



ASSISTANT PROFESSOR - HUMAN GENETICS

Job description

Clemson University invites applications for a tenure-track Assistant Professor as part of a Cluster Hire at the Center for Human Genetics, with an expected start date of August 2021. Clemson University offers competitive salaries, benefits and start-up funds.

The successful applicant will have an accomplished research record at the forefront of human genetics/genomics. Applicants whose research combines experimental laboratory work and computational approaches are especially desirable.

The Center for Human Genetics (<https://scienceweb.clemson.edu/chg/>) is housed in Self Regional Hall, a new 17,000-square-foot building located in Greenwood, South Carolina on Greenwood Genetic Center Partnership Campus. The Center for Human Genetics provides a vibrant interactive research environment with state-of-the-art genomic and computational resources, and is ideally configured for collaborative research with excellent bioinformatics facilities and state-of-the-art molecular laboratories. The Center for Human Genetics and the Greenwood Genetic Center are well-equipped for genomics, proteomics and metabolomics research, including NovaSeq 6000 and PacBio Sequel II sequencers. Successful applicants will be part of a collaborative and interdisciplinary environment that includes the research, diagnostic and clinical geneticists at the Greenwood Genetic Center, the genetics, genomics, statistics and bioinformatics faculty at Clemson University, the USC School of Medicine in Greenville and the Greenville Health System. The home department will be determined by the fit of the applicant's research interests with the mission of one of the departments in the College of Science (www.clemson.edu/science), including the Department of Genetics and Biochemistry (www.clemson.edu/science/departments/genetics-biochemistry/index.html), the Department of Mathematical Sciences (www.clemson.edu/science/departments/mathematical-sciences/index.html) and the Department of Biological Sciences (www.clemson.edu/science/departments/biosci/index.html).

The University and Center for Human Genetics are committed to building a diverse and inclusive community of faculty scholars dedicated to working and teaching in a multi-cultural environment (<http://www.clemson.edu/inclusion/>). We are also supportive of the needs of dual career couples.

Qualifications

Successful candidates must hold a doctoral degree and have postdoctoral experience. Competitive candidates will demonstrate an ability to develop a vigorous and independent, externally funded and nationally recognized research program; demonstrate teaching

excellence and a commitment to diversity inclusion; and participate in relevant undergraduate and graduate education programs.

Application Instructions

Applicants must submit the following items via Interfolio at <http://apply.interfolio.com/82505>:

- (1) cover letter;
 - (2) Curriculum Vitae;
 - (3) statement of research interests including future plans;
 - (4) statement of teaching interests and experience;
 - (5) statement describing past experience and/or future plans to promote diversity and inclusion;
- and
- (6) up to three reprints in one PDF.

Applicants should also arrange, through Interfolio, the submission of three confidential letters of recommendation on their behalf.

Review of applications will begin on February 15, 2021 and continue until the position is filled.

Inquiries should be directed to Dr. Trudy Mackay (tmackay@clemson.edu)

Clemson University

Clemson is a dynamic research university located in Upstate South Carolina at the center of the booming I-85 corridor between Charlotte, N.C., and Atlanta, Ga. One of the nation's most selective public research universities according to *U.S. News & World Report The Princeton Review*, Clemson University is the school of choice among top students in South Carolina and is increasingly competitive for the best students in the region and the nation. More than 17,100 students select from 70 undergraduate and 100 graduate degree programs through five academic colleges: Agriculture, Forestry and Life Sciences Architecture, Arts and Humanities; Business and Behavioral Science; Engineering and Science; and Health, Education and Human Development.

Clemson's transformation into a leading — currently attracting in excess of research institution \$140 million in externally funded research and sponsored program awards per year — is based upon an academic plan that identifies eight emphasis areas in which the University has opportunities to increase education and research, to align with South Carolina's economic development needs and to draw upon faculty strengths. Emphasis areas include automotive and transportation technology, advanced materials, biotechnology and biomedical sciences, leadership and entrepreneurship, sustainable environment, information and communication technology, family and community living, and general education.

Diversity Profile: Clemson University

“Clemson University aspires to create a diverse community that welcomes people of different races, cultures, ages, genders, sexual orientation, religions, socioeconomic levels, political perspectives, abilities, opinions, values and experiences. Clemson University will strive to reflect these differences in its decisions, curriculum, programs and actions. The institution will seek to ensure that underrepresented groups have equal access to the education and resource opportunities available at the University. Policy and procedures are carefully scrutinized to sustain an inclusive and productive environment.”

Clemson University is committed to affirmative action and equal employment opportunity. The policy of equality extends to both the employment practices and administration of programs and activities within the University. It applies (1) to persons seeking employment and those employed, and (2) to persons who wish to participate in and benefit from programs and activities, along with those who are now participants.