

Your First and Last Name

eID@dukes.jmu.edu | (540) 555-5555

Education

James Madison University (JMU)

Masters of Science in Biology

Thesis: *The Effects of Urbanization on Pollinator Diversity and Ecosystem Services*

Harrisonburg, VA

May 20XX

Virginia Commonwealth University (VCU)

Bachelor of Science in Biology

Richmond, VA

May 20XX

Teaching Experience

College of Science and Math, JMU

Teaching Assistant

Harrisonburg, VA

January 20XX-May 20XX

- Assisted in delivering lectures and laboratory sessions for undergraduate biology courses, fostering an engaging learning environment for 100+ students.
- Graded assignments, exams, and lab reports, providing detailed feedback to enhance student understanding of key biological concepts.
- Conducted review sessions to help students prepare for exams, focusing on core topics such as cellular biology, genetics, and ecology.
- Facilitated interactive discussions during recitations, reinforcing course material and encouraging student participation in scientific dialogue.
- Supervised and mentored students during lab experiments, ensuring safe laboratory practices and proper use of equipment (e.g., microscopes, pipettes, PCR machines).
Prepared laboratory materials and reagents, ensuring accurate measurements and proper storage of chemicals and biological specimens.

Research Experience

Department of Chemistry, VCU

Undergraduate Research Assistant

Richmond, VA

January 20XX-May 20XX

- Conducted organic synthesis and purification of target compounds using techniques such as column chromatography, recrystallization, and NMR spectroscopy, contributing to the development of novel pharmaceutical intermediates
- Maintained accurate lab records and performed data analysis using Excel and spectroscopy software, supporting the preparation of a peer-reviewed journal article

Airgas

Assistant Researcher

Richmond, VA

June 20XX-September 20XX

- Collaborated with cross-functional teams to develop and optimize gas delivery systems, enhancing safety protocols and improving efficiency in high-volume production environments.

Leadership Experiences

College of Science and Math, JMU

Biology Ambassador

Harrisonburg, VA

August 20XX-Present

- Engage with 2,000+ prospective students and families to represent and promote the department
- Collaborate with faculty and staff to plan and facilitate outreach events
- Mentor 15 undergraduate students through course selection, research involvement, and academic success.

Beta Beta Beta Biology Honor Society, VCU

President

Richmond, VA

August 20XX-May 20XX

- Coordinated scientific seminars, research presentations, and service projects for 300+ members

- Acted as liaison between the chapter and national TriBeta organization, ensuring compliance with bylaws, submitting annual reports, and securing support for student-led initiatives
- Facilitated 20 chapter and executive council meetings

Member

January 20XX-May 20XX

- Participated in 110+ hours of service projects throughout the Richmond community
- Promoted scientific literacy to 35 middle schoolers through classroom presentations

Publications

“*The Effects of Urbanization on Pollinator Diversity and Ecosystem Services*”, Doe, J., Smith, B., Jennings, A. Ecological Society of America

“*Long-Term Effects of Climate Change on Coastal Wetlands: A Study of Vegetation Shifts and Sediment Dynamics*”
Henry, D., Doe, J., Global Change Biology

Presentations

“*The Effects of Urbanization on Pollinator Diversity and Ecosystem Services*”, Doe J., Smith, B., Jennings, A. Graduate Symposium, James Madison University, Harrisonburg, VA, May 20XX

“How Our Choices Affect the Environment” Doe. J., Lloyd, G. madiSTEM, James Madison University, Harrisonburg, VA, March 20XX

“*The Effects of Urbanization on Pollinator Diversity and Ecosystem Services*”, Doe, J., Smith, B., Jennings, A. American Biology Society Conference, Pittsburg, PA, Jan 20XX

“*Green Synthesis: Advancements in Sustainable Organic Reactions*”. Doe, J., Pitts, L., Eastern Analytical Symposium, Plainsboro, NJ, November 20XX

“*Long-Term Effects of Climate Change on Coastal Wetlands: A Study of Vegetation Shifts and Sediment Dynamics*”
Henry, D., Doe, J., Summer Biology Workshop, Richmond, VA, July 20XX

Relevant Skills

- Chromatography
- CRISPR/Cas9
- Geographical Information Systems
- Python
- GenBank
- UV-Vis Spectroscopy

Relevant Coursework

- Effective Scientific Communication
- College Science Teaching
- Mentored Teaching
- Thesis Research
- Quantitative Ecology and Evolution Laboratory
- Genetics
- Foundations of Biology
- Human Anatomy
- Plant Biology
- Systematics of Vascular Plants

Professional Affiliations

- Women in Science and Engineering
- Ecological Society of America
- Society for Conservation Biology
- National Association of Environmental Professionals

Honors and Awards

- Biology Honors Program, *Virginia Commonwealth University*, 20XX-Present
- Glaxo Women in Science Scholarship, *GlaxoSmithKline*, 20XX-Present