

Tenured or tenure-track faculty position at the rank of Associate or Full Professor  
**Biostatistics and machine learning applied to infectious diseases**  
Department of Epidemiology & Biostatistics  
College of Public Health

In the coming years, the **University of Georgia** (UGA) will hire a total of 50 faculty in eight clusters through the Presidential Interdisciplinary Faculty Hiring Initiative in Data Science and Artificial Intelligence (<https://t.uga.edu/7hW>). One of these clusters will consist of eight tenure-track or tenured faculty in Artificial Intelligence, Data Science, and Infectious Disease Dynamics (<https://www.ceid.uga.edu/idd/>). This cluster will strengthen and expand UGA's position as a global leader in infectious disease dynamics.

As part of this hire, the [Department of Epidemiology and Biostatistics](#) seeks to fill a position at the Associate or Full Professor level in **Biostatistics and machine learning applied to infectious diseases**. The position is scheduled to start on August 1, 2022 and is an academic year appointment (9 months) with an opportunity to supplement salary during the summer.

Recognized globally for its contributions to disease ecology, epidemiology, and evolution, UGA is seeking to build on its existing core strengths in modeling pathogen spillover, transmission, interventions, and spatial spread by expanding its capabilities in epidemic forecasting, biosurveillance, applications of artificial intelligence to infectious disease research and infectious disease dynamics, and nonparametric, agent-based, and multi-scale modeling of disease transmission.

To facilitate interaction among these researchers, each faculty member will have membership in the [Center for the Ecology of Infectious Diseases \(CEID\)](#) and/or the [Institute of Bioinformatics \(IOB\)](#). Collectively, these new faculty members will help position UGA to contribute to anticipated national networks of centers for molecular epidemiology, predictive intelligence for infectious diseases, and infectious disease forecasting, modeling, and analytics.

**Qualifications:** Candidates must have a PhD in Biostatistics, Statistics, or a related field; candidates with an equivalent terminal degree (e.g., MD, DSc, DrPH) will also be considered. Please see the requirements for Associate and Full Professors in the [Unit Criteria for Promotion and Tenure in the College of Public Health](#). We especially seek internationally recognized scholars at or above the rank of Associate Professor or equivalent. Candidates should have a proven track-record of work at the interface of biostatistics and infectious diseases. Applicants should be working in an area related to biostatistics, data analytics, machine learning, AI, or mathematical and computational modeling of infectious diseases. Specific areas of interest include but are not limited to adaptive Bayesian design of vaccine trials, analysis of high-dimensional data, analysis of diverse data streams, infectious disease forecasting, modeling of infectious disease dynamics, and causal inference. Candidates should have a proven track record of extramural funding and be recognized as a leading scholar in their area of research commensurate with appointment to the rank of Associate or Full Professor.

**Responsibilities:** The successful candidate will be expected to continue a trajectory of increased research productivity and successful extramural funding. Teaching of undergraduate and graduate courses offered by the department is expected. Service and outreach activities in the

form of commitment to student mentoring and supervision of projects and dissertation research, service to the department, college, and university, as well as the scientific profession are also expected.

To apply and for further information, see: <https://www.ugajobsearch.com/postings/225496>.

Review of applications begins November 15, 2021 and continues until filled. All applications received by November 15th, 2021 will receive full consideration. Applications should include: 1) cover letter, 2) curriculum vitae, 3) research statement highlighting interest in and contributions to infectious disease modeling and forecasting, 4) teaching statement, and 5) statement on commitment to diversity, equity and inclusion. Applicants should also provide names and contact information for at least 3 references using the online system. For questions, contact the chair of the search committee, Andreas Handel ([ahandel@uga.edu](mailto:ahandel@uga.edu)).

The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, gender identity, sexual orientation or protected veteran status.