

Erin Roy

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EDUCATION

University of Mary Washington (UMW) – Fredericksburg, VA
Bachelor of Science in Geology – Expected May 2026

- **Relevant Coursework:**
 - Chemistry (General & Inorganic), Structural Geology, Mineralogy, Sedimentation and Stratigraphy, Methods of Field Study, Geographic Information Systems (GIS)
- Emphasis on hands-on fieldwork, scientific research, and data analysis using industry-standard tools and software.
- Gained experience interpreting geologic maps, analyzing rock formations, and conducting lab-based investigations—skills directly applicable to secondary science education.

EMPLOYMENT EXPERIENCE

Camp Counselor, Brandywine Learning Center, Chester Springs, PA, June 2024-Present

- **Developed classroom-ready skills** in managing group dynamics, maintaining discipline, and creating engaging educational activities for diverse age groups in informal learning environments.
- **Adapted complex ideas into fun, age-appropriate lessons**, building a foundation for breaking down scientific concepts in a way that connects with high school learners.
- **Built strong communication and mentorship abilities** by fostering positive relationships with campers, helping to guide personal growth, and mediating conflicts—core skills for student engagement and classroom culture.
- **Demonstrated flexibility and leadership under pressure**, managing changing schedules, outdoor activities, and unexpected situations—similar to the adaptability required in a dynamic school setting.

Resident Assistant (RA), University of Mary Washington Residence Life and Housing, Fredericksburg, VA, August 2023-May 2025

- **Gained strong leadership and conflict resolution skills** by supporting and guiding peers through academic, social, and personal challenges—essential for managing a high school classroom effectively.
- **Planned and facilitated educational and community-building programs**, directly translating to experience in creating engaging lesson plans and fostering a positive classroom culture.
- **Maintained responsibility for the safety and well-being of residents**, building awareness of student needs, emotional intelligence, and crisis management—all crucial in a teaching role.
- **Developed excellent communication and interpersonal skills** through daily interactions with diverse student populations, preparing for effective collaboration with students, parents, and colleagues.

EXTRACURRICULAR

Varsity Field Hockey Player, University of Mary Washington Field Hockey, Fredericksburg, VA, August 2022-Present

- **Demonstrated strong teamwork and collaboration**, working closely with diverse teammates to achieve shared goals—mirroring the cooperative environment of a successful classroom.
- **Balanced rigorous academic and athletic schedules**, showcasing time management, organization, and a strong work ethic applicable to lesson planning and classroom responsibilities.

Varsity Diver, University of Mary Washington Swimming and Diving, Fredericksburg, VA, December 2024-present

- **Developed intense focus and discipline**, refining technical skills through repetition and self-reflection—similar to the preparation and attention to detail required in teaching complex subjects.

- **Practiced goal-setting and self-motivation**, consistently striving for personal improvement—mirroring the mindset needed to support student growth and achievement.

Vice President, UMW Student Conduct Review Board, Fredericksburg, VA, September 2023-Present. (VP April 2025-Present)

- **Elected student leader trusted with upholding community standards**, demonstrating integrity, accountability, and a commitment to fairness—core values for creating a respectful and inclusive classroom environment.
- **Collaborated directly with the university’s Head of Student Conduct**, gaining experience in professional communication, policy enforcement, and decision-making—skills essential for classroom management and school-wide collaboration.
- **Led peer discussions on complex behavioral cases**, honing conflict resolution, active listening, and critical thinking—transferable to mediating student issues and fostering a safe learning space.
- **Balanced authority with empathy**, practicing how to support student development while maintaining clear expectations—a vital approach in high school teaching and mentorship.

SKILLS

- Microsoft software such as Excel, Word, PowerPoint, Teams, and Outlook
- Google Software such as Sheets, Docs, Slides, and Classroom
- Experience with Canvas
- ArcGIS (Geographic Information Systems)
- Certified crowd safety manager through Residence Life
- Hands-on lab work
 - Both chemical and geological
- Geologic Field Work
- Scientific reading and writing comprehension