UVA BIOCOMPLEXITY INSTITUTE NOW HIRING RESEARCH FACULTY

About Us

The Biocomplexity Institute at the University of Virginia is seeking applications for research faculty positions in statistical sciences within our Social and Decision Analytics division. Our researchers combine expertise in statistics and social and behavioral sciences to develop evidence-based research and quantitative methods to inform policy decision-making and evaluation. Our research team spans many disciplines including statistics, economics, sociology, psychology, political science, policy, health IT, public health, program evaluation, and data science.

Our researchers address complex social problems by leveraging the diversity of data flows available today, including administrative and government records, surveys, social media, and sensors. Through team collaboration, the research faculty candidate is expected to develop the capacity to discover, repurpose and redirect these data flows to solve critical social problems. Computational complexity is at the heart of our research and our division leverages all the research capability of the Biocomplexity Institute, along with the high performance computing infrastructure.

What we're looking for...

- Ph.D in statistics or in a very closely related field
- Credentials equivalent at assistant or associate rank
- Experience with advanced approaches to statistics and data-driven model development

Computational skills:
- Fluent in at least one statistical coding environment (e.g. R, Python/ Pandas)
- Comfort with coding in at least one non-statistical language (e.g. Python, Java, C++)
- Experience using SQL to interact with relational databases (e.g. Postgres, SQL Server, Oracle)
- Experience conducting spatial analyses using a dedicated GIS application or common statistical libraries (e.g. sf, Geopandas)

Communication and team science skills:
- Demonstrated strong oral and written communication skills
- Experience in developing peer-reviewable publications and evidence of publications in peer-reviewed journals

APPLY NOW

Please apply online, complete an application and attach a cover letter, 2-page research statement, curriculum vitae, and have three confidential letters of reference sent to SDADjobs@virginia.edu. This position will be located in the Biocomplexity Institute's Arlington, VA office. For more information about this position, please visit the Biocomplexity Institute's career page.