

Professor (All Ranks) Renewable Energy Materials

Arizona State University: Ira A. Fulton Schools of Engineering: School of Electrical, Computer and Energy Engineering

Location

Arizona State University - Tempe Campus

Open Date

Oct 29, 2019

Description

The [Ira A. Fulton Schools of Engineering](#) at [Arizona State University](#) and the School of Electrical, Computer and Energy Engineering seek applicants for an engineering tenure-track or tenured faculty position with a specific interest in renewable energy materials. Appointments may be at the **Assistant, Associate, or Full Professor** rank commensurate with the candidate's experience and accomplishments, beginning August 2020. The tenure home may be in any of the schools within the Ira A. Fulton Schools of Engineering. The programs in Electrical Engineering and Materials Science and Engineering are currently the most involved in the interest areas of this search. Successful candidates will be encouraged to expand expertise and collaborations in these areas.

Specific areas of expertise and interest include:

- Perovskite photovoltaic materials and devices,
- Scalable electrochemical energy-storage materials and devices such as batteries,
- Scaling and manufacturing technologies for energy materials and devices.

Collaborations across the Schools of Engineering and the University are strongly encouraged. The originality and potential impact of each candidate's work are higher priorities than the specific area of research.

We seek applicants who will contribute to our academic programs, promote transdisciplinary teaching and research, and help the University to achieve its aspirations, including enabling student success, transforming society, valuing entrepreneurship and conducting use-inspired research. Faculty members in the Fulton Schools are expected to develop an internationally recognized and externally funded research program, adopt effective pedagogical practices in the development and delivery of graduate and undergraduate courses, advise both undergraduate and graduate student research and projects and undertake service activities.

Qualifications

Required Qualifications:

- The successful candidate will hold an earned Ph.D. or terminal degree in engineering, materials science, physics or a closely related field by the time of appointment
- Demonstrated evidence of research capability and evidence of teaching excellence as appropriate to the candidate's rank

Desired qualifications include

- A record of impactful publications
- A demonstrated commitment to a collaborative, transdisciplinary approach to research and teaching in an engineering context
- A commitment to mentoring students and delivering courses in multiple technology-enhanced formats
- A commitment to curriculum development and innovative pedagogy
- A demonstrated appreciation for entrepreneurial activities

Application Instructions

Application deadline is **December 16th, 2019**. Applications will continue to be accepted on a rolling basis for a reserve pool. Applications in the reserve pool may then be reviewed in the order in which they were received until the position is filled. To apply for this position, candidates will be asked to create or use an existing Interfolio Dossier to submit the following:

- Cover letter
- Curriculum vitae
- Teaching statement (two pages maximum)
- Research statement (two pages maximum)
- Contact information for three references

For more information or questions about this position, please contact the search committee chair, Professor Zachary Holman, at Zachary.Holman@asu.edu.

Application Process

This institution is using Interfolio's Faculty Search to conduct this search. Applicants to this position receive a free Dossier account and can send all application materials, including confidential letters of recommendation, free of charge.

Applicants should apply at:

<https://apply.interfolio.com/70253>

Equal Employment Opportunity Statement

A background check is required for employment. Arizona State University is a VEVRAA Federal Contractor and an Equal Opportunity/Affirmative Action Employer. All qualified applicants will be considered without regard to race, color, sex, religion, national origin, disability, protected veteran status, or any other basis protected by law.

(See <https://www.asu.edu/aad/manuals/acd/acd401.html> and <https://www.asu.edu/titleIX/>.)

In compliance with federal law, ASU prepares an annual report on campus security and fire safety programs and resources. ASU's Annual Security and Fire Safety Report is available online at <https://www.asu.edu/police/PDFs/ASU-Clery-Report.pdf> You may request a hard copy of the report by contacting the ASU Police Department at 480-965-3456.