OPEN RANK FACULTY POSITION IN ENVIRONMENTAL RESILIENCE & EQUITY

Employer: University of Virginia
Location: Virginia, United States
Salary: Salary Commensurate with experience
Posted: Jan 15, 2021
Position Type: Faculty Positions, Science, Technology & Mathematics, Engineering, Other Science & technology
Employment Level: Tenured/Tenured Track
Employment Type: Full Time

Position Description

The University of Virginia seeks applicants for an Open Rank tenure/tenure track position in the broad area of "smart cities and landscapes" as part of a cluster hire in environmental resilience being coordinated through the pan-university Environmental Resilience Institute. Candidates working in this area who are focused on the environmental racism dimensions of cities and landscapes will be given highest priority. This multi-year cluster hire is focused on the development and growth of a group of transdisciplinary scholars working together to tackle persistent socio-environmental problems in Virginia and beyond. It is expected that the successful candidate will hold a joint appointment in the School of Engineering and Applied Science, the School of Data Science or the School of Architecture. Joint appointments and associated promotion and tenure policy are described at
https://uvapolicy.virginia.edu/policy/PRO

Rapid environmental change is presenting a wide range of challenges that are not felt uniformly. Marginalized communities have long endured lower standards of environmental quality which has contributed to lower human health outcomes. Not only are these effects persistent, they are also accelerating in regions most impacted by climate change such as coastal cities and agricultural regions. These impacted communities are the least equipped to take advantage of the research frontiers presented by distributed computing and cyber-physical systems. These research areas stand to radically improve the ways in which designers, engineers, and decision makers approach human settlements.

Successful candidates will have interest in design and systems thinking. For candidates with training in Landscape Architecture and Urban Design, topics of interest include, but are not limited to, coastal and environmental resilience design research in combination with data

visualization, geographic simulation, or urban sensing addressing issues of social injustice and environmental degradation. For candidates with training in Civil and Environmental Engineering topics of interest include, but are not limited to cyber-physical systems, environmental systems engineering, and resilient infrastructure. For candidates with training in Data Science, interests should include predictive modeling and the ability to teach in the residential and online programs in the School of Data Science.

Prior to applying, candidates should explore the Schools' websites
- https://engineering.virginia.edu/dep artments/engineering-systems-and environment/research
- https://www.arch.virginia.edu/about /research-centers
- https://datascience.virginia.edu/

and consider how their expertise can complement existing interdisciplinary initiatives within our Schools. Applicants are asked to propose the departments/programs in each school that would represent the most appropriate joint appointment for their knowledge and experience.

Applicants must have a PhD by the time of appointment, a record of excellence in research, as appropriate for the candidate's rank, a commitment to teaching excellence, and a commitment to the promotion of diversity, equity, and inclusion. Tenured appointments require documented excellence in research and teaching, and an emerging national reputation. Successful applicants are expected to establish an internationally recognized research group. The successful applicant will have a track record of interdisciplinary work.

Please apply online at https://uva.wd1.myworkdayjobs.com/en-US/UVAJobs/job/Charlottesville VA/Open-Rank-Faculty-Position-in Environmental-Resilience-and-Equity_R0020593
and attach the following required applicant documents:
1. a cover letter, including a summary of research interests and accomplishments, and potential UVA collaboration
2. a detailed curriculum vitae
3. a summary of your ve-year research plan, and (required only for candidates in Landscape Architecture or Urban Design) a portfolio of work samples
4. a statement of teaching philosophy
5. a statement describing your experience working with a diverse student body, as well as your past, present, and/or future contributions to creating/advancing a culture of diversity, equity and inclusion.

Please note that multiple documents can be uploaded in the link referenced above.

Applications received before February 1, 2021 will be given highest priority but the position will remain open until lled. The successful applicant is expected to start in August 2021 or at a date of mutual agreement.

The University will perform background checks on all new faculty hires prior to making a nal offer of employment.

For questions about the position, please contact Andres Clarens, Faculty Search Chair, at andres@virginia.edu.

For questions about the application process, please contact Rich Haverstrom, Faculty Search Advisor, at rkh6j@virginia.edu.

The University of Virginia, including the UVA Health System which represents the UVA Medical Center, Schools of Medicine and Nursing, UVA Physician's Group and the Claude Moore Health Sciences Library, 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 armative action employers. All qualied applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political aliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.