RENEW INSTITUTE

EMPIRE INNOVATION PROFESSOR FACULTY POSITIONS IN ENERGY, ENVIRONMENT & WATER

The Institute on Research and Education in Energy, Environment and Water (RENEW) at the University at Buffalo (UB) aims to advance Energy, Water and Environmental Sustainability as a foundation for a regenerative economy through interdisciplinary research cutting across UB’s academic organizations. The institute’s interdisciplinary focus — involving the faculties of the School of Architecture and Planning, College of Arts and Sciences, School of Engineering and Applied Sciences, Law School, School of Management, School of Public Health and Health Professions and the School of Medicine and Biomedical Sciences — is designed to foster new collaborations and innovative ideas. The initiative taps the leadership and vision of deans and faculty at these seven schools and colleges. The institute engages over 100 faculty in these seven schools and aims to hire 19 additional faculty in the next several years. Further details can be found in www.buffalo.edu/renew.

The Institute has established five research and educational focus areas that crosscut Energy, Environment, & Water: (1) Next-Generation Materials and Technologies for Energy, Environment & Water Sustainability; (2) Sustainable Urban Environments; (3) Freshwater Coastal Ecosystems and Blue Economy; (4) Environmental Exposures, Genomes and Health; and (5) Climate Change & Socio-Economic Impacts. Each of these highly interdisciplinary focus areas have active participation of faculty from many schools and colleges. Details of each of these focus areas and the interdisciplinary positioning of the RENEW Institute can be found on the RENEW website - http://www.buffalo.edu/renew/research/renew-focus-areas.html.

The Institute is seeking to fill three senior Empire Innovation Professor (EIP) faculty positions at the Associate or Full Professor level, across the Energy, Environment and Water areas. The senior faculty are expected to be established global-leaders in their respective interdisciplinary and transdisciplinary areas with a demonstrated track-record of obtaining significant external funding and a reputation of established international leadership in their scientific areas. Applicants will have a shared interest in the integrated and interdisciplinary space and positioning of the RENEW Institute. Their research will intersect the RENEW focus areas listed above and is expected to make a profound impact to these areas cross-cutting renewable energy, clean environment and water.

Applicants must have a creative vision for original research and will be expected to establish an externally funded and internationally recognized research program. Successful applicants will have an established reputation world-wide, a stellar publication record, would have received major national/international awards and will be an elected Fellow of several professional societies. They are expected to mentor junior faculty, mentor and supervise postdoctoral fellows, graduate students, and teach undergraduate and graduate classes. They are expected to lead large interdisciplinary, multi-investigator grant proposals to various federal and state
agencies. Possible faculty appointments will be in the appropriate departments comprising the seven schools and colleges which are part of the RENEW institute.

**Minimum qualifications:** Ph.D. with significant work experience. All candidates must have a proven record or strong drive toward team research, a strong record of research publication, the ability to attract funding, along with a demonstrated commitment to effective teaching. Applicants should submit a CV, statement of research plans and vision and elaborate on how their research intersects the RENEW focus areas, preferred departmental affiliation(s) within the seven schools and colleges participating in RENEW Institute, a statement of teaching plans, and names of at least three references via the UBJobs system (www.ubjobs.buffalo.edu; reference number 1700059). Review of applications will begin February 15, 2017 and will continue until the positions are filled. For additional information, please email Director RENEW and Empire Innovation Professor Amit Goyal at renew@buffalo.edu.

**About UB:** The University at Buffalo is the largest and most comprehensive university in The State University of New York (SUNY) system, with about 20,000 undergraduates, 10,000 graduate students, and 1600 full-time faculty. Buffalo is located in New York State’s second-largest metropolitan area, known for its friendly residents, world-class cultural institutions, and international flavor. RENEW faculty are located on the UB North and South Campuses, in or adjacent to suburban Amherst, an area that combines outstanding public schools and services with a surprisingly low cost-of-living. Downtown Buffalo, with eclectic neighborhoods, the Lake Erie waterfront, and vast cultural resources, is 15 minutes away by car. The awe-inspiring Niagara Falls is also just 20 minutes away.

*The University at Buffalo is an Equal Opportunity/Affirmative Action Employer/Recruiter.*