1. **Name**
   Rebekah L. Martin

2. **Education – degree, discipline, institution, year**
   - Ph.D., Civil Engineering, Virginia Tech, 2020
   - BS, Civil Engineering, Bucknell University, 2013

3. **Academic experience – institution, rank, title, when, full time or part time**
   -VMI, Assistant Professor, 2020, full time

4. **Non-academic experience – company or entity, title, brief description of position, when, full time or part time**
   -Research and Teaching Assistant, Virginia Tech, 2013-2020

5. **Certifications or professional registrations**
   -Engineer in Training, 2013

6. **Current membership in professional organizations**
   -Member of the American Society of Civil Engineers
   -Member of the American Society for Engineering Education
   -Member of the Society of Women Engineers
   -Member of Association of Environmental Engineering and Science Professors
   -Member of the American Water Works Association

7. **Honors and awards**
   -Outstanding PhD Award, University Council on Water Resources
   -Ut Prosim Award, Virginia Tech
   -Alumni Board Award for Outreach, Virginia Tech
   -Citizen Scholar Award, Virginia Tech
   -Water is Life Award, ACLU of Michigan
   -Member of Chi Epsilon (Civil Engineering Honor Society)

8. **Service activities**
   -Assistant Moderator, WaterJAM, September 2022
   -Scholarship Reviewer, Society of Women Engineers, April 2022, 2023
   -Abstract Reviewer, Environment Virginia, Fall 2021, 2022
   -Manuscript Reviewer, Environmental Science & Technology, Jan 2021 – present
   -Manuscript Reviewer, Environmental Science: Water Research & Technology, Aug 2021 – present
   -Reviewer, ASEE Southeast Division Annual Conference 2021-2023
   -Institute Honors Committee, VMI, August 2021 – present
   -Committee on Academic Advising, VMI, August 2021 - present
   -Institute Scholarship Committee, VMI, August 2020 – May 2021

9. Publications and presentations from the past five years – title, co-authors if any, where published and/or presented, date of publication or presentation

Martin, R., T. Afrin, and R. Wilkins, (2023). "Engineering course grades as predictors of success in higher-level engineering courses," ASEE Southeast Section Conference, Fairfax, VA.

Martin, R., M. Swenty, K. D'Alessandro, and C. Newhouse, (2023). "Math Preparation and Progress of Undergraduate Students in Civil Engineering Programs in Virginia," ASEE Southeastern Section Conference, Fairfax, VA.

Afrin, T., R. Martin, T. Timmes, and M. Swenty. (2023). *"*Engineering application outreach projects in a college town in the USA,*"* American Society of Civil Engineers-International Perspective on Water Resources and Environment (ASCE-IPWE), Dhaka, Bangladesh

Martin, R.L.; O. Strom; Y. Song; D. Mena-Aguilar; W.J. Rhoads; A. Pruden; M. Edwards. (2022). "Copper Pipe, Lack of Corrosion Control, and Very Low pH May Have Influenced the Trajectory of the Flint Legionnaires' Disease Outbreak." *Environmental Science & Technology: Water*.

Afrin, T., R. L. Martin, R. Wilkins, M. Swenty, and T. Timmes. (2022). "Highlighting Cultures, Civilizations, and Diversity in Historical Civil Engineering Achievements." 2022 ASEE Southeastern Section Conference, Charleston, SC.

Martin, R.L.; O. Strom; Y. Song; D. Mena-Aguilar; W.J. Rhoads; A. Pruden; M. Edwards. "The Influence of plumbing material, corrosion control, and pH on the incidence of Legionnaire's Disease in Flint, Michigan" (2021) Building Water SLAM, Purdue University, virtual

Cullom, A. C.; Martin, R. L.; Song, Y.; Williams, K.; Williams, A.; Pruden, A.; Edwards, M. A. (2020). Critical Review: Propensity of Premise Plumbing Pipe Materials to Enhance or Diminish Growth of Legionella and Other Opportunistic Pathogens. *Pathogens*, 9(11), 957.

Martin, R.L.; O. Strom; A. Pruden; M. Edwards. (2020). Interactive Effects of Copper Pipe, Stagnation, Corrosion Control, and Disinfectant Residual Influenced Reduction of Legionella pneumophila during Simulations of the Flint Water Crisis. *Pathogens*, *9*(9), 730.

Martin, R. L.; K. Harrison; C. R. Proctor; A. Martin; K. Williams; A. Pruden, & M.A. Edwards. (2020). Chlorine Disinfection of Legionella spp., L. pneumophila, and Acanthamoeba under Warm Water Premise Plumbing Conditions. *Microorganisms*, *8*(9), 1452.

Pieper, K*; Martin, R*; Tang, M*; L Walters; J Parks; S Roy; C Devine; M Edwards. (2018) Evaluating water lead levels during the Flint Water Crisis. *Environmental Science and Technology*. *co-first authors

Martin, R., O. Strom, A. Pruden, M. Edwards (2018) "Flint River Water Switch Increased Propensity of Legionella pneumophila Growth in Premise Plumbing" Hot Water Forum, Portland, OR

10. Most recent professional development activities

- Academic Leadership for Women in Engineering Program, Society of Women Engineers, May 2023

-Master Class on Effective Teaching, American Society of Engineering Education, January 2021