

Greater Happens in the Department of Chemistry

The VSU Chemistry Department offers several tracks for a B.S. degree in chemistry. The biochemistry/preprofessional track prepares students for graduate programs or professional schools - such as pharmacy, medicine, dentistry, podiatry, optometry, physical therapy, or veterinary science. The forensics track prepares students to work in the laboratory, performing and developing analysis methods and being responsible for validating evidence. The flexible chemistry track allows electives based on a focus area or a minor in another major. A chemical engineering track gives students a dual degree in chemistry and engineering in 5 years. Finally, the education track qualifies students to teach in secondary education

The VSU Chemistry Department B.S. degree can be challenging for students, however, the degree is flexible for employment, provides competitive salaries and good job availability outlook for graduates. Graduates have the advantage of a physical science background for professional school applications.

The VSU Chemistry Department, is a small department with faculty who provide individualized student mentoring. We have two former students who are now professors in the department. Just a few examples of where our former majors work are shown below and can be found on LinkedIn.



Nacole B. King, Ph.D.
2010 VSU Chemistry Graduate
Senior Physical Scientist at US
Government Accountability Office



Danielle Moye, M.S.
2012 VSU Chemistry Graduate
Forensic Scientist at Bexar County
Manassas, Virginia

Alumni



Brandi Ford
2019 VSU Chemistry Graduate
Industrial Customer Technical
Service Technologist, Afton
Chemical Richmond, Virginia



Alaura Cunningham
2022 VSU Chemistry Graduate
M.D. Student at Morehouse
School of Medicine

The VSU Chemistry Department has an agreement with Virginia Commonwealth University and scholarship funding to encourage the pursuit of a 3 + 2-year degree program for a dual major of chemistry (VSU) and engineering (VCU). The median pay of a mid-level chemical engineer is \$112,000 according to the Occupational Outlook Handbook. This pay is for a bachelor's level degree with job outlook at 10% growth.

The VSU Chemistry Department has an agreement with Howard University School of Pharmacy wherein competitive majors can complete their B.S. degree in chemistry during their first year at Howard working towards their Pharm. D. degree. Therefore, upon completion in six years combined, students could have a B.S. in chemistry and Pharm. D. degree. Other memorandums of understanding with other professional schools are in the works. Pharmacists make, on average, \$136,000 per year after earning a Pharm. D. and often have some flexibility in scheduling. The outlook for pharmacy jobs is at just about 5% growth.



Jocelyn Brown
 Student Pharmacist at
 Howard University
 2016 VSU Chemistry Graduate
 Lancaster, Pennsylvania



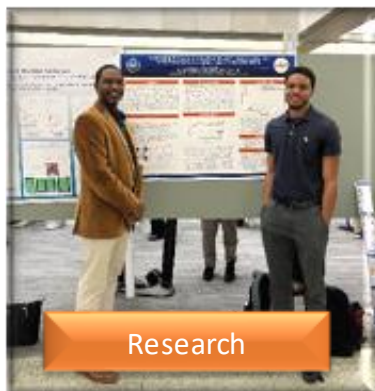
Hillary Mosley, PharmD, MBA
 2016 VSU Chemistry Graduate
 Community Pharmacist
 Charlotte, North Carolina

Alumni



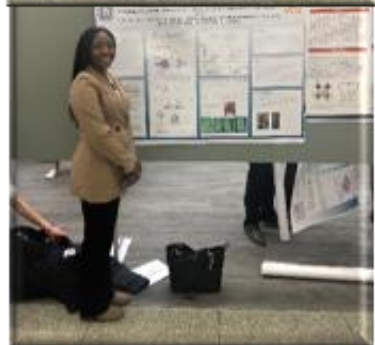
Chance Sellers
 2021 VSU Chemistry Graduate
 Chemical, Biological,
Radiological and Nuclear Officer
US Army

Sharisse Davis, PharmD
 2008 VSU Chemistry Graduate
 Investigations Unit Chief/Pharmacist Inspector
 Washington, District of Columbia, United
 States



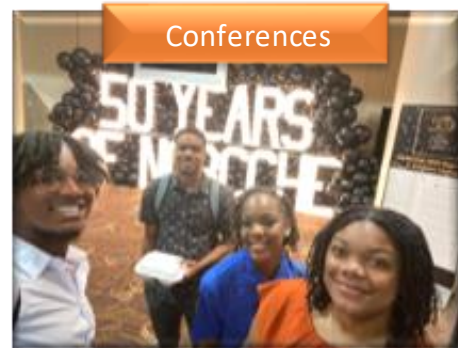
Research

The VSU Chemistry Department produces competitive students who conduct research experiences for undergraduates. STEM Fields in Biochemistry, Biomedical Engineering, Chemical & Nuclear Engineering or in other Chemistry fields currently have hundreds of possible matches for internships nationwide. Student researchers can earn around \$6,000 - \$8,000, free travel and housing for 8-10 weeks in the summer while pursuing their undergraduate degree. [Pathways to science](#) provides a search engine to narrow down matches.



The VSU Chemistry Department also provides research experiences on campus during the academic year and summer for students who want to remain in the area. Students are funded to attend conferences

The VSU Chemistry Department student club is an American Chemical Society award winning group, and just know how to have fun! They are contributing to their community, building comradery, and attending conferences.



Conferences



Club Activities

