Director of Solar and Thin Film Energy Research Center, Associate/Full Professor

Binghamton University, the State University of New York at Binghamton, invites applications for a research center director of solar and thin film systems for energy generation and storage including photovoltaics, thermoelectrics and supercapacitors. The director will have the opportunity to engage and collaborate with existing research centers at the university, including the Center for Advanced Microelectronics Manufacturing, the Northeast Center for Chemical Energy Storage, the Center for Smart Electronic Systems, and the Analytical and Diagnostics Lab.

The successful candidate will expand and lead existing university research initiatives in solar and thin film systems for energy generation and storage, complementing campus activities described above. The research focus for this position is open and can include materials, devices, or systems for energy conversion, solar energy harvesting, storage, engineering, and management.

The successful candidate, to start by the fall of 2016, will teach undergraduate and graduate courses in engineering, chemistry, or physics and will have a tenure berth in one of the following departments: Chemistry, Electrical Engineering, Industrial Engineering, Mechanical Engineering or Physics. This is an affiliated position for the University’s Smart Energy Transdisciplinary Areas of Excellence (TAE). The search committee will include members of the Smart Energy TAE steering committee as well as from the departments conducting the search. For more information on the TAE go to http://www.binghamton.edu/tae. The successful applicant may also be affiliated with the Materials Science & Engineering Graduate Program.

Requirements:

The candidate must have (i) an earned doctorate in science or engineering; (ii) excellent demonstrated leadership skills; and (iii) a superb record of interdisciplinary research, including a successful record of funding and scholarly publications. Teaching experience is preferred.

About Binghamton University:

Binghamton University has built a reputation as a world-class institution that combines a broadly interdisciplinary, international education with one of the most vibrant research programs in the nation. Binghamton is proud to be ranked among the elite public universities in the nation for challenging our students academically, not financially. The result is a unique, best-of-both-worlds college experience.

Our academic culture rivals a first-rate private university - rigorous, collaborative and boldly innovative -- while our campus culture exemplifies the best kind of public university experience: richly diverse students, active social life and deep engagement with the community.

Our students, both undergraduate and graduate, work one-on-one with an exceptional faculty that includes innovative scientists and groundbreaking scholars. They take advantage of special academic opportunities like combined degrees, foreign language study groups and an unparalleled international education program.
The University, SUNY and New York State have identified smart energy as an area of strategic emphasis. The campus has invested heavily in this area, focusing on all aspects of energy generation, storage, distribution, and management. A smart energy research and development facility is under construction, building on a research infrastructure that includes more than $20 million in state-of-the-art materials characterization equipment. The University has established ongoing partnerships with business and industry, resulting in significant research support.

**Additional Information:**

It is the policy of Binghamton University to provide for and promote equal opportunity employment, compensation, and other terms and conditions of employment without discrimination on the basis of age, race, color, religion, disability, national origin, gender, sexual orientation, veteran or military service member status, marital status, domestic violence victim status, genetic predisposition or carrier status, or arrest and/or criminal conviction record unless based upon a bona fide occupational qualification or other exception.

**Application Instructions:**

Interested applicants should electronically upload the following to [http://binghamton.interviewexchange.com](http://binghamton.interviewexchange.com):

- CV
- Research plans
- Leadership experience
- Teaching interests and philosophy
- Contact information for three references

Questions regarding this position should be directed to: N. Eva Wu at evawu@binghamton.edu

Direct link to ad: