From molecules to sustainability

The Clemson University Department of Genetics and Biochemistry consists of a team of 22 research-active faculty, 40-plus graduate students, six lecturers, 10 postdoctoral fellows and 10 staff members. We have extensive teaching and research expertise in human, animal, plant and microbial biochemistry and genetics, as well as in molecular and biomedical genetics and bioinformatics.

Our vigorous research programs have applications in a wide range of fields, including disease diagnosis, drug development, food security, biotechnology and conservation. We embrace a commitment to excellence in high-quality education and research. Join the Clemson genetics and biochemistry family, and be part of the globally impactful research team.
A great place to study and live

Clemson University is home to one of the nation’s top-ranked academic programs, consistently listed in the Top 25 in U.S. News and World Report’s college ranking. Clemson is located on the shores of Lake Hartwell and is home to an adjacent 17,500-acre experimental forest. Hiking, biking, sightseeing and a bustling downtown are just a small part of our community’s charm.

Degree programs

We offer Ph.D. programs in genetics, and biochemistry and molecular biology. Students with bachelor’s or master’s degrees in biological, agricultural, physical sciences, or engineering are encouraged to apply. Core courses for both programs include advanced, discipline-specific and professional-development courses. Opportunities are available for students to present research results at regional, national and international scientific meetings, and submit grant proposals in collaboration with faculty members. Faculty research interests can be found on our website:


Exceptional facilities

We are part of the Eukaryotic Pathogens Innovation Center and Clemson Center for Human Genetics. Students and faculty enjoy access to state-of-the-art facilities and labs, including the Palmetto Cluster supercomputer, the Clemson University Genomics and Bioinformatics Facility, the Clemson University Light Imaging Facility, and the Multiuser Analytical Lab and Metabolomics Core.

Your future career

Our graduates have accepted positions at prestigious institutions, including Stanford, Yale and Emory universities; the universities of Pennsylvania and Michigan; Dartmouth College and Cold Spring Harbor Laboratory, as well as in government agencies and industry.

Application details

The application deadlines for fall and spring admittance are Jan. 1 and Sept. 1, respectively. Applications received after the deadlines are not guaranteed full consideration. Application to graduate programs in the department requires:

➤ Three letters of recommendation.
➤ Unofficial transcripts of all colleges and universities attended.
➤ General Graduate Record Examination (GRE) scores.
➤ A personal statement.
➤ TOEFL or IELTS scores (for international applicants).
➤ Other materials of your choice.

Apply today: Visit https://bit.ly/2Oxh41c for application updates and admissions requirements, or connect with our graduate student services program coordinator. Call 864-656-6237 or email gbhelp@clemson.edu.