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Associate or Full Professor in Environmental Science and the School of Data Science

Charlottesville, VA

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About Us

In 1819, Thomas Jefferson founded the University of Virginia and inaugurated a bold experiment. Two centuries later, Jefferson's vision thrives. Across Grounds - and throughout the world - UVA students, faculty, staff and alumni challenge convention, break barriers and pursue the greater good.

The University of Virginia is made up of eleven schools and affiliated foundations in Charlottesville plus the College at Wise in Southwest Virginia.

The University of Virginia Health System is a renowned academic medical center committed to providing outstanding patient care, educating tomorrow's health care leaders and discovering new and better ways to treat diseases. The University's Medical Center, School of Medicine and Physicians Group are recognized for their excellence in patient care, education and research.

At UVA, we offer a rich collection of benefits, which have long been recognized and valued for their comprehensiveness and competitiveness in the market. In addition to a robust array of traditional benefits such as health care, time off, and retirement, UVA offers a comprehensive list of benefits and services to help staff and faculty meet their personal and family needs.

The Department of Environmental Sciences (EVSC) and the School of Data Science (SDS) at the University of Virginia invite applicants for a full-time tenured position at the level of Associate or Full Professor in the area of Environmental Data Science, with rank commensurate to experience level. We seek applicants whose research and teaching address questions in environmental science using novel approaches to the data cycle to advance knowledge of environmental systems, and to solve problems of societal relevance. Approaches of interest include, but are not limited to, data acquisition, analytical workflows, and data-driven computational methods (e.g. machine-learning, statistical or simulation approaches). The ideal candidate is data-oriented, has a track record of open collaborative, cross-disciplinary work, and holds a PhD or equivalent in a relevant field. This position is open to all areas of the environmental sciences but will prioritize data science research and teaching in the hydrologic, atmospheric, or geoscience domains.

The successful candidate will be cross-appointed in Environmental Science and Data Science and is expected to develop an externally funded and internationally recognized research program, manage and mentor a diverse research group, and teach undergraduate and graduate courses. They will take a central role that bridges and leverages research strengths between both programs and will incorporate data science computation in the undergraduate and graduate curriculum. Opportunities for collaboration/affiliation with other units in the University include the Environmental Resilience Institute and the Department of Engineering Systems and Environment. Environmental Resilience and Digital Technologies and Society have been named as two of the five priority initiatives in the new university Strategic Plan, emphasizing the importance of this collaboration.

EVSC, in the College of Arts and Science, was formed in 1970, with research and teaching interests that span Atmospheric Science, Geoscience, Hydrology and Ecology (https://evsc.as.virginia.edu/research). The School of Data Science is the 12th and newest school at the University of Virginia, formed with the largest gift in the university's history. The School covers all aspects of the data life cycle and emphasizes interdisciplinary, open, ethical research and education that address societal challenges. Environmental Data Science is one of the priority areas for the School.

Please apply online at https://uva.wd1.myworkdayjobs.com and attach the following required applicant documents:
1- A cover letter, two page maximum, including a summary of research interests and accomplishments, and potential UVA collaboration.
2- A detailed curriculum vitae, including a link to a full ORCID Profile.
3- A one page summary of your five year research plan.
4- A one page statement of teaching philosophy.
5- A one page 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.

Review of applications will start November 1, 2020, but the position will remain open until filled.

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

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

The University assists UVA faculty spouses and partners seeking employment in the Charlottesville area. To learn more about these services, please see http://provost.virginia.edu/dual-career.

The University of Virginia is an equal opportunity/affirmative action employer. Women, minorities, veterans and persons with disabilities are encouraged to apply. Equity and diversity are essential to academic excellence and a requirement for the provision of beneficial outcomes in the Environmental Data Sciences. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged.

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 affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.

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