



## RADFORD UNIVERSITY DEPARTMENT OF CHEMISTRY AND PHYSICS

### QUICKFACTS

- Almost 60% of our graduates currently attend graduate or professional school.
- In addition to traditional chemistry or professional graduate programs, our students have been accepted to a wide variety of programs including biochemistry, astrochemistry, materials science, forensics, and psychology.
- We currently offer a 3/2 program leading to a degree in Chemistry from RU and a degree in Chemical Engineering from Virginia Tech.
- The Department offers a degree option to prepare students for pharmacy, medicine and dentistry programs. A degree option in forensic chemistry is planned next year in collaboration with the new RU Forensic Institute.
- Our students get hands-on experience using the most modern instrumentation, and \$360,000 has been recently spent to purchase new equipment for the Department.

### Teaching

The Chemistry Program at Radford University takes a very hands-on approach, both inside and outside the classroom and laboratory. Within the classroom and laboratory setting, enrollments are kept small so that the faculty can interact on a personal level with students. In contrast to larger institutions, the faculty are also responsible for teaching both the lecture and laboratory portions of each course. Outside the normal classroom and laboratory setting, most of our faculty hold study and/or review sessions on a weekly basis



### Research

Our Department emphasizes the importance of student engagement in research and most Chemistry students participate in undergraduate research during their time at RU.

Recent projects have included a wide range of topics including the development of methods to test race car fuels, the synthesis of new catalysts for improved biodiesel production, and the development of an artificial wetland.



Radford University has a history of financially supporting summer student research and travel to professional meetings. Many of our students have presented their research at local, regional, and national meetings over the last year.

### Student Activities

The Chemistry Program at Radford University maintains an active Student Affiliates Chapter of the American Chemical Society where students can participate in a variety of activities which include providing tutoring services for underclassmen, organizing various fund raising activities for the club, visiting and giving chemistry demonstrations to local elementary and secondary schools, and a having fun participating in a wide range of social events.

