

Engineering Education (K-12) Position

Position Announcement, Assistant Professor

To take advantage of emerging Standards for Engineering Education in K-12 settings, to implement the newly developed Arizona standards for engineering content in K-12 formal and informal learning environments, and to capitalize on the rapid expansion of engineering education research, development and certification programs, the Mary Lou Fulton Institute and Graduate School of Education at Arizona State University is seeking an innovative and energetic faculty member to come in on the ground floor of our new engineering education doctoral program. The successful candidate will provide critical synergy with faculty in the Ira A. Fulton school of Engineering and the College of Technology and Innovation as well as the Mary Lou Fulton School. This hire will take a leadership role in the school's engineering education program and teach in Engineering Education, STEM Education and other areas according to her or his expertise. The appointment will be at the Assistant Professor level so that the successful candidate will have the opportunity to build, grow and integrate effectively with inter- and trans-disciplinary research and development groups across the ASU campuses.

Required qualifications:

1. PhD in a related area in education.
2. Expertise and experience in education research and development applied to STEM subject matter;
3. Promise of scholarly accomplishments in these areas
4. Experience working on grants in "engineering education" federally funded research; and
5. A substantive background in one of the engineering fields.

Desired qualifications include:

1. Experience working with K-12 students and teachers in engineering education;
2. Experience teaching and mentoring graduate students in education related disciplines;
3. Potential for conducting research in K-12 educational settings in engineering education.
4. Ability to teach and mentor graduate students in education related disciplines.
5. Potential to build relationships and research synergies within and between highly differentiated research groups.

Candidates must submit the following application materials:

1. A current curriculum vita,
2. One sample of scholarly writing in engineering education research,
3. A cover letter stating reasons why the applicant is interested in the position, discussing the applicant's philosophy of engineering education, and
4. Names and contact information for three professional references who can attest to the quality of scholarship and teaching.

Please submit complete application packet to:

Sally Ballesteros, Search Coordinator

Engineering Education

Mary Lou Fulton Institute and Graduate School of Education

PO Box 0211

Tempe, AZ 85287-0211

sally@asu.edu

Review of applications will begin July 20, 2009 and will continue every 2 weeks until search is closed.

ASU is an Equal Opportunity Employer committed to and supports the value of diversity among faculty, staff and students.