Faculty Positions in Chemical Engineering

The Ira A. Fulton Schools of Engineering at Arizona State University seek applicants for tenure-track/tenured faculty positions in Chemical Engineering. The successful candidate will complement and add to the program’s foundational strength in chemical engineering education while advancing one or more of its key research areas in energy, biomolecular engineering, sustainability, advanced materials and separation technologies. The originality and promise of each candidate’s work are higher priorities than the specific area of research.

We seek applicants with interests in interdisciplinary teaching and research, and who will connect with pan-university research initiatives like the Biodesign Institute (http://biodesign.asu.edu), Lightworks (http://asulightworks.com), and the Global Institute of Sustainability (http://sustainability.asu.edu). The current openings are intended to broaden our expertise and expand collaborations.

The successful candidates will hold an earned Ph.D., or equivalent, in Chemical Engineering or a closely related field. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate’s rank.

Faculty members are expected to develop an internationally recognized and externally funded research program, develop and teach graduate and undergraduate courses, advise and mentor graduate and undergraduate students, and undertake service activities. Appointments will be at the assistant, associate or full professor rank commensurate with the candidate’s experience and accomplishments, beginning January 2014 or August 2014.

Review of applications will occur on the 1st and 15th of the month until the search is closed. To apply, please submit as a single PDF file a current CV, statements describing research and teaching interests and contact information for three references to che.faculty@asu.edu.

For more information or questions about this position, please contact the search committee chair Regents Professor Jerry Lin via email at Jerry.Lin@asu.edu.

*Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. See ASU’s complete non-discrimination statement.*
Other Theme-Based Faculty Searches Related to Chemical Engineering

Faculty Positions in Thermal Energy Systems
The Ira A. Fulton Schools of Engineering at Arizona State University seek applicants for tenure-track/tenured faculty positions in Thermal Energy Systems to grow our efforts in the important thrust area of Energy. Areas of application interest include but are not limited to hybrid/multifunctional systems that combine thermal and non-thermal processes; innovative thermal energy conversion/storage materials and/or systems; thermochemical processes; thermal management/control; novel cooling technologies; and materials & transport in extreme environments. The originality and promise of each candidate’s work are higher priorities than the specific area of research.

The successful candidates will hold an earned Ph.D., or equivalent, in Mechanical Engineering, Materials Science and Engineering, Chemical Engineering or a closely related field. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate’s rank. Desired qualifications include a commitment to transdisciplinary teaming.

Appointments will be at the assistant, associate or full professor rank commensurate with the candidate’s experience and accomplishments, beginning August 2014. Although the faculty appointment may be in any of the Fulton Schools of Engineering, the Mechanical Engineering, Materials Science and Engineering, and Chemical Engineering programs are currently among the most involved in the interest areas of the search.

Review of applications will begin December 2, 2013; if not filled, reviews will occur on the 1st and 15th of the month thereafter until the search is closed. To apply, please submit as a single PDF file a cover letter, current CV, statements describing research and teaching interests and contact information for three references to thermal.faculty@asu.edu. For more information or questions about this position, please contact the search committee chair Prof. Peter Crozier via email at crozier@asu.edu.

Faculty Positions in Materials Design, Synthesis and Mechanics
The Ira A. Fulton Schools of Engineering at Arizona State University seek applicants for tenure-track/tenured faculty positions in materials design, synthesis and mechanics of novel functional materials for flexible systems and structures that are intended to grow our efforts in the important thrust areas of Energy, Health, Security and Sustainability. Areas of application interest include but are not limited to design and synthesis of materials and architectures such as 1-D nanowires and 2-D layered materials possessing advanced properties for flexible electronics, photonics, energy harvesting & storage, mechanical systems, and thermal management. Integration of these new materials with other functional materials for devices is also highly desired; the originality and promise of each candidate’s work are higher priorities than the specific area of research.

The successful candidates will hold an earned Ph.D., or equivalent, in Mechanical Engineering, Materials Science and Engineering, Chemical Engineering, Electrical Engineering or a closely related field. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate’s rank. Desired qualifications include a commitment to trans-disciplinary teaming.

Box 876106, Tempe, AZ 85287-6106
(480) 965-3291 ● FAX: (480) 727-9321 ● E-mail: semte@asu.edu
Appointments will be at the assistant, associate or full professor rank commensurate with the candidate’s experience and accomplishments, beginning August 2014. Although the faculty appointment may be in any of the Fulton Schools of Engineering, the Mechanical Engineering, Materials Science and Engineering, Chemical Engineering and Electrical Engineering programs are currently among the most involved in the interest areas of the search.

Review of applications will begin December 2, 2013; if not filled, reviews will occur on the 1st and 15th of the month thereafter until the search is closed. To apply, please submit as a single PDF file a cover letter, current CV, statements describing research and teaching interests and contact information for three references to materials.design.faculty@asu.edu. For more information or questions about this position, please contact the search committee chair Prof. Hanqing Jiang via email at hangqing.jiang@asu.edu.

Faculty Positions in Multifunctional Materials
The Ira A. Fulton Schools of Engineering at Arizona State University seek applicants for tenure-track/tenured faculty positions in multifunctional materials synthesis, processing and manufacturing to grow our efforts in the important thrust areas of Energy, Health, Security and Sustainability. Areas of application interest include but are not limited to synthesis and processing of materials such as metals, polymers, semiconductors, ceramics, and hybrids. A wide spectrum of next generation manufacturing approaches is of interest, including printing, additive processes such as transfer printing, 3-D printing, and self-aligned nano-imprinting, as are system design and automation of the manufacturing approaches themselves. The originality and promise of each candidate’s work are higher priorities than the specific area of research.

The successful candidates will hold an earned Ph.D., or equivalent, in Mechanical Engineering, Materials Science and Engineering, Chemical Engineering or a closely related field. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate’s rank. Desired qualifications include a commitment to trans-disciplinary teaming.

Faculty members are expected to develop an internationally recognized and externally funded research program, develop and teach graduate and undergraduate courses, advise and mentor graduate and undergraduate students, and undertake service activities. Appointments will be at the assistant, associate or full professor rank commensurate with the candidate’s experience and accomplishments, beginning August 2014. Although the faculty appointment may be in any of the Fulton Schools of Engineering, the Mechanical Engineering, Materials Science and Engineering, and Chemical Engineering programs are currently among the most involved in the interest areas of the search.

Review of applications will begin December 2, 2013; if not filled, reviews will occur on the 1st and 15th of the month thereafter until the search is closed. To apply, please submit as a single PDF file a cover letter, current CV, statements describing research and teaching interests and contact information for three references to multifunctional.materials.faculty@asu.edu. For more information or questions about this position, please contact the search committee chair Prof. Hanqing Jiang via email at hangqing.jiang@asu.edu.

Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. See ASU’s full non-discrimination statement (ACD 401) at https://www.asu.edu/aad/manuals/acd/acd401.html and the Title IX statement at https://www.asu.edu/titleix/.