

SERMACS 2017 Grad Schools and Recruiters

[University of Tennessee – Knoxville](#)



DEPARTMENT OF CHEMISTRY

At the Department of Chemistry at the University of Tennessee, we offer a long-standing tradition of excellence in chemical research and education, stretching from 1947, when the department granted the University's first Ph.D. degree, to the present. Our 28 faculty members have research interests that both span the traditional areas of chemistry and encompass new interdisciplinary fields such as materials chemistry, chemistry of the life sciences, and environmental chemistry.

University of Tennessee, Knoxville

We offer Ph.D. and M.S. degrees in analytical, inorganic, organic, physical, and polymer chemistry. Ph.D. students may also specialize in theoretical chemistry or may, in cooperation with the Department of Physics, pursue a degree in chemical physics. UT Chemistry has one of the highest annual base stipends in the Southeast: Ph.D. stipend starts at \$24,580/year. We have close ties with the nearby Oak Ridge National Lab and currently have four joint faculty members with the Lab. The research achievements of the UT Chemistry faculty have been recognized nationally and internationally. Three members of the department are fellows of the American Association for the Advancement of Science. Our faculty also boasts several winners of the NSF CAREER award and its predecessor, the National Young Investigator award. Members of the faculty have been commended for innovative research and teaching by the Dreyfus Foundation, the American Chemical Society, the American Physical Society, and the Department of Energy.

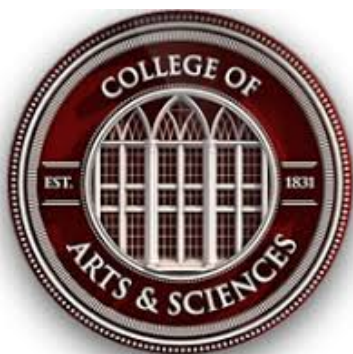
[Kennesaw State University Chemistry and Biochemistry](#)



The Master of Science in Chemical Sciences at Kennesaw State University is a research-intensive, thesis-based program with tracks in Chemistry and Biochemistry. Flexible curriculum, individually tailored to students' backgrounds and research interests, requires only 33 credit hours and is usually completed within two years.

Research opportunities are available in all areas of chemistry and biochemistry, from synthetic organic chemistry to enzymology, with most graduate faculty having support from federal agencies. Stipends average \$18,000/year and tuitions are typically waived. Graduates from our program are presently pursuing Ph.D. studies at institutions ranging from the University of Leiden to Vanderbilt, are ORISE fellows at the Centers for Disease Control, or working for major industries including Johnson Matthey, Solvay, Southern Company and Georgia Pacific. Kennesaw is part of the Atlanta metro area, close enough to all the arts and entertainment but without the hassles of the interstate commute. Want to make your future better? Join us at Kennesaw State, the *best university you've never heard of, yet!*

[University of Alabama – Department of Chemistry](#)



The Department of Chemistry at the University of Alabama is a growing program that produces excellent world-class research, and offers master's and doctoral degrees. We have 26 full-time faculty and nearly 100 graduate students. We are based in Shelby Hall, a modern facility where we maintain a wide range of instrumentation, both shared and specialized. Our faculty's research spans the major chemistry disciplines and numerous interdisciplinary fields. Our students also routinely interact with scientists in other fields to address problems of current interest.

[Emory University](#)



EMORY
UNIVERSITY

The Department of Chemistry at Emory University believes that the best teaching and research happens in the context of a scientific community. Together, we engage in creative problem-solving at the molecular level. Our collaborative research themes in catalysis, sustainable energy, and living/non-living interfaces are anchored by foundational strengths in biomolecular, inorganic, organic, and physical chemistry. Visit our booth to learn about graduate studies at Emory, including how you can apply for free, as well as summer opportunities for undergraduates!

[University of Mississippi](#)



THE UNIVERSITY of
MISSISSIPPI

[The Florida State University](#)



THE FLORIDA STATE UNIVERSITY
CHEMISTRY & BIOCHEMISTRY

FSU Department of Chemistry & Biochemistry offers PhD degrees that prepare students for careers in analytical, biochemical, inorganic, materials, nuclear, organic, and physical chemistry. We are proud of our cutting-edge research, educational programs, and state-of-the-art research facilities. Our faculty are Fellows of AAAS, ACS, MRS, APS, and Biophysical societies, as well as members of the Royal Academy of Science. Our graduate students win National awards, including ACS awards and NSF, DOE, McKnight, and American Heart Associations graduate fellowships. The department is comprised of 30 faculty, 165 graduate students, and 60 postdoctoral associates.

[University of Georgia](#)



UNIVERSITY OF
GEORGIA

The Department of Chemistry at the University of Georgia has as its main goal the education and training of professional chemists for entry into industry, government, or the academic world. Graduate students pursue research-oriented programs of study leading to the Ph.D. or M.S degrees. Most graduate students directly pursue a Ph.D. without getting the M.S. degree, and they can specialize in analytical, inorganic (or bioinorganic), organic, or physical chemistry. Additional, numerous areas of interdisciplinary research may be pursued by students, regardless of their major area in courses.

[University of Texas at Arlington](#)



UNIVERSITY OF
TEXAS
ARLINGTON

[University of Texas at Dallas](#)



[North Carolina State University](#)



The chemistry graduate program at NC State has approximately 130 graduate students across four divisions of study. Graduate students in the Department of Chemistry perform cutting edge interdisciplinary research. Working with our 30 distinguished and award winning faculty, graduate students develop the skills needed to excel in academic, industrial, and government positions throughout the world. Our research programs cover a diverse spectrum including analytical, bioanalytical, inorganic, organic, physical, energy, photochemistry, materials, computational, theoretical and chemical education.

[Clemson University](#)



Clemson University is a comprehensive research university with a traditional emphasis on science and engineering.

The Department of Chemistry includes 23 faculty and approximately 100 graduate students and has a broad array of research instrumentation and facilities. Research in the department covers the traditional disciplines (Analytical, Inorganic, Organic, and Physical Chemistry) and offers diverse opportunities for interdisciplinary research in nanomaterials, advanced optical materials, biophysical chemistry, computational chemistry, medicinal chemistry, and bioinorganic chemistry. The chemistry program at Clemson is one of the largest and most active programs on campus. Almost all Chemistry PhD students receive financial support through either a teaching or research assistantship. In addition, Clemson offers a favorable climate, friendly atmosphere, and the Chemistry Graduate Student Organization organizes social activities such as hiking and rafting.

[University of North Carolina Charlotte MS in Chemistry](#)



The Department of Chemistry at UNC Charlotte provides opportunities for graduate research in all traditional chemical disciplines, while maintaining strong ties to interdisciplinary programs in nanoscale science, biotechnology and bio-medicine, optical science, and electrical and mechanical engineering. The department maintains an impressive array of chemical instrumentation, most of which is available for hands-on use by any research student that needs it.

Faculty research interests include nanoscale science, computational chemistry, organic synthesis, polymer chemistry, organometallic chemistry, electrochemistry, structural and mechanistic organic chemistry, materials and interfacial chemistry, catalysis, biochemistry, bioanalytical chemistry, and biophysical chemistry. Many chemistry faculty perform collaborative research with colleagues in Biology, Bioinformatics and Genomics, Physics and Optical Science, Mechanical Engineering, Electrical Engineering, Civil Engineering, or with researchers at the Carolinas Medical Center.

[University of North Carolina Charlotte Ph.D. in Nanoscale Science](#)



The disciplines meet at the
NANOSCALE

The Nanoscale Science Ph.D. Program at UNC

Charlotte is an interdisciplinary program that addresses the development, manipulation, and use of materials and devices on the scale of roughly 1-100 nanometers in length, and the study of phenomena that occur on this size scale. The program prepares students to become scholarly, practicing scientists who possess the critical thinking, methodological, and communication skills required to advance and disseminate knowledge of fundamental and applied nanoscale science. Established in Fall 2007, UNC Charlotte's Nanoscale Science Ph.D. Program is the first program of its kind in the State of North Carolina. The many challenges and opportunities that nanoscale science presents to society require collaborative, interdisciplinary approaches to research. Students enrolled in UNC Charlotte's Ph.D. program in Nanoscale Science learn about this exciting field from the perspectives of faculty members of a variety of disciplines and develop an advanced knowledge base of a selected science or engineering discipline. All of the NANO core courses are team taught and/or co-developed by teams of faculty members from multiple disciplines. This approach provides students trained in a specific science or engineering field at the undergraduate or master's level with the tools needed to work effectively with scientists and engineers from other disciplines on cutting-edge research projects.

[Auburn University](#)



Auburn University Department of Chemistry and Biochemistry offers M.S. and Ph.D. degrees in all fields of chemistry and biochemistry. We are a vibrant department with 23 research groups, including 6 new Assistant Professors who started in 2016 and 2017, and about 70 graduate students. Our department consistently receives high rankings, including the No. 4 program in the country on the Top Chemistry Graduate Programs list that was released by GraduatePrograms.com in 2016. Please visit our booth for more information!

[University of Kentucky Pharmaceutical Sciences PhD Program](#)



The Pharmaceutical Sciences PhD Program at the University of Kentucky College of Pharmacy is a multidisciplinary program designed to prepare individuals for academic, industrial, or government careers in pharmaceutical and biomedical research. The program encompasses research in areas ranging from identifying fundamental mechanisms of human disease, to design, development and formulation of new medicines, to understanding the impact of drug policies on health care systems. Within this broad scientific framework, students develop individually tailored programs of study to meet their particular research interests and career objectives. All accepted students receive a competitive stipend, paid tuition and health insurance

[University of Kentucky](#)



The department of chemistry at the University of Kentucky will host a booth to provide information about our graduate program. Students may stop by the booth to speak to existing faculty and graduate students.

[Western Carolina University](#)



Interested in an M.S. in chemistry as a stepping stone to a higher-level job or Ph.D. school? Consider Western Carolina University! In the beautiful mountain setting of western North Carolina, we have a lot to offer. Our highly supportive faculty and small cohort of students provide a family-like feel, and our large suite of high-tech instrumentation and dedicated scientists support novel research in biochemistry, nanomaterials, environmental studies, and much more. We also offer a business chemistry track for students interested in the corporate side of chemistry. Visit our booth to learn what it takes to join the catamount family!

[Tulane University](#)



[University of Miami](#)

UNIVERSITY
OF MIAMI



The University of Miami, Department of Chemistry is a strong, vibrant research-centered community offering Ph.D. and M.S. degrees. We are a diverse, mid-sized program with 16 faculty and 60 graduate students located in the picturesque Coral Gables campus. The department has an outstanding record at nurturing and graduating minorities as reflected by the fact that during the last ten years more than half of our Ph.D. graduates were members of underrepresented group, most notably Hispanic and women. In addition to the traditional disciplines, research in our department focuses on bioanalytical, catalysis, computational/theoretical, electrochemistry, materials, photochemistry, surface chemistry and others.

[Mississippi State University](#)



As a NSF Top 100 Research Institution and ranked 59th in all public universities without a medical school, Mississippi State has enjoyed a rich history of pioneering chemical education in the Southeastern region of the US. Our graduate program offers MS and PhD degrees in the four traditional areas of Analytical, Inorganic, Organic, and Physical Chemistry as well as the disciplines of Biochemistry, Biophysics, Chemical Biology, Chemical Education, Chemical Physics, Computational Chemistry, Environmental Chemistry, and Materials & Polymers. The department operates state-of-the-art instrumentation facilities that support our research and teaching missions including our flag ship Nuclear Magnetic Resonance (NMR) facility (300, 500, & 600 MHz instruments), X-Ray Crystallography, and Mass Spectrometry centers of excellence. Our award winning and diverse research faculty outperforms the best institutions in our bench mark peer group in critical areas such as the all-encompassing metric of Ph.D. graduates per research faculty. Research publications from our department are the most highly cited (in any discipline) from Mississippi State, the State, and much of the region.

[Western Kentucky University](#)



WKU Chemistry provides an amazing array of educational and professional opportunities for our students. We are home to a growing number of vibrant and enthusiastic researchers, dedicated to their students in the both the classroom and the research lab. Research areas in the department include, novel extractions, protein engineering, potential energy surface modelling, environmental laser spectroscopy, nanomaterials for energy harvesting, anti-cancer chemistry, metal-organic frameworks, and aerobic oxidation catalysis. Our faculty have garnered funding support for their research from NASA, NIH, NSF, USDA, and a variety of other sources. With approximately 25 active Master's students, the department is constantly buzzing with actively engaged students who are excited about what they do.

[South Carolina Governor's School for Science and Mathematics](#)



SOUTH CAROLINA
GOVERNOR'S SCHOOL
FOR SCIENCE
& MATHEMATICS

The South Carolina Governor's School for Science and Mathematics (GSSM) provides a college level high school experience for 11th and 12th graders from across the state. Over 80% of the faculty are PhDs in their chosen area. GSSM is a residential state-funded school. The mission of GSSM is to offer our state's most academically motivated students a unique learning environment that strengthens their ability to think critically, stimulates the joy of learning and fosters the excitement of discovery through hands-on scientific research.

[Indiana University](#)



Our department provides outstanding opportunities for advanced study in numerous fields of chemistry. Our faculty are involved in cutting edge research and stand at the forefront of the research community. Students leave well prepared for careers in government and industrial research, along with research and teaching positions in the academic field.

[UNC Greensboro](#)



THE UNIVERSITY of NORTH CAROLINA
GREENSBORO

The Department of Chemistry and Biochemistry at the University of North Carolina, Greensboro, will be available to discuss graduate school opportunities with prospective students. UNCG Chem & Biochem boasts a PhD in Medicinal Chemistry, as well as unique terminal master's degrees in Chemistry and Chemistry with Biochemistry concentration. The department is home to the new Medicinal Chemistry Collaborative, is well funded by the NIH, and is the home to very active, accomplished faculty with significant publishing, funding, and award records.

[University of South Carolina](#)

Department of
Chemistry and Biochemistry

COLLEGE OF ARTS AND SCIENCES
UNIVERSITY OF SOUTH CAROLINA

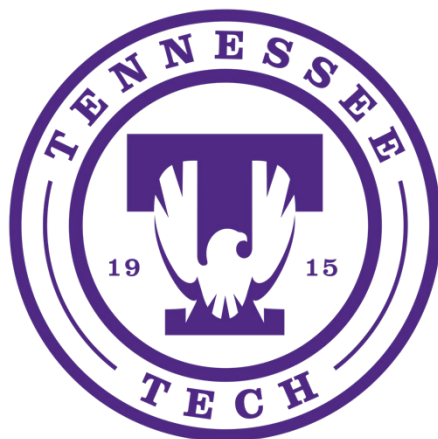
U of SC's highly-rated Department of Chemistry and Biochemistry contains 35 faculty and 154 graduate students working in all areas including nanoscale, marine, forensic and environmental chemical sciences. The department fosters a collaborative educational environment, training students to think independently, solve complex problems, and to use advanced research tools. Our award-winning faculty, nationally competitive stipends, research facilities, support staff and nationally ranked funding base provides students with all the elements required for their advanced study. The sunny and vibrant Columbia region also provides the richly fulfilling lifestyle desired by candidates who value breadth as well as depth in their careers.

[Wake Forest University](#)



WAKE FOREST
UNIVERSITY

[Tennessee Technological University](#)



Tennessee Technological University is located in Cookeville, Tennessee, about an hour outside Nashville, TN on the Cumberland Plateau. The Department of Chemistry offers both BS and MS programs in Chemistry and participates in the Environmental Sciences PhD program, offering concentration in Environmental Chemistry. Areas of Research include (but are not limited to) analytical chemistry, biochemistry, nuclear and radiochemistry, organic chemistry, physical chemistry, environmental chemistry and molecular modeling. TTU is a Carnegie Small Doctoral university with an enrollment of approximately 12,000 students. Graduate students are supported by either teaching assistantships or research assistantships (tuition plus monthly stipend).

[George Washington University](#)

THE GEORGE
WASHINGTON
UNIVERSITY
WASHINGTON, DC

The Chemistry Graduate Program at the George Washington University fosters active learning through an intensive, research-based curriculum. Combined with advanced coursework and training in the discipline, our award-winning graduate students engage in cutting-edge research alongside expert faculty.

The Chemistry Department is housed in GW's new, state-of-the-art Science and Engineering Hall. Located in the heart of Washington DC, our program takes advantage of unparalleled access to a range of governmental agencies, DC-area national laboratories, institutes, and NGOs, providing a unique scientific environment and fantastic educational opportunities.

[University of North Carolina Wilmington](#)



[Virginia Commonwealth University](#)



The Department of Chemistry at Virginia Commonwealth University (VCU) offers programs leading to Doctor of Philosophy degrees in Chemistry, Nanoscience, and Chemical Biology. The graduate program at VCU is a dynamic and exciting place for students to pursue advanced, interdisciplinary studies in chemistry, chemical biology and nanotechnology. Please visit our graduate school recruiter Booth at SERMACS 2017 for more information.

[University of Louisville](#)

UNIVERSITY OF
LOUISVILLE®

Apply for graduate studies in the Department of Chemistry at the University of Louisville (<http://louisville.edu/chemistry>). Our department offers excellent opportunities for research across the chemical sciences supported by outstanding research infrastructure. You will be working alongside faculty who are at the vanguard of their research field and will develop broad skills to help you achieve your goals, whether in academia, industry or beyond. Located close to the heart of Louisville, with its vibrant entertainment and recreational options, you are sure to find an exciting and enriching experience.

[North Carolina Central University](#)



North Carolina Central University is seeing applicants for admission to the following graduate programs:

- Chemistry, M.S.
- Biological and Biomedical Sciences, M.S.
- Earth Sciences, M.S.
- Pharmaceutical Sciences, M.S.
- Integrated Biosciences, Ph.D.
(Biomedical Sciences track and Pharmaceutical Sciences track)

[Vanderbilt University](#)



Vanderbilt University's Department of Chemistry offers a highly competitive, ACS- accredited graduate program that nurtures individual goals, fosters innovation and collaboration, and opens doors to a wide variety of professional goals. The department also boasts world-class mass spectrometry facilities.

VU Chemistry is part of the vibrant life of Vanderbilt, a major top 20 university and a Tier 1 research institution, located in Nashville, TN, a city known for its music, innovation, entrepreneurship, and dynamic quality of life.

[Georgia Tech Centers for Chemical Innovation](#)



The Centers for Chemical Innovation (CCI) Program supports research centers focused on major, long-term fundamental chemical research challenges. CCIs integrate research, innovation, education, and informal science communication; they include a plan to broaden the participation of underrepresented groups. Each CCI focuses on a specific grand challenge in chemistry and gathers researchers from across the country to address that challenge. Currently, there are nine fully funded CCIs.

[Saint Louis University](#)



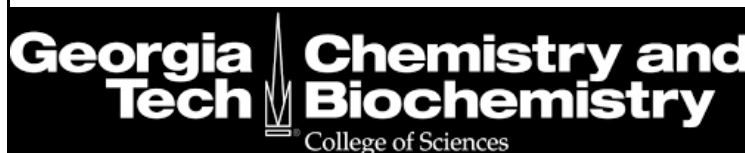
Established in 1908, Saint Louis University's Chemistry Department houses active research groups in analytical, physical, organic, and inorganic chemistry, as well as in the cross-disciplinary areas of materials, environmental, and biological chemistry. We offer Masters and Ph.D. degrees and our graduates have found employment in industry, academia, and government agencies.

[North Carolina A&T](#)



The Department of Chemistry has currently twelve faculty members and three full time lecturers teaching and researching in all areas of chemistry. Our program covers a diverse spectrum of research including analytical, biological, inorganic, organic, physical, theoretical, materials, and nanoscience. The chemistry program is assisted by capable staff members handling various day to day duties efficiently. The Department of Chemistry has over 70 undergraduates and 14 graduate students in the Fall of 2016

[Georgia Institute of Technology, School of Chemistry and Biochemistry](#)



The School of Chemistry and Biochemistry at Georgia Tech is one of the most highly ranked chemistry departments in the U.S. In collaboration with the Colleges of Engineering and Computing, we provide a unique and cutting-edge multidisciplinary environment to pursue graduate work. The School maintains cutting-edge research facilities for materials characterization in five recently completed buildings designed for interdisciplinary research and collaboration helping students obtain doctoral or master's degree in chemistry. Additionally, with the formation of "centers" our department nurtures interdisciplinary research in organic electronics, chemical evolution, optical and mass spectrometry imaging, computational chemistry, astro-biochemistry, molecular biophysics, biomaterials, and laser dynamics.

[Delta State University](#)



Delta State University's Department of Chemistry and Physics will be sharing information and brochures about the department and its Master of Science in Natural Science program, specifically the Physical Science concentrations. Brochures will provide information about both the research and educator's track within the Physical Science MSNS concentration. General information about Delta State University will also be provided.

[Duquesne University Chemistry and Biochemistry](#)



[Florida International University Chemistry and Biochemistry](#)



[Masters of Chemical Sciences University of Pennsylvania](#)



Penn
Master of Chemical Sciences

MASTER OF CHEMICAL SCIENCES

The MCS program equips you with theoretical and technical expertise in biological chemistry, inorganic chemistry, organic chemistry, physical chemistry, environmental chemistry, and materials. Take full advantage of Penn's expansive network and complete your research, capstone or independent study with local and national partners or in one of the University's stellar facilities to accelerate your career.

<http://www.sas.upenn.edu/lps/graduate/mcs>