

Elizabeth Smith

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OBJECTIVE

Motivated master's student in Urban Planning with a background in transportation research and data analysis with growing knowledge of planning concepts through coursework. Eager to apply strong analytical, communication, and problem-solving skills to support diverse transportation planning projects while gaining hands-on experience in the field.

EDUCATION

University of Arizona

Master of Science in Urban Planning

Anticipated Completion: May 2027

- Concentrations in Urban Transportation Planning & Environmental Planning
- GPA: 4.0/4.0
- Relevant Coursework: Transportation and Society, Methods in Urban Planning, Planning Theory & Practice, Graphic Skills, Comprehensive Planning & Land Use Controls, Introduction to GIS for Urban Planning

University of Arizona

Bachelor of Science in Psychological Science - Magna Cum Laude

December 2024

- Relevant Coursework: Advanced Methods in Psychological Research, Psychological Measurements & Statistics

Honors: Dean's List with Distinction, 2024 | Dean's List, 2021, 2022, 2023

EXPERIENCE

Undergraduate Research Assistant

May 2024 - December 2024

Ryan Research Group | Department of Civil and Architectural Engineering, University of Arizona | Tucson, AZ

- Collaborated on the recruitment, development, and execution of a transportation safety study utilizing a driving simulator, co-authoring the final report to be presented at a professional conference.
- Attended the American Society of Civil Engineers' International Conference on Transportation and Development in June 2024 to enhance knowledge of the transportation industry and network professionally.
- Executed formal data analysis, plotting over 5,000 data points to be used in the creation of heat maps.
- Completed literature reviews, research, and presentations regarding ergonomic practices in transportation.

Undergraduate Research Assistant

August 2023 - May 2024

Neuroscience of Reinforcement Learning and Decision-Making Lab | University of Arizona | Tucson, AZ

- Successfully completed weekly coding tasks to analyze behavioral data, ensuring accuracy and consistency by actively resolving discrepancies in the coding process.
- Collaborated with a research team in bi-weekly meetings to discuss problem-solving techniques and refine methodology for data analysis.
- Worked efficiently with the Boris software system to correlate behavior and actions with codes.

PUBLICATIONS

Haroon, S. M., **Smith, E.**, & Ryan, A. (2025). Optimizing sound alerts for traveler information systems: Insights from a driving simulator and eye tracking study. *Transportation Research Part F: Traffic Psychology and Behaviour*, 114, 1077–1097.

<https://doi.org/10.1016/j.trf.2025.07.022>

AFFILIATIONS & MEMBERSHIPS

American Planning Association | Women's Transportation Seminar | Graduate Planning Society

SKILLS

Geographic Information Systems (GIS) | Python | Data Analysis | Research Design | Literature review | Public speaking