UNIVERSITY of VIRGINIA | Biocomplexity Institute & Initiative

The Social & Decision Analytics Division (SDAD) is seeking applications for multiple postdoctoral associates in statistics and social and behavioral sciences. SDAD is a leading laboratory in the Biocomplexity Institute & Initiative (BII) at the University of Virginia. BII performs world-class informatics research in life sciences, social sciences, and human health by integrating theory, modeling and simulation with computational and experimental science in a transdisciplinary, team science research environment.

SDAD combines expertise in statistics and social and behavioral sciences to develop evidence-based research and quantitative methods to inform policy decision-making and evaluation. The researchers at SDAD span many disciplines including statistics, economics, sociology, psychology, political science, policy, health IT, public health, program evaluation, and data science.

SDAD 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 postdoctoral 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 SDAD research and SDAD leverages all the research capability of BII, along with the High Performance Computing infrastructure.

The positions will be offered at the rank of postdoctoral associate and will be located in BII's location in Arlington, VA. The anticipated start date for the position is May of 2020. Earlier start dates will be considered.

Required Qualifications:

- Applicants must be on track to receive a PhD in statistics, social and behavioral sciences, digital humanities or in a very closely related field by May of 2020 and must hold a PhD at the time of appointment.
- Experience with advanced approaches to statistics and data-driven model development.
- Experience with statistical software systems such as R, programming, and databases.
- Excellent communication skills, both oral and written, demonstrated through the development of publications and delivery of presentations.
- Be motivated, enthusiastic and self-driven.
- Ability to excel in a highly collaborative team science environment.

Preference will be given to those applicants with:

- Experience using diverse sources of data, both traditional ones such as surveys, and non-traditional ones, such as administrative data and social media.

APPLY through UVAjobs https://uva.wd1.myworkdayjobs.com/UVAJobs, **search for posting R0011005 or go HERE.**

Required Application Documents:

- CV
- Cover Letter detailing your relevant experience and interest in the position
- Summary of your coursework

In addition, please have three confidential letters of reference sent to this email address: SDADjobs@virginia.edu.

Applications that do not contain all of the required materials will not receive full consideration.

Review of applications is ongoing, and will continue until the positions are filled.

To learn more about SDAD and BII, please visit us at biocomplexity.virginia.edu

For questions about the position or application process, please contact Savanna Galambos at skh7b@virginia.edu

This position is restricted and is dependent upon project need, availability of funding, and performance. The University will perform background checks on all new hires prior to employment. This position will also require an Education Verification (FSAKA).

The University of Virginia, including the UVA Health System and the University Physician's Group are fundamentally committed to the diversity of our faculty and staff. We believe diversity is excellence expressing itself through every person's perspectives and lived experiences. We are equal opportunity and affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.