <https://doi.org/10.1016/j.landurbplan.2016.05.010>.

Rigolon, Alessandro and **Travis Flohr**, (2014). “Access to Parks for Youth as an Environmental Justice Issue: Access Inequalities and Possible Solutions.” *Buildings*. 2014; 4(2): 69-94. Invited special issue publication. DOI: <https://doi.org/10.3390/buildings4020069>.

Muller, Brian, **Travis Flohr** and Mehdi Heris, (2013). Urban Morphology and Heat: Exploring the Relationships. In Francesco Moccia and Maria Dederica Palenstino (ed.) *Planning Stormwater Resilient Urban Open Spaces*. CLEAN, 2013

### CONFERENCE PROCEEDINGS

**Flohr, Travis**, Tim Johnson, Ken Tamminga (2021). “The Virtual Studio: creating physical presence in a virtual studio environment.” *Journal of Digital Landscape Architecture* 6-2021, 476-486. doi:10.14627/537705042.

**Flohr, Travis**, Dolores Sirek, and Ross Tredinnick. (2020). “Applications of ground-based LiDAR and virtual environments in support of on-line problem-based learning.” *Journal of Digital Landscape Architecture* (5). doi:10.14627/537690039.

**Flohr, Travis**, Hong, Wu, and Tebyanian, Nastaran, (2020). “A web app for urban pollinator site assessment.” *Landscape Research Record*. (9), 177-191.

Murtha, Tim, Charles Golden, Ann Cyphers, Alex Klippel, and **Travis Flohr**. (2018) “Beyond inventory and mapping: LiDAR, landscape, and digital landscape architecture.” *Journal of Digital Landscape Architecture*. 2018. (3), 249-259. <https://doi.org/10.14627/537642027>

### WHITE PAPERS AND PROFESSIONAL REPORTS

**Flohr, Travis** and Stacey Schulte. *Visitation and Use on Boulder County's Regional Trails* (Boulder County, CO: Boulder County Parks and Open Space, 2013).

**Flohr, Travis.** *Boulder Canyon User Study* (Boulder, CO: Access Fund, 2013).

### NON-REFEREED PUBLICATIONS

**Flohr, Travis.** “Communicating Design.” *Landscape Architecture Foundation Blog*. Posted January 10, 2011. <http://lafoundation.org/news-events/blog/2011/01/10/osp-travis-flohr/>. (Invited blog post).

**Flohr, Travis.** "A Landscape Architect's Review of Building Information Modeling Technology." *Landscape Journal: design, planning, and management of the land* 30.1 (2011): 169-170.

**Flohr, Travis**, Steve Zoretich, and Andy Kalback. "Washington County Hospital" in *Celebrating 100 Years of Landscape Architecture Excellence at Penn State*. Edited by Mike Shamalla, Tim Padalino, and Adam McGuire, 62. Penn State Department of Landscape Architecture, 2007.

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## PRESENTATIONS

### PEER REVIEWED CONFERENCES

**Flohr, Travis**, Tim Johnson, Ken Tamminga (2021). "The Virtual Studio: creating physical presence in a virtual studio environment." *22nd annual International Conference on Information Technology in Landscape Architecture, Digital Landscape Architecture 2021*, May 26-28, 2021, Dessau, Germany. Virtual.

Mainzer, Stephen, **Flohr, Travis**, (2021). "The Urban-Rural Battleground: statewide socio-ecological system drivers of voting in Pennsylvania." *Council of Educators in Landscape Architecture Conference*, March 17-20, Virtual.

Adib, Mahsa\*, Hong, Wu, **Flohr, Travis**, (2021). "Evaluating community engagement mechanisms for green stormwater infrastructure development." *Council of Educators in Landscape Architecture Conference*, March 17-20, Virtual. (\*MSLA Student)

**Flohr, Travis**, Tim Johnson, Ken Tamminga (2020). "The virtual studio: An emerging tacit learning management system framework." *2020 International Teaching Learning Cooperative LILLY Online Conference*, November 30 – December 4, Virtual.

**Flohr, Travis**, Dolores Sirek, and Ross Tredinnick. "Applications of ground-based LiDAR and virtual environments in support of on-line problem-based learning." *21st annual International Digital Landscape Architecture Conference*, June 3-5, 2020, Cambridge, MA USA (\*switched to a virtual presentation due to COVID-19).

**Flohr, Travis**, Hong, Wu, and Tebyanian, Nastaran\*, (2020). "A web app for urban pollinator site assessment." *Council of Educators in Landscape Architecture Conference*, March 18-21, Louisville, KY USA. (conference cancelled due to COVID-19). (\*Ph.D. Student)

**Flohr, Travis**. 2019. "Wildfire risk reduction: evaluating local government's implementation of wildfire risk reduction best practices in the American West." *Council of Educators in Landscape Architecture Conference*, March 6-9, Sacramento, CA, USA.

**Flohr, Travis**. "Flipping a regional design studio: teaching GIS through an applied studio project in a flipped studio setting." *Council of Educators in Landscape Architecture Conference*, March 21-25, 2018, Blacksburg, VA.

**Flohr, Travis**. "A path to wildfire resilient landscapes: changing the wildfire risk modeling paradigm." *Environmental Design Research Association*, May 31-June 3, 2017, Madison, WI.

**Flohr, Travis**. "Evaluating CWWP effectiveness: wildland fire and defensible space." *Council of Educators in Landscape Architecture Conference*, March 23-26, 2016, Salt Lake City, UT.

Rigolon, Alessandro and **Travis Flohr**. "Methodological trends in planning: qualitative approaches in transformative mixed research studies." *2014 ACSP Congress*, October 30-November 2, 2014, Philadelphia, PA.

Muller, Brian and **Travis Flohr**. "Geodesign Education..." *2014 International Association for China Planning (IACP) Conference*, October 21-22, 2014, Guangzhou, China.

Rigolon, Alessandro and **Travis Flohr**. "Exploring children and youth's accessibility to urban green spaces: a GIS study measuring access opportunities for formal and informal Play." *2013 Joint AESOP/ACSP Congress*, July 15-19, 2013, Dublin, Ireland.

Muller, Brian, Mehdi Heris, and **Travis Flohr**. "Urban Morphology and Heat: Exploring the relationships." *2012 The Association of Collegiate Schools of Planning*, November 1-4, 2012, Cincinnati, Ohio.

Muller, Brian, **Travis Flohr**, and Mehdi Heris. "Heat and city design: reassessing the relationship between urban heat island effects and built morphology." *2012 Association of European Schools of Planning*, July 11-15, 2012, Ankara Turkey.

Wessman, Carol, Brian Muller, Brian Buma, **Travis Flohr**, Mehdi Heris, and Mahda Mohammadbagher. "Phenology of green infrastructure in cities: A window into ecosystem services in urban environments." *2012 Ecological Society of America*, August 5-10, 2012, Portland Oregon.

Muller, Brian, Mehdi Heris, **Travis Flohr**, Saharnaz Mirzazad, Mahda Mohammadbagher, Daryoosh Ardan, and Sam Assefa. "Measuring Sustainable Urban Form: Developing metric and indicators for the City of Boulder, CO." *52nd Annual Association of Collegiate Schools of Planning Conference: ENVISION*, October 13-16, 2011, The University of Utah.

**Flohr, Travis**, Timothy Joice, and Ceci Rusnak. (2010). "Encountering Czech Agricultural History in a Community Engagement Studio." *2010 Agricultural History Society Conference*, June 10-12, Winter Park, Florida.

**Flohr, Travis** and Timothy Murtha, Jr. (2010). "Participatory Planning: A look at website content and interactivity to maximize educational potential." *2009-2010 Council of Educators in Landscape Architecture Conference*, May 12-14, Maastricht, Netherlands.

### **PROFESSIONAL AND INVITED GUEST LECTURES**

Mainzer, Stephen and **Travis Flohr** (2020). "Pennsylvania's Solar Future." *Architectural research centers consortium (ARCC) Fall 2020 Virtual Colloquium*, November 21, 2020.

**Flohr, Travis**, Wu Hong, and Nastaran Tebyanian (2019). Addressing "The Challenge of Place in Time" with Geodesign: example of pollinator habitat resiliency." *Pennsylvania/Delaware Chapter of the American Society of Landscape Architects Annual Conference*, April 12-13. Cranberry Township, PA.

**Flohr, Travis** (March 7, 2017). Geodesign: a framework for evaluating design. Lecture conducted for The University of Wisconsin-Madison, Madison, WI Engineering and Professional Development Program.

**Flohr, Travis**. "Resilient pollination design: creating pollinator habitat typologies." *Wisconsin Chapter of the American Society of Landscape Architects Annual Conference*, March 2-3, 2017, Milwaukee, WI.

**Flohr, Travis** (Aug 18, 2016). Designing and planning sustainable and resilient communities. Lecture presented at the UW-Madison Landscape Architecture and Planning merger workshop. University of Wisconsin-Madison, Madison, WI.

**Flohr, Travis** and Michael Hinke. "Eyes on the Street: a geodesign process for evaluating eyes on the street." *esri User Conference*, July 20-24, 2015, San Diego, CA.

**Flohr, Travis** (Oct 16, 2015). Sustainability and resiliency: A design and landscape-planning problem? Lecture presented at the Sustainable Landscapes in the Built Environment Workshop. University of Wisconsin-Madison, Madison, WI.

**Flohr, Travis** (September 30, 2015). Sustainability: The role of a landscape architect and planner. Lecture conducted for the Sustainability Leadership Program – Edgewood College. Madison, WI.

**Flohr, Travis**. "Geodesign: new or old and UW-Madison Department of Landscape Architecture geodesign initiatives." *2015 UW-Madison Geospatial Alliance Summit*, April 20, 2015, Madison, WI.

**Flohr, Travis** (March 10, 2015). Geodesign: a framework for evaluating design. Lecture conducted for The University of Wisconsin-Madison, Madison, WI Engineering and Professional Development Program.

**Flohr, Travis** (January 30, 2015). Geodesign: A framework to evaluate design's impacts. *Landscape Inventory and Evaluation Methods*. Lecture conducted for The University of Wisconsin-Madison, Madison, WI Department of Landscape Architecture.

**Flohr, Travis** (November 21, 2014). Geodesign: A framework to evaluate design's impacts. *Introduction to GIS*. Lecture conducted for The University of Colorado Denver, Denver, CO Department of Landscape Architecture.

**Flohr, Travis.** “Flipping the classroom: teaching introduction to GIS as an applied geodesign project within Aurora, Colorado.” *2014 UW-Madison Geospatial Alliance Summit*, April 24, 2014, Madison, WI.

Rigolon, Alessandro and **Travis Flohr.** (June 7, 2013). Access to Green Spaces for Children. *Sustainability Indicators: The City of Boulder-Environmental Design Program Partnership*. Lecture conducted for The City of Boulder Parks and Recreation Department, Boulder, CO.

**Flohr, Travis** and Stacey Schulte. (June 7, 2013). Trail and Recreation Use. *Sustainability Indicators: The City of Boulder-Environmental Design Program Partnership*. Lecture conducted for The University of Colorado Boulder, Boulder, CO.

**Flohr, Travis** and Alessandro Rigolon. (June 7, 2013). Access to Green Spaces for Children. *Sustainability Indicators: The City of Boulder-Environmental Design Program Partnership*. Lecture conducted for The University of Colorado Boulder, Boulder, CO.

**Flohr, Travis.** (June 7, 2013). Habitat Fragmentation and Subdivisions. *Sustainability Indicators: The City of Boulder-Environmental Design Program Partnership*. Lecture conducted for The University of Colorado Boulder, Boulder, CO.

**Flohr, Travis.** (April 04, 2013). GIS and Sustainable Development. *Sustainable Community Development II*. Lecture conducted for The University of Colorado Boulder, Boulder, CO.

**Flohr, Travis** (November 15, 2012). Environmental Impact Assessment: A case study using the Maryland Forest Conservation Ordinance. *Environmental Impact Assessment*. Lecture conducted for The University of Colorado Boulder, Boulder, CO.

**Flohr, Travis.** (November 14, 2012). Evaluating Design and Policies: Spatially understanding complex systems. *Introduction to GIS*. Lecture conducted for The University of Colorado Denver, Denver, CO.

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## POSTERS

**Flohr, Travis,** Tim Johnson, and Ken Tamminga. (2020). “The Virtual Studio.” Poster presented at the 2020 SCDC Flash Symposium. The Pennsylvania State University, September 25, 2020.

**Flohr, Travis,** Doug Miller, Hong Wu, and Nastaran Tebyanian. (2019). “Assessing pollinator habitat resiliency.” Poster presented at the 2020 SCDC Flash Symposium. The Pennsylvania State University, September 25, 2020.

**Flohr, Travis,** Doug Miller, Hong Wu, and Nastaran Tebyanian. (2019). “Computationally assessing pollinator habitat resiliency.” Poster presented at the 2019 SCDC VR/AR Flash Symposium. The Pennsylvania State University, September 23-24, 2019.

Gallaher, Samuel, Alessandro Rigolon, **Travis Flohr,** and Pawinee Chuayprakong. (2013). “Bike Share Equity and Efficiency: A Mixed Methods Approach.” Poster presented at the *16th Annual Research and Creative Activities Symposium*. University of Colorado, Denver, April 19, 2013.

Buma, Brian, Brian Muller, Carol Wessman, **Travis Flohr,** Mehdi Heris, and Mahda Mohammadbagher. (2012). “Assessing the Benefits of Green Infrastructure: The Dynamics of Landscape Decision, Built Morphology, and Ecosystem Services.” Poster presented at the *2012 United States Regional Association of the International Association for Landscape Ecology: Informing Decisions in a Changing World Annual Symposium*. Newport, Rhode Island, April 8-12, 2012.

Buma, Brian, **Travis Flohr,** Mehdi Heris, Mahda Mohammadbagher, Daryoosh Ardalan, Brian Muller, and Carol Wessman. (2012). “Phenology of Green Infrastructure in Cities: A window into ecosystem services in urban environments.” Poster presented at the *2012 Front Range Student Ecology Symposium*. Colorado State University, Fort Collins, Colorado, February 21-22, 2012.

Wessman, Carol, Brian Muller, Brian Buma, Mehdi Herris, **Travis Flohr,** Mahda Mohammadbagher, and Daryoosh Ardalan. (2012). “Phenology of Green Infrastructure in Cities: A window into ecosystem services in urban environments.” Poster presented at the Spring 2012 *Cooperative Institute for Research in Environmental Sciences: Innovative Research Program Poster Session*. University of Colorado Boulder, Boulder, Colorado.

**Flohr, Travis** and Timothy Murtha. (2010). “Communicating Future Scenarios: Developing an interactive, participatory internet-based tool for ecological planning.” Poster presented at the 2010 *Penn State Graduate Exhibition*, March 28, 2010, University Park, Pennsylvania.

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## EXHIBITIONS

Cole, Charles Andrew, Wu Hong, Lisa Iulo, Lisa DuRussel, Kendall Mainzer, Doug Miller, Leann Andrews, Stephen Mainzer, and **Travis Flohr**. (2020). *Ecology+Design*. Exhibited in Penn State’s Sustainability Exhibition. The Pennsylvania State University, March 3-26, 2020, University Park, PA.

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**Flohr, Travis** (2011). “LAYERS (Vrstvy).” Exhibited in *2011 Exhibition: Re-collections and Re-visions*. Curated by Cecilia Rusnak and Ann Tarantino. Vyšehrad Gallery, Prague, Czech Republic.

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## GRANTS, SCHOLARSHIPS, AND CONTRACTS

### CURRENT

Wu, Hong (PI), **Flohr, Travis** (Co-PI), Yench, Andy (Co-PI), Adib, Mahsa\*. (2021). *A web App for Enhancing Knowledge Transfer and Science Communication in Community Engagement during Pandemic Time and Beyond*. Stuckeman School Community Engagement Research and Creative Activity Grant Program. The Pennsylvania State University. (Requested \$17,925 – funded \$10,000). (\*MSLA Student).

**Flohr, Travis** (PI) and Charles Andy Cole. (2020). *Recreation Use and Impacts to Cliff Resources in Harpers Ferry National Historical Park (HAFE), Harpers Ferry, WV*. Harpers Ferry National Historical Park (HAFE), Harpers Ferry, WV Request for Proposal. (\$139,474).

Cole, Charles Andrew, William J. Doan, Lisa DuRussel, **Travis Flohr**, Lisa Iulo, Stephen Mainzer, Steven Rubin, and Dan Willis. (2020). *College or Arts and Architecture Working Group for Security Research and Education: An E+D: Ecology Plus Design Initiative – An Open Topic Grant Proposal*. Penn State Center for Security Research and Education Open Topic Research Grant. (\$14,608 – not funded).

**Flohr, Travis** (PI) and Mehdi Heris. (2020). *Assessing urban forest mosaic patterns impacts on urban surface temperature mitigation in Baltimore, Maryland and Denver, Colorado*. The Pennsylvania State University Ecology Plus Design Mini grant (\$14,000).

**Flohr, Travis** and Stephen Mainzer. (2019). *Engaging landscape architects in wildfire-prone landscapes: perpetuating unsafe cultural wildland norms*. The Landscape Architecture Foundation Deb Mitchell Research Grant. (\$25,000 – not funded).

Mainzer, Stephen and **Travis Flohr**. (2019). *Pennsylvania’s Solar Future: Comparing Potential between Urban and Rural Areas*. The Pennsylvania State University Sustainability Institute Living Laboratory Research Grant (\$10,000).

**Flohr, Travis** (PI). (2019) *Musser Gap to Valley Lands (MG2V) Trail Use Observational Research*. The Pennsylvania State University Undergraduate Student Involvement in Research Grant. (Requested \$610, funded \$610).

Mainzer, Stephen, Charles Andy Cole, and **Travis Flohr**. (2019). *Drawing down CO<sub>2</sub>e in Appalachia: evaluating carbon reduction of utility-scale solar infrastructure*. Ray C. Anderson Foundation NextGen 2019 Grant. (Requested \$100,000 – not funded).

**Flohr, Travis** (PI), Doug Miller, (Co-PI), Wu Hong (Co-PI), and Nastaran Tebyanian (Co-PI). (2018). *Developing a computational planting design and decision-making tool for assessing and predicting pollinator habitat resilience*. The Stuckeman Center for Design Computing Interdisciplinary Project Support. (Requested \$20,000, funded \$13,200).

## PAST

Cole, Charles Andrew, Ph.D. (P.I.) **Travis Flohr** et. al., (Co-PI) (2018). *The Center for Ecology plus Design: an NSF-STC proposal*. The Pennsylvania State University. (down select proposal – not selected).

**Flohr, Travis.** (2017). *UW-Madison Professional Development Grant*. (\$1,077.46 – not funded).

Bauer-Armstrong, Cheryl, Maria Moreno. Co-investigator **Travis Flohr.** (2016). *Monarch Butterfly Conservation Fund*. National Fish and Wildlife Foundation. (\$310,000 – not funded).

Sirek, Dolores. Advisor and content provider: **Travis Flohr.** (2016). *Virtual reality (VR) simulation activities in online or blended learning programs and courses*. UW-Madison Education Innovation Small Grant Proposal. (\$7,200).

**Flohr, Travis.** (2015). *Distance Teaching and Learning Conference*. Obtained a scholarship to attend the conference from the University of Wisconsin-Madison Division of Continuing Studies. (\$445)

**Flohr, Travis** and Stacey Schulte. (2013). *Visitation and Use on Boulder County's Regional Trails*. Small Grant Proposal to Boulder County Parks and Open Space. Boulder County, Colorado. (\$9,000).

Hinke, Michael, **Travis Flohr**, and Nader Afzalan. (2013). *Software Training for Designers and Planners – Department of Planning and Design, University of Colorado Denver Fall 2013*. Department of Planning and Design, College of Architecture and Planning University of Colorado, Denver. (\$6,000)

Beck, Jody. (2013). *Inventory of Urban Agricultural Potential for the Denver Metropolitan Area*. Center for Faculty Development University of Colorado, Denver. (\$10,000 - not funded, role of research assistant).

Derr, Victoria, John Lanterman, and **Travis Flohr.** (2013). *Sustainable and Productive Landscapes: Exploring the Potential for Learning Laboratories on the CU Campus and Boulder Community*. University of Colorado, Boulder SEED Grant Program University of Colorado, Boulder. (\$47,650 - not funded).

**Flohr, Travis.** (2012). *Fall 2013 EPA Science to Achieve Results (STAR) Fellows*. Environmental Protection Agency. (\$84,000 - not funded, received two excellent and one very good review).

**Flohr, Travis.** (2011). *Fall 2012 EPA Science to Achieve Results (STAR) Fellows*. Environmental Protection Agency. (\$84,000 - not funded, received one excellent and two very good reviews).

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## TEACHING AND ADVISING

### COURSES TAUGHT

#### The Pennsylvania State University

- Community Design
- Intellectual History and Theory of Landscape Architecture
- Landscape Systems Studio
- Landscape Systems Theory
- Planting Methods
- Skills – GIS
- Introduction to Design Visualization

#### University of Wisconsin-Madison

- Applications of GIS in Natural Resources
- Geodesign Methods
- Geodesign for Sustainability and Resiliency
- Geodesign Capstone
- Independent Studies – advised three different independent studies
- Open Space Design and Planning
- Regional Design Studio

## **University of Colorado Denver**

- Introduction to GIS
- Planning Workshop for the Master of Urban and Regional Planning

## **University of Colorado Boulder**

- Geodesign and the Web
- GIS

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## ***ADVISING AND COMMITTEE MEMBER***

- MLA
    - Le Sun (Spring 2021, advisor)
    - Fahimeh Farhadi (Summer 2021, advisor)
    - Lara Garcia (expected Summer 2021, reader)
    - Emmy Titcombe (expected Spring 2022, reader)
  - MSLA
    - Mahsa Adib (Summer 2021, committee member)
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## **AWARDS AND HONORS**

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### **The American Society of Landscape Architecture Student Merit Award**

Pennsylvania-Delaware Chapter  
Spring 2010

### **Graduate Student Creative Achievement Award**

The Pennsylvania State University  
College of Arts and Architecture Landscape Architecture  
Spring 2010

### **Olmsted Scholar**

The Pennsylvania State University  
Spring 2010

### **Penn State Graduate School Poster Exhibition: 2<sup>nd</sup> Place (\$250.00 Prize)**

The Pennsylvania State University  
Spring 2010

### **Golden Key International Honour Society Inductee**

The Pennsylvania State University  
Fall 2008 - Spring 2009

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## **SERVICE**

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### ***...TO THE PROFESSION***

#### **CELA Geospatial Track Co-Chair**

Summer 2021 – Present

#### **CELA Conference Abstract Reviewer**

2020, 2018, 2016, and 2011

#### **Chesapeake Bay Trust Technical Grant Review Committee for Watershed Assistance**

Fall 2018 – Primary reviewer for three grants and secondary reviewer for five grants.

#### **Frederick Seibert & Associates, Inc. High School Student Work Study Mentor**

2003 – 2008



**...TO THE UNIVERSITY**

**University of Wisconsin-Madison**

**UniverCity Alliance and Year Advisory Board**

Summer 2017 – Spring 2018

**Landscape Master Plan Focus Group**

Spring 2015

**ISIS CRM Software Focus Group**

Spring 2015

**Online Tuition Committee**

Fall 2014 – Spring 2015

**...TO THE COLLEGE AND SCHOOL**

**Stuckeman Faculty Council**

Fall 2019 – Present

**Stuckeman Center for Design Computing (SCDC) Executive Committee**

Fall 2020 – Present

**Stuckeman Center for Design Computing Advisory Board**

Fall 2018 – Present

**College of Arts and Architecture Faculty Research and Creative Activities Grant Review Committee**

Spring 2019

**...TO THE DEPARTMENT**

**The Pennsylvania State University**

**Undergraduate Curricular Affairs: BLA assessment**

Fall 2018 – Present

**E+D**

Fall 2019 – Present

**Geodesign Advisory Board**

Fall 2018 – Spring 2019

**University of Wisconsin-Madison**

**Landscape and Urban Studies Program Envisioning Committee**

Fall 2017 – Spring 2018

**Undergraduate Landscape Architecture Curriculum Committee**

Committee Chair: Fall 2015 – Summer 2017

2015 – 2018

**Facilities Committee**

Spring 2015 – 2018

**Reorganization/Visioning Committee**

Fall 2015 – Spring 2016

**Geodesign program committee**

Spring 2015 – Spring 2016

**Awards, Scholarships, and Promotions Committee**

Spring 2015 – Fall 2015

**Website Administration**

Spring 2015 – Fall 2015

## LICENSES, MEMBERSHIPS, AND AFFILIATIONS

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### **American Society of Landscape Architecture**

2002-2008 and 2014-2016

### **Council of Landscape Architecture Registration Board**

2002-2008

### **Registered Landscape Architect: Pennsylvania**

2007 - 2013

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## PROFESSIONAL TRAINING

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### **Teach Online@UW: Plan and Design**

University of Wisconsin-Madison Division of Continuing Studies  
Spring 2015

### **Wetland Delineation Field Practicum**

Wetland Training Institute  
May 22-23, 2004

### **Wetland Delineation Certification Program**

Wetland Training Institute  
May 17-21, 2004

### **Maryland Forest Conservation Qualified Professional Training**

Carroll County Community College  
May 17, 2003

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## COMPUTER SKILLS

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ESRI's ArcGIS Desktop, ESRI's CityEngine, Adobe Master Collection, AutoCAD, open-source GIS (Grass and QGIS), web GIS (Google Earth, Google Maps, PostGIS/PostGRES), course management software (Blackboard, D2L, Canvas, and Moodle), SPSS, R, RStudio, Microsoft Office, SketchUP, Revit, e-on software VUE, LumenRT, Lumion, Rhino, TwinMotion, web content management (Drupal and Wordpress), lecture capture software (Adobe Captivate and Camtasia) and basic web development (HTML, HTML5, Javascript, PHP, and CSS).

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