



## **Catalysts for Sustainability**

**College of Science & Mathematics: Open-rank, Tenure-track Professor (Assistant or Associate Professor/Modeling)**

### **Description:**

Rowan University's newly launched Catalysts for Sustainability program seeks to hire ten new faculty to develop, advance, and communicate solutions to humanity's most pressing existential threats posed by the climate and biodiversity crises. The university-wide cohort will lead and collaborate across colleges, disciplines, and communities, catalyzing new initiatives in sustainability research, advocacy, and education while leveraging existing strengths. This project builds upon Rowan University's strategic pillars (access, affordability, quality, and serving as an economic engine) and furthers our commitment to diversity, equity, and inclusion. Successful candidates will demonstrate expertise related to the climate and biodiversity crises in one or more of the following areas: environmental justice; education and public engagement including storytelling; public policy and advocacy; discipline-specific sustainability scholarship; and sustainability practice.

As part of this search, the College of Science and Mathematics (CSM) invites applications for a tenure-track/tenured position at the level of assistant or associate professor in the field of modeling that addresses climate change, its impacts, and mitigation and adaptation strategies. Interdisciplinary scholars with expertise in biodiversity, climate science, oceanography and meteorology, material science, artificial intelligence and machine learning, epidemiology, or human-behavioral strategies for effecting climate change action are encouraged to apply. The successful candidate will be appointed to an appropriate home CSM department (Biological Sciences, Chemistry & Biochemistry, Computer Science, Mathematics, Molecular & Cellular Biosciences, Physics & Astronomy, or Psychology), with the possibility of a joint appointment in other departments in CSM or across Rowan. Preference will be given to candidates with expertise building on or complementing existing strengths. Our new colleague will have the opportunity to contribute to the development of the nascent interdisciplinary scientific computing facility, housed at CSM, new degree programs in Data Science, and other innovative initiatives bridging modeling and applications. Candidates from underrepresented groups, who can contribute to our

commitment to a supportive environment for students, faculty, and staff of all backgrounds, are especially encouraged to apply.

Primary responsibilities include teaching courses in the candidate's area of expertise; conducting an externally funded, independent, and sustainable research program; contributing meaningfully to the Rowan Catalysts for Sustainability initiative; and engaging in service responsibilities at the department, college, and university levels.

**Qualifications:**

Applicants should hold a Ph.D. in a relevant discipline, demonstrate the potential for active and highly visible research, show promise in teaching and mentoring excellence (experience strongly preferred), and have a proven commitment to sustainability issues.

**Application Deadline:**

Review of applications will begin immediately and continue until the positions are filled for a start date of September 2022.

**How to Apply:**

Interested candidates should submit, as a single pdf through the online application system: (1) a cover letter outlining suitability for the position and addressing the candidate's commitment to diversity, equity, and inclusion; (2) a curriculum vitae; (3) a teaching statement of 2-3 pages; (4) a statement of 2-3 pages outlining a research agenda; and (5) the names and contact information for three (3) references.

**General Information:**

For more information about Rowan University and CSM, please visit <http://csm.rowan.edu>. Questions can be sent to [sustainability\\_csm@rowan.edu](mailto:sustainability_csm@rowan.edu).

Rowan University is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, creed, color, national origin, age, ancestry, nationality, marital or domestic partnership or civil union status, sex, pregnancy, gender identity or expression, disability status, liability for military service, protected veteran status, affectional or sexual orientation, atypical cellular or blood trait, genetic information (including the refusal to submit to genetic testing), or any other category protected by law. For the complete Rowan University non-discrimination and affirmative action policy see: <https://sites.rowan.edu/equity/docs/policies/eo-statement.pdf>.