

# Elisa C. Borowski, Ph.D.

University of California, Irvine, Department of Civil & Environmental Engineering  
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## PROFESSIONAL EXPERIENCE

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### University of California, Irvine, Irvine, CA

Assistant Professor, Civil & Environmental Engineering

*July 2023 - Present*

*Cluster: Infrastructure Equity, Black Thriving Initiative*

### Northwestern University, Evanston, IL

Postdoctoral Scholar, Civil & Environmental Engineering

*Dec 2022 - June 2023*

Co-Instructor of *Capstone Design* (Civ. Env. 382-0-1,2)

## EDUCATION

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### Northwestern University, Evanston, IL

Ph.D. in Civil & Environmental Engineering

*2018-2022*

Transportation Systems Analysis & Planning

*Dissertation: Borowski, E. (2022). "Accessing Crowdsourced, Social, and Shared Resources: Behavioral Research for Disruption Mobility". Northwestern University ProQuest.*

M.S. in Civil & Environmental Engineering

*2017-2018*

Transportation Systems Analysis & Planning

### University of New Mexico, Albuquerque, NM

M.S. in Civil & Environmental Engineering

*2014-2017*

Structures & Materials

*Thesis: Borowski, E. (2017). "Viscoelastic Effects in Carbon Fiber Reinforced Polymer Strain Energy Deployable Composite Tape Springs". University of New Mexico Digital Repository.*

B.A. in Anthropology

*2005-2010*

*Second Major: English*

## RESEARCH GRANTS & PARTICIPATION IN RESEARCH PROJECTS

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### California Air Resources Board

*2024-2025*

*Activity- and Accessibility-based Framework for Mobility Equity Evaluation*

- Role: Co-Principal Investigator
- Funding: ~\$150,000

### UCI-UCLA Collaboration Seed Grant

*2024*

*Community-Engaged Environmental Justice Workshop for Transportation Engineering Students*

- Role: Principal Investigator
- Funding: \$25,000

### Council on Research, Computing and Libraries (CORCL) Research Grant

*2024*

*Pilot Testing of AI Text-to-Image Generation for Participatory Planning to Improve Active Mobility Infrastructure for Students*

- Role: Principal Investigator
- Funding: \$3,100

**The California Resilient and Innovative Mobility Initiative (RIMI)** 2023-2024  
*Transit Integration with Community Resilience Centers in California as Social Infrastructure for Hazard Preparedness*

- Role: Principal Investigator
- Funding: ~\$100,000

**Smart and Connected Communities** 2021-2023  
*Improving Healthcare Access in Marginalized Communities*

- Role: Graduate Researcher Assistant

**Center for Engineering Sustainability and Resilience** 2020-2022  
*Community Vulnerability Index: Examining Resilience to Overlapping Hazards*

- Role: Graduate Researcher Assistant

**Natural Hazards Center's COVID-19 Quick Response Research Awards** 2020-2021  
*Resilience of Social Capital Networks to Social Distancing*

- Role: Co-Principal Investigator
- Funding: \$2,800

## PUBLICATIONS

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### Peer-Reviewed Journals, Published

\* = Project PI

Underline = Advisee (MS or PhD student at UCI)

- J9. **Borowski, E.**, Soria, J., Schofer, J., & Stathopoulos, A.\* (September 2023). "Does ridesourcing respond to unplanned rail disruptions? A natural experiment analysis of mobility resilience and disparity". *Cities*, 140, 104439.
- J8. **Borowski, E.** & Stathopoulos, A.\* (May 2023). "Nowhere to go? A study of marginalization, social connection, and mental health outcomes among young adults experiencing the COVID-19 pandemic". *Journal of Transport & Health*, 30, 101589.
- J7. **Borowski, E.** & Stathopoulos, A.\* (2022). "Protection or peril of following the crowd in a pandemic-concurrent flood evacuation". *Natural Hazards Review*, 24(1), 04022045.
- J6. **Borowski, E.**, Limontitla Cedillo, V., & Stathopoulos, A.\* (2021). "Dueling emergencies: Flood evacuation ridesharing during the COVID-19 pandemic". *Transportation Research Interdisciplinary Perspectives*, 10, 100352.
- J5. **Borowski, E.** & Stathopoulos, A.\* (2020). "On-demand ridesourcing for urban emergency evacuation events: An exploration of message content, emotionality, and intersectionality". *International Journal of Disaster Risk Reduction*, 44, 101406.
- J4. **Borowski, E.**, Chen, Y., & Mahmassani, H.\* (2020). "Social media effects on sustainable mobility opinion diffusion: Model framework and implications for behavior change". *Travel Behaviour and Society*, 19, 170-183.
- J3. **Borowski, E.**, Soliman, E., Khan, A., & Reda Taha, M.\* (2018). "Stowage and deployment of a viscoelastic orthotropic carbon-fiber composite tape spring". *AIAA Journal of Spacecraft and Rockets*, 55(4), 829-840.

- J2. Khan, A., **Borowski, E.**, Soliman, E., & Reda Taha, M.\* (2017). "Examining energy dissipation of deployable aerospace composites using matrix viscoelasticity". *ASCE Journal of Aerospace Engineering*, 30(5), 04017040.
- J1. **Borowski, E.**, Soliman, E., Kandil, U., & Reda Taha, M.\* (2017). "Interlaminar fracture toughness of CFRP laminates incorporating multi-walled carbon nanotubes". *Polymers*, 7(6), 1020-1045.

### Peer-Reviewed Journals, Pending

- P3. Pearce, J., Ulibarri, N., & **Borowski, E.\*** (In Preparation). "Building capacity for equity: The relationship between environmental justice and multi-level governance in transportation and emergency response plans in Los Angeles". *Environmental Planning & Management*.
- P2. Bella, G., **Borowski, E.**, & Stathopoulos, A.\* (Under Review). "Examining healthcare access with physical vs. telehealth options: Promise and peril for socially vulnerable older adults". *Journal of Transport & Health*.
- P1. Bella, G., **Borowski, E.**, & Stathopoulos, A.\* (Revise & Resubmit). "Improving community resilience to disrupted food access: Empirical spatio-temporal analysis of volunteer-based crowd-sourced food delivery". *Journal of Transport Geography*.

### Peer-Reviewed Technical Reports

- R2. **Borowski, E.** & Stathopoulos, A.\* (2021). "Resilience of social support networks to social distancing". *Natural Hazards Center: Quick Response Grant Report*. <https://hazards.colorado.edu/quick-response-report/resilience-of-social-support-networks-to-social-distancing>
- R1. **Borowski, E.** & Newell, P.\* (2015). "Numerical investigation of fracture in geomaterials". *Sandia Technical Report SAND2015-7325*

## PRESENTATIONS

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### Conference Presentations

- C33. Lee, G. & **Borowski, E.\*** (Under Review). "A Systematic Literature Review of Greenery Barrier Projects Through an Environmental Justice Lens". *Transportation Research Board 104th Annual Meeting*.
- C32. Chou, C. Y., **Borowski, E.**, & Stathopoulos, A.\* (Under Review). "Social Resources and Disaster Preparedness: Improving Community Resilience Through Resource-Sharing During Shelter-in-Place Events". *Transportation Research Board 104th Annual Meeting*.
- C31. Bella, G., **Borowski, E.**, & Stathopoulos, A.\* (July 2024). "Leveraging Food Delivery Programs as a Community Resilience Resource: A Demand-Driven Spatial and Temporal Analysis of Need". *17th International Conference on Travel Behavior Research*.
- C30. Reinoehl, M. & **Borowski, E.\*** (June 2024). "Planning Transit for Young Users of Resource Centers in Ordinary Conditions and Chronic Disruptions". *American Society of Civil Engineers International Conference on Transportation & Development*.
- C29. Pearce, J., & **Borowski, E.\*** (May 2024). "Resilience Inequity; The Shadows of Siloed Urban Planning". *American Association for Public Opinion Research 79th Annual Conference*.
- C28. Bella, G., **Borowski, E.**, & Stathopoulos, A.\* (January 2024). "'I'm Pissed Off With The Whole System': A Qualitative Analysis of Barriers to Healthcare Access Faced by Low-Income Older Adults in Chicago". *Transportation Research Board 103rd Annual Meeting*.

- C27. Bella, G., **Borowski, E.**, & Stathopoulos, A.\* (January 2024). "Leveraging Food Delivery Programs as a Community Resilience Resource: A Demand-Driven Spatial and Temporal Analysis of Need". *Transportation Research Board 103rd Annual Meeting*.
- C26. **Borowski, E.**, & Stathopoulos, A.\* (January 2024). "A 'Near Undefinable Aspect to Social Interaction in Person': An Exploration of the Subjective Value of Travel Through the Words of LGBTQ+ Young Adults". *Transportation Research Board 103rd Annual Meeting*.
- C25. Chou, C. Y., **Borowski, E.**, & Stathopoulos, A.\* (January 2024). "Resource-Sharing Behavior During Flooding Events: A Latent Class Analysis to Guide Community-Based Relief Distribution". *Transportation Research Board 103rd Annual Meeting*.
- C24. Bella, G., **Borowski, E.**, & Stathopoulos, A.\* (August 2023). "Learning from Late Adopters: A Comparison of Evaluation Frameworks to Study Crowdsourced Food Delivery Participation". *2023 Joint Institute of Transportation Engineers Annual Meeting and Exhibition*.
- C23. Bella, G., **Borowski, E.**, & Stathopoulos, A.\* (April 2023). "Innovations in Food Accessibility: A Comparison of Evaluation Frameworks to Study Crowdsourced Delivery Participation". *64th Annual Transportation Research Forum Conference*.
- C22. **Borowski, E.**, & Stathopoulos, A.\* (January 2023). "Third Place Closure Impacts on Social Connection and Mental Health Outcomes for Marginalized Young Adults in the COVID-19 Pandemic". *Transportation Research Board 102nd Annual Meeting*.
- C21. Bella, G., **Borowski, E.**, & Stathopoulos, A.\* (October 2022). "Learning from Late Adopters: Using an Adoption of Innovations Perspective to Study Crowdsourced Food Delivery Participation". *Transport Chicago*.
- C20. Stathopoulos, A., Horvat, A., & **Borowski, E.\*** (May 2022). "Examining Resilience to Overlapping Hazards". *Northwestern University's Center for Engineering Sustainability and Resilience*.
- C19. **Borowski, E.** & Stathopoulos, A.\* (May 2022). "Satisfaction with Social Support, Public Spaces, and Virtual Socialization During the COVID-19 Pandemic Among LGBTQ Young Adults". *American Association for Public Opinion Research's 77th Annual Conference*.
- C18. **Borowski, E.** & Stathopoulos, A.\* (January 2022). "Protection or Peril of Following the Crowd in a Pandemic-Concurrent Flood Evacuation". *Transportation Research Board 101st Annual Meeting*.
- C17. **Borowski, E.** & Stathopoulos, A.\* (January 2022). "Changes in Social Support Networks Across Physical and Virtual Spaces During the COVID-19 Pandemic: Exploring the Experiences of Youth and Marginalized Populations". *Transportation Research Board 101st Annual Meeting*.
- C16. **Borowski, E.** & Stathopoulos, A.\* (September 2021). "Virtual Mobility Inequities Experienced by Young Adults". *Conference to Advance Transportation Equity*.
- C15. **Borowski, E.** & Stathopoulos, A.\* (August 2021). "Dueling Emergencies: Flood Evacuation Ridesharing During the COVID-19 Pandemic". *Bridging Transportation Researchers 3rd Conference*.
- C14. **Borowski, E.** & Stathopoulos, A.\* (July 2021). "Social Support Network Changes During the COVID-19 Pandemic". *Natural Hazards Center's Researchers Meeting*.
- C13. **Borowski, E.**, Soria, J., Schofer, J., & Stathopoulos, A.\* (January 2021). "Ridesourcing Demand During Rail Transit Disruptions: A Multilevel Analysis of Neighborhood Effects in Chicago, Illinois". *Transportation Research Board 100th Annual Meeting*.
- C12. **Borowski, E.**, Limontitla Cedillo, V., & Stathopoulos, A.\* (January 2021). "Willingness to Share During Multi-Hazard Events: An Exploratory Study of Flood Evacuations During the COVID-19 Pandemic in the United States". *Transportation Research Board 100th Annual Meeting*.

- C11. **Borowski, E.**, Soria, J., Schofer, J., & Stathopoulos, A.\* (October 2020). “Ridesourcing Equity for Mobility Resilience to Unplanned Transit Disruptions in Chicago, IL”. *Transport Chicago*.
- C10. **Borowski, E.** & Stathopoulos, A.\* (July 2020). “Resilience of Social Capital Networks to Social Distancing During COVID-19”. *Natural Hazards Center’s Researchers Meeting*.
- C9. **Borowski, E.** & Stathopoulos, A.\* (June 2020). “The Role of Crowdsourcing Mobility Systems in Urban Resilience”. *Actionable Science for Urban Sustainability*.
- C8. **Borowski, E.**, Chen, Y., & Mahmassani, H.\* (January 2020). “Social Media Effects on Sustainable Mobility Opinion Diffusion: Implications for Behavior Change”. *Transportation Research Board 99th Annual Meeting*.
- C7. **Borowski, E.** & Stathopoulos, A.\* (January 2019). “On-Demand Rideshare for Emergency Relocation: An Exploratory Analysis of Context and Emotionality”. *Transportation Research Board 98th Annual Meeting*.
- C6. **Borowski, E.**, Khan, A., & Reda Taha, M.\* (September 2016). “Identifying Critical Design Variables and Domains for Design Optimization of Deployable Tape Springs for Controlled Deployment”. *American Society for Composites 31st Technical Conference*.
- C5. Khan, A., **Borowski, E.**, & Reda Taha, M.\* (September 2016). “Dynamic Deployment of Composite Tape Springs”. *American Society for Composites 31st Technical Conference*.
- C4. Taha, E., **Borowski, E.**, Kandil, U., Awadallah, A., Aboul-Enein, A., & Reda Taha, M.\* (September 2016). “Carbon Nanotubes to Improve Short Glass Fiber Composites”. *American Society for Composites 31st Technical Conference*.
- C3. **Borowski, E.**, Newell, P.\*, Major, J., & Eichhubl, P. (August 2015). “Fracture Propagation in Geomaterials”. *DOE-NETL 2015 Carbon Storage R&D Project Review Meeting*.
- C2. **Borowski, E.** & Newell, P.\* (July 2015). “Numerical Investigation of Fracture in Geomaterials”. *Student Interns Technical Exchange at Sandia National Laboratories*.
- C1. **Borowski, E.**, Aboubakr, S., Soliman, E., & Reda Taha, M.\* (September 2014). “Fracture Toughness of Carbon Fiber Laminates Including Carbon Nanotubes”. *American Society for Composites 29th Technical Conference*.

## Invited Talks

- T20. **Borowski, E.** (May 2024). “How I Became an Engineering Professor with an Anthropology Degree”. *Anthropology Careers*, University of California, Irvine.
- T19. **Borowski, E.**, Hobbs, S., & Olivares, C. (April 2024). “Social Justice in Civil & Environmental Engineering: Academic Panel”. *Seminar on Social Justice in Civil & Environmental Engineering*, University of California, Irvine.
- T18. **Borowski, E.** (February 2024). “Equitable Resource Accessibility in Communities of Color”. *Voices of the Center for Environmental Health Disparities Research*, University of California, Irvine.
- T17. **Borowski, E.** (November 2023). “Community-based Mobility Planning for Extreme Events”. *Bill Anderson Fund: Fellows Workshop*, University of California, Irvine.
- T16. **Borowski, E.** (October 2023). “Infrastructure Equity in Transportation Engineering”. *ITS Graduate Colloquium: Equity and the Future of Mobility*, University of California, Irvine.

- T15. **Borowski, E.** (April 2023). “Sourcing the ‘Crowd’ for Resilience: The Role of Social Infrastructure for Accessing Resources During Disaster Response”. *SPREE: Science and Protection of Engineering Environments Seminar Series*, Northwestern University.
- T14. **Borowski, E.** (March 2023). “Identifying Social Inequities in Resource Access to Advance Mobility Justice”. *Civil & Architectural Engineering & Mechanics Seminar*, University of Arizona.
- T13. **Borowski, E.** (February 2023). “Community-Driven Data Fusion for Mobility Behavior Modeling to Advance Infrastructure Equity”. *Civil & Environmental Engineering Seminar*, University of California, Irvine.
- T12. **Borowski, E.** (October 2022). “Shared, Sourced, and Social Resources: Behavioral Research for Equity-Centered Policy”. *NUTC Seminar Series*, Northwestern University.
- T11. **Borowski, E.** (October 2022). “Protection or Peril of Following the Crowd in a Pandemic-Concurrent Flood Evacuation”. *NICO Lightning Talks*, Northwestern University.
- T10. **Borowski, E.** (August 2022). “Nowhere to Go? A Study of Social Connection and Mental Health Outcomes for Marginalized Young Adults in the COVID-19 Pandemic”. *Dr. Michelle Birkett CONNECT Lab*, Northwestern University.
- T9. **Borowski, E.** (April 2022). “Evacuation Choice Experiment: An Efficient Design Show-and-Tell”. *Civ. Env. 377 Choice Modeling in Engineering*, Northwestern University.
- T8. **Borowski, E.** (February 2022). “Behavioral Research for Mobility Resilience”. *Department of Civil & Environmental Engineering Graduate Student Virtual Open House*, Northwestern University.
- T7. **Borowski, E.** (January 2022). “Practicum: Learning How to Access and Visualize Urban Data”. *Civ Env. 201 Engineering Possibilities: Decision Science in the Age of Smart Technologies*, Northwestern University.
- T6. **Borowski, E.** (January 2022). “Introduction for Data Science Project”. *Stat. 390 Data Science Project / NICO 390 Metropolitan Chicago Data Science Corps Practicum*, Northwestern University.
- T5. **Borowski, E.** (September 2021). “Mobility and Behavior Lab”. *Department of Civil & Environmental Engineering Retreat Barbecue*, Northwestern University.
- T4. **Borowski, E.** (August 2021). “Special Libraries Association’s 2021 Annual Conference”. *Library Facilitation of Inclusion and Belonging Among Underrepresented Genders in STEM*, Northwestern University.
- T3. **Borowski, E.** (March 2021). “Disaster Resilience and Social Equity”. *Civ Eng. 160 Introduction to Civil, Construction, and Environmental Engineering*, University of New Mexico.
- T2. **Borowski, E.** (February 2021). “The Human Side of Engineering: Mobility Resilience”. *Department of Civil & Environmental Engineering Graduate Student Virtual Open House*, Northwestern University.
- T1. **Borowski, E.** (February 2020). “The Human Side of Engineering: Mobility Resilience”. *Department of Civil & Environmental Engineering Graduate Student Open House*, Northwestern University.

## TEACHING EXPERIENCE

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### Instructor

*Civ. Env. 195: Infrastructure Equity in Civil & Environmental Engineering*  
University of California, Irvine  
Spring 2024

*Uni. Stu. 3: Mobility Justice*  
University of California, Irvine  
Spring 2024

*Civ. Env. 220B: Travel Demand Analysis II: Discrete Choice Modeling*  
University of California, Irvine  
Winter 2024

### Co-Instructor

*Civ. Env. 382-0-1,2: Capstone Design*  
Northwestern University  
Winter & Spring 2023

### Teaching Assistant

*Civ. Env. 377: Choice Modeling in Engineering*  
Northwestern University  
Instructor: Amanda Blomberg Stathopoulos  
Spring 2022

*Civ. Env. 201: Engineering Possibilities: Decision Science in the Age of Smart Technologies*  
Northwestern University  
Instructor: Amanda Blomberg Stathopoulos  
Winter 2019, Spring 2020, Winter 2021, Winter 2022

*Civ. Eng. 305: Infrastructure Material Science*  
University of New Mexico  
Instructor: Mahmoud Reda Taha  
Fall 2014, Fall 2016

*Civ. Eng. 305: Infrastructure Material Science*  
University of New Mexico  
Instructor: Arup Maji  
Fall 2015

### Teaching Certificate Programs

*Active Learning Institute*  
University of California Irvine  
Fall 2023

*Inclusive STEM Teaching Project*  
Northwestern University  
Summer 2022

## MENTORING & ADVISING

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### Ph.D. Students

*Institute of Transportation Studies*

Montana Reinhoehl (2023 - Present)

Role: MS/PhD Advisor

Topic: Planning Transit for Young Users of Resource Centers in Ordinary Conditions and Chronic Disruptions

*Resilient and Innovative Mobility Initiative*

Jeannine Pearce (2023 - Present)

Role: PhD Committee Member & GSR Supervisor

Topic: Transit Integration with Community Resilience Centers in California as Social Infrastructure for Hazard Preparedness

Awards: American Association for Public Opinion Research Student Travel Award

*Center for Engineering Sustainability and Resilience*

Gretchen Bella (2022)

Role: PhD Student Mentor

Topic: Learning from Late Adopters: Using an Adoption of Innovations Perspective to Study Crowdsourced Food Delivery Participation

*Stat. 359 Data Science Project & NICO 390 Metropolitan Chicago Data-science Corps Practicum*

Hanyin Wang (2022)

Role: Team Advisor

Topic: Mobility Justice: Violence and Enforcement

### Masters Students

*Institute of Transportation Studies*

Ghangshin Lee (2024)

Role: Independent Research Supervisor

Topic: Greenery Barriers and Pedestrian Comfort

*Institute of Transportation Studies*

William Walker (2024)

Role: Independent Research Supervisor

Topic: AI Text-to-Image Generation for Participatory Planning

*Institute of Transportation Studies*

Guoliang Feng (2023)

Role: MS Defense / Qualifying Exam Committee Member

Topic: Potential for Decarbonizing Drayage Trucks in Southern California

*Northwestern University*

Kenjana Aulia (2022)

Role: MS Thesis Committee Member

Topic: Understanding the Factors Affecting Women in Traveling on the Women-Only Car in Indonesia

## Undergraduate Students

### *Transportation Research Internship Program*

Lizzie Braver (2024)

Role: Internship Research Supervisor

Topic: Equity Review and Community Engagement Synthesis of CARB Projects

### *Transportation Research Internship Program*

Jennifer Riekes (2024)

Role: Internship Research Supervisor

Topic: Visualization and Synthesis of CBO-Managed Accessibility Data

### *Institute of Transportation Engineers*

Denny Quach (2024)

Role: Research Collaborator

Topic: Environmental Justice and Transportation Engineering Community Panel

### *Institute of Transportation Engineers*

Francis Wong (2024)

Role: Research Collaborator

Topic: Environmental Justice and Transportation Engineering Community Panel

### *Transportation Undergraduate Research Assistants Program & CEE 199 Independent Study*

Preston Wong (2023)

Role: Internship Research Supervisor & Independent Study Advisor

Topic: Open Green Space Inequity in California

### *Stat. 359 Data Science Project & NICO 390 Metropolitan Chicago Data-science Corps Practicum*

Riley Harper (2022)

Role: Team Advisor

Topic: Mobility Justice: Violence and Enforcement

### *Stat. 359 Data Science Project & NICO 390 Metropolitan Chicago Data-science Corps Practicum*

May Nguyen (2022)

Role: Team Advisor

Topic: Mobility Justice: Violence and Enforcement

### *Stat. 359 Data Science Project & NICO 390 Metropolitan Chicago Data-science Corps Practicum*

Nicole Nixon (2022)

Role: Team Advisor

Topic: Mobility Justice: Violence and Enforcement

### *Green Briar Equity Transportation Research Fellowship*

Victor Limontitla Cedillo (2020)

Role: Internship Research Supervisor

Topic: Dueling Emergencies: Flood Evacuation Ridesharing During the COVID-19 Pandemic

## SERVICE

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### Committee Member

#### *Academic Senate Council on Equity and Inclusion*

University of California Irvine

Role: Faculty Representative

May 2024 - Present

*Communications Committee*

University of California Irvine's Department of Civil & Environmental Engineering

Role: Faculty Member

Fall 2023 - Present

*Standing Committee on Community Resources & Impacts (AME80)*

Transportation Research Board

Role: Young Member

Spring 2022 - Present

*Social Equity & Racial Justice Committee*

Northwestern University's Department of Civil & Environmental Engineering

Role: Graduate Student Representative

September 2020 - December 2022

*Earthquake Engineering Research Institute Student Chapter*

University of New Mexico

Role: Secretary

2016

*Civil Engineering Structural Faculty Search Committee*

University of New Mexico

Role: Student Representative

Spring 2015

**Academic Conference Coordination & Planning**

*Natural Hazards Workshop*

Natural Hazards Center

Role: Student Volunteer

Summer 2020

*NSF Sustainable Urban Systems Research Network Workshop*

Northwestern University

Role: Student Scribe

Summer 2019

*First Annual Resilience Colloquium*

University of New Mexico

Role: Co-Organizer

Summer 2017

**Community Engagement & Outreach**

*Student Visit Day*

San Bernardino City High School

Role: Presenter

August 2024

*CicLAmini Meet-and-Greet*

CicLAvia

Role: Co-Organizer

Summer 2024

*Student Visit Day*

San Bernardino City High School

Role: Presenter

August 2023

*Sustained Dialogue Program*

Northwestern University

Role: Participant

Fall 2021

*STEAM-H Student Outreach*

Earthquake Engineering Research Institute

Role: Facilitator

June 2016

*Civil Engineering Department Open House*

University of New Mexico

Role: Demonstrator

September 2015

*STEAM-H Career Exploration Extravaganza Weekend*

Sandia National Laboratories

Role: Facilitator

June 2015

*ASCE Concrete Canoe National Competition*

University of New Mexico

Role: Facilitator

April 2015

*MESA Student Outreach*

Society of Women Engineers

Role: Facilitator

Fall 2014

*Brycon Construction Management Career Expo Day*

University of New Mexico

Role: Demonstrator

February 2014

*Engineering Student Outreach*

Sandia Prep Middle School

Role: Demonstrator

February 2014

## HONORS & AWARDS

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### Funding

- Northwestern University Transportation Center's Dissertation Year Fellowship (2022)
- Northwestern University McCormick School of Engineering's Terminal Year Fellowship (2021)
- National Defense Science and Engineering Graduate (NDSEG) Fellowship (2017 - 2021)
- New Mexico Space Grant Fellowship (2014 - 2015)
- New Mexico Scholar's Scholarship (2006 - 2010)
- Bridge Scholarship (2005)

### Honorary

- Sigma Xi Excellence in Graduate Research Award (2016)
- Summa cum laude (2010)