

CHEMISTRY

Clinton Johnson, Ph.D.

Assistant Professor of Chemistry

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Davis & Elkins College
DIVISION OF MATHEMATICS & NATURAL SCIENCE

Chemistry majors at Davis & Elkins College have ample opportunities to develop the necessary skills to be an independent scientist. In the classroom, students are engaged in learning through the promotion of class discussions that help build process skills such as teamwork, communication, problem solving, and critical thinking. The laboratory courses are designed to guide students through the scientific exploratory process and promote oral and written communication skills. In addition, students perform specialized research where they receive one-on-one mentoring with their professor. In the department currently, students are exploring the hydrogen bonding network of protonated molten salts through vibrational spectroscopy. The work being completed in this project is the foundation for an international collaboration using novel spectroscopic techniques. Outside of the classroom and laboratory, chemistry majors engage in a student group whose focus is to promote STEM for K-12 students in the surrounding Elkins area. Ultimately, the small class sizes and one-on-one interactions with their professors set students up for success in graduate and professional schools.

UNIQUE COURSES

- Biochemistry
- Environmental Chemistry
- Physical Chemistry
- Undergraduate Chemical Research
- Instrumental Analysis

GRADUATE SCHOOL PLACEMENTS

- West Virginia University
- Virginia Commonwealth University
- Marshall University School of Medicine
- Wayne State University in Michigan
- Duquesne University
- George Mason University
- University of Mississippi
- Dartmouth College of Engineering
- West Virginia School of Osteopathic Medicine
- Clemson University
- Lake Erie College of Osteopathic Medicine
- University of California
- Colorado State University
- Boston College

13:1

Student to
Faculty Ratio

45

Undergraduate
Programs

<700

Students
Enrolled



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EMPLOYMENT PLACEMENTS

- Indivior Inc., Fort Collins, Colorado
- Perrigo Pharmaceuticals, Greenville, South Carolina
- Herndon High School
- National Institute of Occupational Safety and Health
- Cardinal Newman School, South Carolina
- BWX Technologies Inc., Lynchburg, Virginia
- Aurum Labs, Durango, Colorado
- U.S. Army Medical Institute of Chemical Defense, Maryland

STUDENT SUCCESS STORY

"Catering directly to the student, D&E's chemistry programs have been both flexible and adept in helping me begin and fulfill my career aspirations as a future doctor. Opportunities for research, one-on-one learning, leadership and deep learning of the subject material have all been fostered by the caring faculty and truly made my time at college a wonderful starting experience in higher academia."

-Gabriele Pealer, Class of 2024