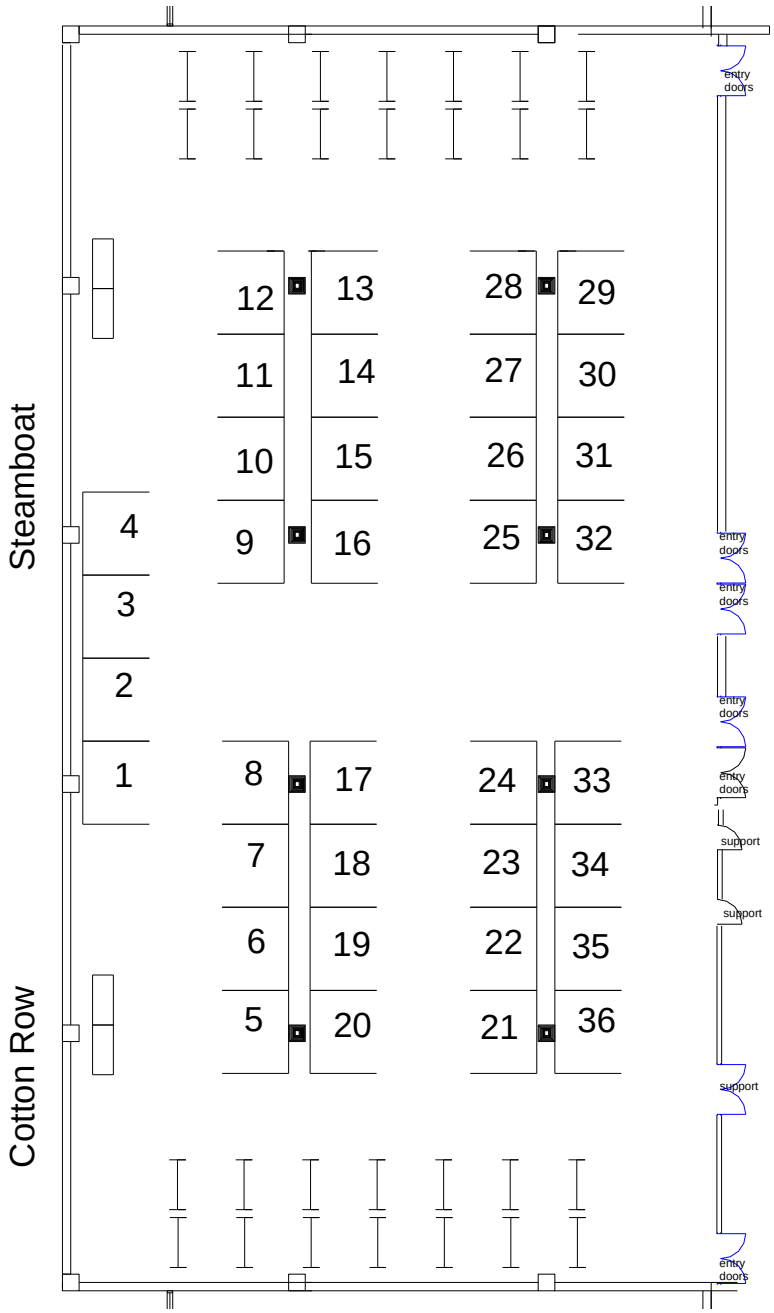
Graduate School Fair

Steamboat-Cotton Row (West Mezzanine)

November 7, 2015

9 am to 2 pm

Be sure to complete your scavenger hunt card and turn in at the Registration Desk.



Alphabetical Listing of Graduate Schools

Clemson University – Booth 1

Clemson University is a public research institution located in the foothills of the Blue Ridge Mountains in a rapidly developing upstate region of South Carolina. It is a comprehensive research university with a traditional emphasis on science and engineering. The Department of Chemistry at Clemson University is a mid-size graduate program offering both MS and PhD degree programs, with 24 research faculty and approximately 100 graduate students. The department has faculty members with research efforts in all of the traditional areas of chemistry, with strengths in advanced materials, chemical biology, computational chemistry, nanoscale materials, and solid-state chemistry. http://www.clemson.edu/ces/departments/chemistry/

Emory University – Booth 24

The Chemistry Program supports a vibrant & world-class research program integrated with outstanding graduate education. We are a top ranked department with cutting edge research that ranges from novel disease fighting drugs to the latest environmentally friendly catalysts for energy production and from exploring the origin of life to paradigm shifts in computational chemistry. While the department is formally organized into 4 divisions (organic, inorganic, physical, & biomolecular) our highly collaborative environment encourages students to tackle problems that cross the traditional disciplines.

Florida International University – Booth 14

Georgia Southern University – Booth 18

Georgia Southern's **Master of Science in Applied Physical Science (MS-APS)** housed in the College of Science and Mathematics is a terminal professional degree that prepares you for the workplace. Gain real-world experience in applying physical science to the business, government, and nonprofit sectors. This master of applied science program deepens your understanding of the science used in your field, giving you a solid grounding in business fundamentals and communications. You can choose between a terminal non-thesis or a terminal thesis option, and select an interdisciplinary concentration area in: Environmental Science , Material and Coatings Science, and Pharmaceutical Science.

Jackson State University – Booth 8

We strive to build the best PhD program in the country that fosters a culture and environment conducive for underrepresented minorities. We stress challenging curricula, nurturing environment, training in chemistry teaching, research and research publication, and proposal writing to prepare doctoral graduates to be university professors. Our faculty members publish 7 papers per faculty per year, ranking among the top chemistry departments in the country.

Indiana University – Booth 17

Kennesaw State University – Booth 32

The **Master of Science in Chemical Sciences (MSCB)** is a thesis-based and stipend funded program with tracks in Chemistry and Biochemistry offering flexible curriculum tailored to the student's research interests. The 33-credit-hour program includes research opportunities in all areas of chemistry and biochemistry as well as interdisciplinary areas such as chemical biology, chemical education, astrochemistry, and nanochemistry. Ongoing projects are funded by the National Science Foundation, the National Institutes of Health, the Research Corporation for Scientific Advancement, and the Petroleum Research Fund. The MSCB will prepare students to think in an interdisciplinary fashion about problems in chemistry and biochemistry

Louisiana State University – Booth 36

North Carolina State University – Booth 12

Oklahoma State University – Booth 6

Rice University – Department of Chemistry – Booth 10

Graduate students in the Rice University Department of Chemistry have established an extraordinary record of achievement. Coupled with a **prolific publication rate** (seven publications and nearly three first authorships), a typical student in the program publishes multiple papers cited in the top 10% worldwide. Underlying the development of Rice chemists is a strong, dynamic, interdisciplinary faculty that includes a **Nobel Laureate**, six members of the **National Academy of Sciences**, and two members of the **National Academy of Engineering**. The low student-to-faculty ratio (3:1) ensures that students have ample access to faculty time, instrumentation, and other resources.

Rice University – Department of Biosciences – Booth 11

Rice University Doctoral Program in Biochemistry & Cell Biology. Rice Ph.D. programs provide rigorous graduate training tailored to the scientific background and interests of each student. Coupled with the development of critical thought and independence in the laboratory, this training ensures competitive preparation for a research career. The Department of Biosciences has faculty participating in three doctoral programs: Biochemistry & Cell Biology; Systems, Synthetic & Physical Biology; and Ecology & Evolutionary Biology.

St. Louis University – Booth 9

The College of William and Mary – Booth 29

Union University School of Pharmacy – Booth 30

The School of Pharmacy is equipping young pharmacists to enter practice as confident, prepared individuals motivated by excellence and a desire to serve. We equip students to completely practice in

the ever-changing arena of pharmacy. Students have the unique opportunity to participate in laboratory research as part of this curriculum.

University of Akron – Booth 33

The College of Polymer Science & Polymer Engineering at The University of Akron provides funded educational and research experiences leading to the M.S. or Ph.D. degree. Located on a beautiful, modern campus in Akron, Ohio, the College is a vibrant, global contributor to the scientific and technological development of polymers.

University of Alabama at Birmingham – Booths 22 and 23

University of Alabama at Tuscaloosa – Booth 7

University of Georgia – Booth 20

University of Houston – Booth 21

Pursue a Ph.D. degree in organic, inorganic, or physical chemistry at the University of Houston, Department of Chemistry. Work with nationally and internationally recognized faculty like Maurice Brookhart, Olafs Daugulis, or Allan Jacobson, among other in their state-of-the-art research facilities. Students are fully supported through teaching and research assistant fellowships. Houston is a vibrant, top-ranked city in jobs, business, heath care, scientific innovation, ethnic and cultural diversity, and has the lowest cost of living among major U.S. cities. Apply today!

University of Kentucky College of Pharmacy – Booth 35

The Ph.D. program in Pharmaceutical Sciences at the University of Kentucky College of Pharmacy offers exciting opportunities for students seeking training in the areas of Medicinal, Bioorganic & Computational Chemistry; Pharmaceutical Chemistry & Engineering; and Pharmacology & Experimental Therapeutics. Students in our program receive a competitive stipend ($24,000 per year), paid tuition and health insurance. Our graduates are highly valued by the pharmaceutical industry, government agencies and academia.

University of Miami – Booth 25

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.

University of North Texas – Booth 15

University of South Carolina – Booth 27

USC's highly rated Department of Chemistry and Biochemistry contains 36 faculty and 146 graduate students working in all areas of chemistry as well as nanoscale, marine, forensic and environmental chemical sciences. The collaborative learning environment fostered by the department trains students to think independently using advanced research tools and insights. 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.

University of South Florida – Booth 16

The University of South Florida System is a young and agile doctoral research institution in Tampa, Florida that serves nearly 48,000 students – ranking 10th worldwide among universities granted U.S. patents and fifth among the nation's most veteran friendly universities. The Department of Chemistry at USF is dedicated to developing globally competitive students in Academia and Industry with interests in one of our many research areas. Research opportunities are available in such interdisciplinary and specialized areas as Biomolecular Transformations and Analysis, Drug Discovery, Chemical Education, Computation and Modeling, Medicinal Chemistry, Molecular Catalysis, Porous Materials, and Polymers Chemistry. Our state-of-the-art core facilities contain a large array of synthetic, characterization, and analysis tools (e.g. one 800 MHz, two 600 MHz, two 500 MHz and one 400 MHz multinuclear NMR spectrometers) that facilitate chemistry research endeavors.

University of Tennessee at Knoxville – Booth 5

The department of chemistry at the University of Tennessee, Knoxville includes 29 faculty, over 130 graduate students and 200 chemistry majors. Research in UTK chemistry department span the traditional areas of chemistry (analytical, inorganic, organic, physical and polymer chemistry) and encompass new interdisciplinary fields such as materials chemistry, nanochemistry, biological and environmental chemistry. Several chemistry faculty participate in research institutes that foster collaboration between University of Tennessee scientists and the staff at nearby Oak Ridge National Laboratory. Program includes: Ph.D. Program Base Stipend: $24,080; Full tuition waiver, health insurance coverage; State-of-the-art NMR, Polymer Characterization Lab, Mass Spectrometry Facilities; Strong ties to nearby Oak Ridge National Lab; 30 minutes away from Smokey Mountain; and Cost of living 22% below national average.

University Texas at Dallas – Booth 31

The Chemistry Graduate degree program at UT Dallas is administered by the Department of Chemistry and Biochemistry. The program is designed to produce graduates with a focus on innovation and problem solving in interdisciplinary cutting edge research areas such as organic and inorganic materials, nanotechnology, polymer chemistry, biotechnology and biochemistry. The graduates, with their broad theoretical background, research skills and practical attitudes find ready employment in industry or academic positions. A spectrum of courses provides the student with a broad knowledge of chemistry and biochemistry. Additional Information can be found at http://www.utdallas.edu/admissions/graduate/degrees/detail.php?d=111 or http://www.utdallas.edu/chemistry/graduates/ChemistryFAQ.pdf .

Vanderbilt University – Booth 34