

Dylan Bloodworth

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CERTIFICATIONS

Virginia Teaching Licensure
Science Education (Physics), Grades 6-12

Anticipated Summer 2025

Adult and Pediatric First Aid/CPR/AED
American Red Cross

July 2025 - July 2027

EDUCATION

Masters of Education in Curriculum and Instruction | Virginia Tech | Blacksburg, VA
Program: Science Education

Anticipated Summer 2025

Bachelor of Science | Virginia Tech | Blacksburg, VA
Major: Physics | Minor: Math

May 2022

TEACHING EXPERIENCE

Student Teacher | Salem City High School | Salem, VA

January 2026 - Present

- Observed instructional and classroom management strategies implemented by the cooperating teacher.
- Built rapport with students by providing individualized instructional support.

Student Intern | Cave Spring Middle School | Roanoke, VA

September 2025 - December 2025

- Conducted classroom activities for 8th grade physical science, utilizing inclusive and inquiry-based pedagogies.
- Analyzed quantitative and qualitative data from assessments to better target areas for future student support.
- Initiated student engagement through scaffolding and encouraging inclusive group work; utilized age-appropriate strategies including Think-Pair-Share sentence stems and Claim-Evidence-Reasoning prompting questions.
- Assisted teacher and instructional aids in applying positive classroom management to support relationships.
- Integrated feedback from cooperating teacher and university supervisor to create meaningful learning experiences more cognitively aligned to my 8th grade students.

Graduate Teaching Assistant | Virginia Tech | Blacksburg, VA

January 2026 - Present ; August - December 2022

- Assisted student-centered learning in introductory physics lectures using iClicker technology and Think-Pair-Share strategies to increase engagement.
- Utilized *Socratic Questioning* to address student misconceptions of physics content during semiweekly office hours.
- Applied cooperative learning strategies during recitations to support interpersonal relationships and student self-esteem during problem solving.
- Evaluated student progress by grading weekly problem sets and midterms; contributed to teaching team discussions on implementing novel instructional strategies.

Graduate Teaching Assistant | Washington State University | Pullman, WA

August 2023 - December 2024

- Guided critical thinking in introductory physics labs for life science and engineering majors, managing PASCO lab equipment and developing data collection skills.
- Assisted in planning and piloting new interdisciplinary physics lab activities to connect knowledge and practices across biology, biomedical, ecology, and physics.
- Supported pre-service elementary education teachers in learning physics and aligning instruction and pedagogy based on the NGSS standards
- Enhanced disciplinary literacy by identifying concerns and providing feedback on physics knowledge and writing in lab reports.

AWARDS & HONORS

Teacher of Promise 2026 | Teachers of Promise Institute
Recipient | Alice W. Johnson Endowed Scholarship in Science Education
H. Y. Loh Awardee | Virginia Tech Department of Physics
Co-Valedictorian | Virginia Tech Department of Physics

February 2026
August 2025
May 2022
May 2022