



UNIVERSITY OF
SOUTH CAROLINA

**Arnold School of Public Health
Tenure Track Associate Professor of Biostatistics**

As part of the University of South Carolina (UofSC) Excellence Initiative, the Department of Epidemiology and Biostatistics and Big Data Health Science Center (BDHSC) in the Arnold School of Public Health (ASPH) invite applications for a nine-month tenure-track position in Biostatistics at the rank of Associate Professor. The successful applicant will have: an earned doctoral degree in biostatistics, statistics or closely related field with demonstrated evidence of high-quality scholarly research in developing data analytics; a successful track record of competitive external funding in support of research; at least 5 years of university-level teaching and/or research experience by the beginning of employment; and expertise in data science (i.e., big data analytics including data mining, pattern analysis, classification, machine learning, high dimensional data analysis, and integrated data analysis with applications in epidemiology, public health, and genetics). Applicants with expertise in electronic health data from a variety of systems (e.g., the Department of Defense (DOD), Department of Veterans Affairs (VA), Centers for Medicare and Medicaid Services administrative claims), bioinformatic data, genomic data or geospatial data are particularly encouraged to apply; however, candidates from all areas of data science in public health will be considered. The successful applicant will be expected to maintain an active independent methodological research program, engage in multidisciplinary collaborative research in the Department of Epidemiology and Biostatistics and BDHSC, teach biostatistics courses to students in biostatistics, epidemiology and other fields, mentor graduate students, and contribute to the department, BDHSC and school through professional service.

UofSC is a comprehensive Carnegie University of High Research Activity and Community Engagement. Located in the capital city of Columbia, UofSC has five Health Science Units in addition to ASPH: 1) School of Medicine in Columbia 2) School of Medicine in Greenville, 3) College of Nursing, 4) College of Pharmacy, and 5) College of Social Work.

The **ASPH**, founded in 1975, is the second largest school of public health nationally among public universities in terms of overall enrollment. The ASPH consists of six departments and several research centers that address topics such as disease prevention, nutrition and physical activity, cancer, health services and policy, rural health, HIV/AIDS, aging, and health disparities.

The **Department of Epidemiology and Biostatistics** is home to 31 faculty members, 20 in the Division of Epidemiology and 11 in the Division of Biostatistics. The faculty's robust research portfolio includes funding from a broad spectrum of federal agencies (e.g., NIH and CDC) and non-profit organizations. The department has a rich tradition of producing outstanding trainees. Currently 89 students are enrolled in our master's and doctoral degree programs. The department, school, and university provide a strong collaborative environment for interdisciplinary team science across the public health research continuum. More information about ASPH and the Department of Epidemiology and Biostatistics can be found at www.sph.sc.edu.

The **Big Data Health Science Center (BDHSC)** was funded by the UofSC Excellence Initiative in 2019. The BDHSC will serve as a campus-wide interdisciplinary enterprise that conducts leading edge research and discovery, offers professional development and academic training, and provides service to the community and industry. There are five content cores in the BDHSC (electronic health core, genomic core, bio-nanomaterials core, geospatial core, and social media core) with the participation of more than 40 faculty members across 19 departments and 10 colleges at UofSC.

Columbia, SC enjoys more than 300 days of sunshine annually and has ready access to pristine beaches, lakes, rivers and mountains. The city hosts historical and cultural attractions, festivals, performing arts and sporting events, parks and outdoor recreation including Congaree National Park and 50,000-acre Lake Murray.

At the ASPH, we strive to create an inclusive, diverse community that facilitates our commitment to social justice, equity and humility for the communities that we serve. We seek opportunities to recruit, retain and promote individuals from traditionally underrepresented populations to further this vision. Our commitment to diversity, inclusion, and community engagement at the ASPH and university at-large is reflected by many programs and partnerships across campus including the Office of Diversity and Inclusion, which hosts the SC Collaboration for Race and Reconciliation and Welcome Table SC, Black Faculty Caucus, Latino/a & Hispanic Faculty Caucus, Queer Faculty and Staff Caucus, the Office of Multicultural Student Affairs, the Center for Civil Rights History and Research, and others. In addition, faculty are encouraged to participate in the Teaching Towards Inclusive Excellence certificate program.

UofSC is an affirmative action, equal opportunity employer. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, protected veteran status, genetics, pregnancy, childbirth or related medical conditions.

The University of South Carolina offers a robust benefits package described at:
http://www.sc.edu/about/offices_and_divisions/human_resources/benefits/index.php.

How to apply: Applications require: 1) letter of application; 2) curriculum vitae; 3) research statement; 4) teaching statement; and 5) contact information for three references. Submit your application at the following link: The position as posted <http://uscjobs.sc.edu/postings/68417>.

Review of applications will begin immediately and continue until the position is filled. The anticipated start date is August 2020. If you have questions about the position, please contact Dr. Jiajia Zhang, Search Committee Chair, at jzhang@mailbox.sc.edu.