

**Clemson University**  
**Assistant Professors in Human Genetics**

Clemson University invites applications for two tenure-track Assistant Professors as part of a Cluster Hire at the Center for Human Genetics, with an expected start date of August 2022. Clemson University offers competitive salaries, benefits and start-up funds.

The successful applicants will have accomplished research records at the forefront of human computational genetics/genomics. Areas of special interest include, but are not limited to, theoretical population genetics, statistical genetics, systems genetics, comparative evolutionary genomics of disease, and genomic data analysis. A strong candidate for the statistical genetics position would be able to develop, evaluate, prototype, and ultimately implement cutting edge statistical, computational, and machine learning methods for the integrative analysis of large-scale genetic and genomic data. However, all computational areas with the potential to significantly advance the field of human genetics will be considered.

The mission of the Center for Human Genetics (<https://scienceweb.clemson.edu/chg/>) is to understand the principles and mechanisms by which genetic and environmental factors affect human health and disease. The Center for Human Genetics provides a vibrant interactive research environment with state-of-the-art genomic and computational resources. The 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 Prisma Health System. The Center of Human Genetics currently consists of 16 faculty and their lab groups in four Departments, located on Clemson main campus and in Greenwood, South Carolina on the Greenwood Genetic Center Partnership Campus. These positions will be located on the Clemson main campus. The home department will be determined by the fit of the applicant's research interests with the mission of the Department of Biological Sciences ([www.clemson.edu/science/departments/biosci/index.html](http://www.clemson.edu/science/departments/biosci/index.html)), the Department of Genetics and Biochemistry ([www.clemson.edu/science/departments/genetics-biochemistry/index.html](http://www.clemson.edu/science/departments/genetics-biochemistry/index.html)), or the School of Mathematical and Statistical Sciences ([www.clemson.edu/science/departments/mathematical-sciences/index.html](http://www.clemson.edu/science/departments/mathematical-sciences/index.html)).

Clemson University is 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 encourage applications from women, minorities and individuals with a commitment to mentoring colleagues and students from demographic groups underrepresented in the sciences. We are also supportive of the needs of dual-career couples.

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.

Applicants should submit the following items via Interfolio at <https://apply.interfolio.com/99433>: (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.

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

For full consideration, applications should be submitted by January 15, 2022. Review will continue until the position is filled.

*Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty and staff committed to working in a multicultural environment.*