

1. Name

Michaela Schuler, Ph.D., P.E.

2. Education

Ph.D., Civil Engineering, The University of Texas at Austin, Austin, TX, 2025

M.S., Civil Engineering, The University of Texas at Austin, Austin, TX, 2021

B.S., Civil Engineering, Bucknell University, Lewisburg, PA, 2014

3. Academic and Professional Experience

Academic Experience

The Citadel, Assistant Professor, Charleston, SC, 2025-Present

The University of Texas at Austin, Teaching Assistant, Austin, TX, 2023-2024

Professional Experience

National Academy of Construction, Student Associate, 2022-2023

U.S. Department of Housing and Urban Development, Housing Supply Intern, 2022

Samet Corporation, Assistant Project Manager, 2016-2020

Forrester Construction Co., Assistant Project Manager, 2012-2013

4. Professional Credentials, Certifications, and Licensing

Licensing

Professional Engineer, State of North Carolina, Reg. No. 049839, 2020

Honors and Awards

Best Technical Paper Award, Journal of Civil Engineering Education, 2023

Graduate Archer Fellow, The University of Texas System, 2022

Best Student Paper, 2nd Place, CSCE/CRC International Construction Specialty Conference

5. Professional Development in the Past Five Years

ASCE Construction Research Congress, Des Moines, IA, 2024

CSCE/CRC International Construction Specialty Conference, New Brunswick, Canada, 2023

American Geophysical Union, Chicago, IL, 2022

ASCE Construction Research Congress, Arlington, VA, 2022

6. Contributions to the Discipline

Service Activities

Associate Editor, Journal of Civil Engineering Education, ASCE

Reviewer, Journal of Construction Engineering and Management, ASCE
Reviewer, Springer Nature Science and Engineering Ethics
Reviewer, Construction Research Congress, ASCE
Teaching Lead, Construction Engineering Capstone Design Course
Teaching Lead, Construction Engineering FE Preparation Course
Advisor, Eight Construction Engineering Students

Publications

- Schuler, M.L., Ritsch, N., Armanios, D.E., Albertson, L., Katz, L.E., Faust, K.M. (2025). Legitimizing Water Service Decisions: Stakeholder Perspectives on Infrastructure Management in Remote Alaska. ACS ES&T Water. <https://doi.org/10.1021/acsestwater.5c00237>
- Wan, T., Bradbury, I., LaPatin, M.*, Brown, M., Katz, L.E., Albertson, L., Faust, K.M. (2025). Drinking Water Preferences in Hauled Households in Rural Alaska. ASCE Environmental and Water Resources Institute, Anchorage, AK, USA.
- Tariq, M., Ritsch, N., Mehendale, P., LaPatin, M., Spearing, L., Katz, L.E., Albertson, L., Armanios, D.E., Faust, K.M. (2024). Access to Water Service Modalities in Rural Alaska: Understanding Community Experiences and Perceptions. ACS ES&T Water. <https://doi.org/10.1021/acsestwater.4c00582>
- Ritsch, N., LaPatin, M., Spearing, L., Armanios, D.E., Albertson, L., Katz, L.E., Faust, K.M. (2024). Standardization versus Situatedness: A Gray Literature Metasynthesis of How Guidance for Alaska's Water Infrastructure Management Varies by Government Level. Journal of Water Resources Planning and Management. <https://doi.org/10.1061/JWRMD5.WRENG-6373>
- LaPatin, M., Spearing, L., Tiedmann, H., Hacker, M., Kavvada, O., Danielou, J., Faust, K.M. (2023). Controversy in Energy Construction Projects: How Social Systems Impact Project Performance. Energy Policy. <https://doi.org/10.1016/j.enpol.2023.113507>
- LaPatin, M., Barrens, S., Poleacovschi, C., Vaziri, B., Spearing, L., Padgett-Walsh, K., Feinstein, S., Rutherford, C., Nguyen, L., Faust, K.M. (2023). Engineering in a Crisis: Observing Students' Attitudes of Macroethics During Pandemics and Natural Disasters. Journal of Civil Engineering Education. <https://doi.org/10.1061/JCEECD.EIENG-1909> (2023 Best Technical Paper Award)