



**“THE PREMIER PRINT AND ONLINE RESOURCE
FOR ChE JOBS”**

<http://careerengineer.aiiche.org>

POSITIONS AVAILABLE

SCIENTIST IMPULSE DEVICES

Seeking experienced Scientist in R&D Division for world leader in high pressure acoustic cavitation research. Applicants must have degree in Chemical Engineering, Acoustical Engineering or Physics. **Visit www.ImpulseDevices.com/jobs for full description.**

ACADEMIC OPENINGS

UNIVERSITY OF NEVADA, RENO, CHEMICAL ENGINEERING TENURE-TRACK OPENING

The University of Nevada, Reno, invites applications for a tenure-track position at the rank of assistant professor in Chemical Engineering, starting July 1, 2010. A B.S. in Chemical Engineering is preferred, and a PhD in Chemical Engineering is required. Professional experience beyond the PhD is preferred. Demonstrated abilities to perform high-quality research and excellence in teaching chemical engineering are expected. Outstanding applicants with expertise in all areas of chemical engineering are welcome, especially those with expertise related to renewable energy. **Applicants should submit their curriculum vita, statements of teaching plan and research plan, as well as the names and complete addresses of at least three references to the online application found at www.unrsearch.com/applicants/Central?quickFind=54104.** Applications completed by November 21, 2009, will receive full consideration. The University of Nevada, Reno, is an equal opportunity/affirmative action employer.

TENURE-TRACK FACULTY POSITIONS IN CHEMICAL ENGINEERING AT THE UNIVERSITY OF SOUTH CAROLINA

The Department of Chemical Engineering at the University of South Carolina seeks to hire several tenure-track faculty members. We encourage applications in chemical engineering fields that augment existing departmental expertise. Emphasis will be given to strategic core areas, which include polymer nanoscale engineering, electrochemical engineering, catalysis, biomedical and biological engineering, and chemical engineering education. Successful applicants must demonstrate the ability to teach and to support independent, leading-edge research in their field. **Applicants must submit a letter of application, a vita, detailed plans for both research and teaching, names of three references, and copies of selected publications to the Chair of the Chemical Engineering Search Committee, Department of Chemical Engineering, University of South Carolina, Columbia SC 29208. Applications may also be submitted electronically to ChemEngSearch@cec.sc.edu.** The Department of Chemical Engineering is particularly interested in receiving applications from traditionally under-represented groups. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status. The University of South Carolina has designated as the ADA Title II, Section 504 and Title IX coordinator, the Executive Assistant to the President for Equal Opportunity Programs. The Office of the Executive Assistant to the President for Equal Opportunity Programs is located in Suite 805 of 1600 Hampton Street, Columbia, SC; telephone 803-777-3854.

TENURE-TRACK FACULTY POSITION

CHEMICAL ENGINEERING DEPARTMENT, TUSKEGEE UNIVERSITY

The Department of Chemical Engineering at Tuskegee University has an opening for a tenure-track faculty position at the assistant professor level. Applicants should have a PhD in chemical engineering. The department seeks applicants with commitment to excellence in teaching and research. Research and teaching interests are open, but preference will be given to individuals with background in biochemical engineering. The position will begin in January 01, 2010. **Interested individuals should send a resume including names of three references and a description of teaching and research interests to Dr. Nader Vahdat, Head, Chemical Engineering Department, Tuskegee University, Tuskegee, AL 36088 or via E-mail to vahdatn@tuskegee.edu.** Tuskegee University is an Equal Opportunity/Affirmative Action Employer.

VISIT AIChE'S CAREERENGINEER JOB BOARD <http://careerengineer.aiiche.org> FOR ADDITIONAL EMPLOYMENT OPPORTUNITIES

Employers specifically seek AIChE members due to their commitment to professional excellence. Your AIChE Membership gives you the job-seeking advantage. Some of the many positions you'll see on AIChE's targeted chemical industry job board include:

- R&D Control Systems Engineer – Scientific Design Company
- Modeling Engineer – Rive Technology, Inc.
- Environmental Engineer – First Environment Inc.
- Food Process Engineer, Microwave – PepsiCo
- Sr. Environmental Health & Safety Specialist – Abbott
- Chemical Engineer – Saudi Aramco
- Electrochemistry – Sandia National Laboratories
- Sr. Fermentation Process Engineer – Novozymes North America
- Sr. Regional Engineer – GE Water & Process Technologies
- General Engineer/Scientist – U.S. Nuclear Regulatory Commission
- Solar Silane Process Engineer – Dow Corning Corporation
- Production Manager – Talent Partners for the Middle East's leading Methanol Producer
- Manufacturing Process Engineers – Otsuka Manufacturing

While on the site, be sure to upload your resume FREE for employers to view and contact you.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY

invites applications and nominations for one or more tenure-track faculty positions at the Assistant Professor level for Fall 2010. Exceptional candidates will be considered for appointment at the Associate or Full Professor rank. Candidates are expected to contribute to one of three research focus areas: biomolecular engineering, advanced materials and nanotechnology, and energy and the environment. A Ph.D. with a distinguished academic record is required. Responsibilities include teaching undergraduate and graduate courses and leading an externally funded scholarly research program. Ranked in the top 20 nationally, Vanderbilt University is located on 330 park-like acres one and one-half miles from downtown Nashville. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Interdisciplinary research opportunities exist with faculty in many other departments within the School of Engineering, the College of Arts and Science, and the School of Medicine. **Interested individuals should send the following application materials to the Search Committee Chair: curriculum vitae, a statement of research and teaching interests, and the names and addresses of at least three references. Application materials should be sent in electronic format (a single PDF or Word file) to peter.pintauro@vanderbilt.edu.** Screenings of applications will begin October 1, 2009 and continue until the positions are filled. Women

and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

THE JOSEPH H. COLLIE DISTINGUISHED VISITING PROFESSORSHIP AT VIRGINIA TECH

The Department of Chemical Engineering at Virginia Tech is seeking to fill the Joseph H. Collie Distinguished Visiting Professorship. The Collie Professorship requires expertise in the broad area of chemicals distribution management. This could include, but is not limited to, modeling and optimization of material distribution networks, developing strategies for chemical marketing, and understanding and analyzing the global chemical business. Candidates should have demonstrated expertise in one of these areas as evidenced by a successful academic record or distinguished accomplishments in a nonacademic environment. The Professorship is ideally suited for engineers or executives from industry interested in a short-term academic appointment, or a faculty member on sabbatical leave. The holder of the Collie Chair will be expected to teach an undergraduate elective course in the general area of chemicals distribution management, plus advise undergraduate students about opportunities in this area. Research collaborations with current faculty in the department are encouraged. Appointments varying from one semester to three years are possible, depending on the interests of the candidate. **Interested individuals should apply on-line at www.jobs.vt.edu (refer to posting # 090315) and submit a cover**

letter describing their interest in the position, an academic or professional resume, and the names and current contact information of three professional references. For more details visit <http://www.che.vt.edu/> or contact Prof. David Cox, Faculty Search Committee, Department of Chemical Engineering, Virginia Tech, Blacksburg, VA 24061. Review of applications will begin in October 2009. The search will remain open until the position is filled. Female and minority applicants are especially encouraged to apply. Virginia Tech is an Equal Opportunity/Affirmative Action employer.

TEXAS A&M UNIVERSITY

The Artie McFerrin Department of Chemical Engineering at Texas A&M University (<http://che.tamu.edu/>) invites applications for one tenured or tenure-track faculty position at the Assistant Professor, Associate Professor, or Professor rank. Specific areas of interest include, but are not limited to, process systems engineering, bioprocess engineering, energy, and catalysis. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to teach at the undergraduate and graduate levels. The Department is housed in a new 205,000 square foot facility, has 30 full-time faculty and 140 graduate students, and has over \$20 million in endowments. Candidates applying for this position must have a Ph.D. in Chemical Engineering or in a closely-related field. **Applications with curriculum vita, including research and teaching interests, a statement of research plans, copies of selected publications, and names of three references should be sent to Professor Juergen Hahn, Artie McFerrin Department Of Chemical Engineering, 3122 TAMU, Texas A&M University, College Station, TX 77843-3122.** Applications will be considered until the positions are filled. Texas A&M University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Candidates from under-represented groups are strongly encouraged to apply.

UNIVERSITY OF WASHINGTON DEPARTMENT OF CHEMICAL ENGINEERING FACULTY POSITION

The Department of Chemical Engineering at the University of Washington invites applications or nominations for a tenure-track faculty position to begin September 16, 2010. The Department is seeking at the level of Assistant or Associate Professor, although an appointment may be made at the rank of Full Professor if circumstances and qualifications warrant. We are a faculty of 15 with 65 graduate students and 130 undergraduates (juniors and seniors only). Additional information about the Department can be found at <http://www.cheme.washington.edu/>. This position is part of a \$100M+ cross-cutting initiative in Molecular Engineering and Science at the University of Washington. The Department plays a leading role in the development of the educational and research programs that will take advantage of a new interdisciplinary research building slated for completion in 2012. Applications in the areas of molecular energy processes, living systems and biomolecular processes, molecular aspects of materials and interfaces, and molecular electronics or related fields will be considered. Candidates must demonstrate outstanding potential for high impact research



The University of New Mexico

Great people doing great things

Dean, School of Engineering

The University of New Mexico is seeking a visionary leader for the position of Dean of the School of Engineering (SOE). Located in Albuquerque, UNM is a Carnegie Very High Research University and a federally-designated Hispanic-Serving Institution. Founded in 1889, UNM is the largest and most comprehensive of the state's institutions of higher education. The Dean, who reports directly to the Provost/Executive Vice President for Academic Affairs, provides academic and administrative leadership to the SOE. As the primary academic and administrative officer of the faculty of the School of Engineering, the Dean will assume a central leadership role in continuing development of the SOE's disciplines toward national eminence with a commitment to research and teaching. The Dean is responsible for improving and promoting the SOE in areas of instruction, research, fiscal management, development and personnel. The School of Engineering (SOE) has over 100 faculty in five academic departments: Chemical and Nuclear Engineering, Civil Engineering, Computer Science, Electrical and Computer Engineering, and Mechanical Engineering. Among the internationally recognized centers associated with the school are the Center for High Technology Materials, the Center for Microengineered Materials, the Center for Advanced Research Computing, the Mind Research Network, the Center for Biomedical Engineering, and the Center for Emerging Energy Technologies. UNM is also a member institution of the WERC-A Consortium for Environmental Education & Technology Development. The SOE is ranked nationally for both its undergraduate and graduate programs.

Minimum qualifications for the position include an earned Ph.D. in Engineering or Computer Science or doctoral degree in a related discipline, a record of accomplishment or credentials that would merit appointment at the rank of tenured full professor in an academic department of UNM's School of Engineering, and three years of management and administrative experience at the level of department head, chair, research director, center director, dean, or the equivalent.

For a complete listing of the position description including desired qualifications and application procedures, access the job posting on UNM's online application system, UNMJobs.unm.edu, by referencing posting number 0803339. For best consideration, applications should be submitted by January 11, 2010, and the position is open until filled. Request a copy of the position announcement from Bonnie Leigh Reifsteck, Search Coordinator, bonniec@unm.edu (phone: 505.277.2611).

The University of New Mexico is an Equal Opportunity/Affirmative Action Employer and Educator.
For additional information about UNM see <http://www.unm.edu>

as judged, in part, by their publication record. University of Washington faculty engage in teaching, research, and service. Candidates will be expected to provide innovative and quality teaching that integrates molecular and nanoscale principles of research and education at both the undergraduate and graduate levels. A Ph.D. degree is required. **Please apply online at <http://www.engr.washington.edu/facsearch/> with a letter of application; a detailed curriculum vitae; a list of publications; a statement of research and teaching interests; and the name, mail and e-mail address, and phone number of at least three references.** Applications received by December 15, 2009, will be given priority consideration, and the position will remain open until filled. The University of Washington was awarded an Alfred P. Sloan Award for Faculty Career Flexibility in 2006. In addition, the University of Washington is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. The University of Washington is an Affirmative Action, Equal Opportunity employer.

JOHNS HOPKINS UNIVERSITY DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

The Department of Chemical and Biomolecular Engineering at the Johns Hopkins University announces a search for faculty at all ranks. The department seeks outstanding engineers and scientists who will create innovative, high-impact graduate research programs and who will excel at teaching and motivating talented undergraduate students. A doctorate in Chemical Engineering or a related field is required. The search is open to all research areas, with an emphasis on biomolecular and cellular engineering, biofuels, drug delivery, synthetic biology, and systems biology. **Candidates should submit a curriculum vitae, reprints of recent papers, a statement of research interests and teaching plans, and the names of three references to: Chair, Search Committee, Department of Chemical and Biomolecular Engineering, Johns Hopkins University, Maryland 221, 3400 North Charles Street, Baltimore, MD 21218; or chembe@jhu.edu.** Review of applications will begin on October 1st and will continue until the position is filled. To ensure full consideration, applications should be submitted by January 1, 2010. The Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

THE UNIVERSITY OF TENNESSEE, KNOXVILLE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Applications and nominations are invited for two tenure-track positions at the assistant professor level. We seek candidates with outstanding academic records, dedication to excellence in research and education, and expertise in (1) biomolecular engineering, especially subspecialties such as metabolic engineering, nanobiotechnology, and systems or synthetic biology, or (2) experimental aspects of chemical engineering or materials, especially 'soft' material studies for energy device applications such as fuel cells, batteries, electrochemical capacitors or solar cells. These positions will complement ongoing activities and recent faculty expansion both areas. Successful candidates will be expected to develop vigorous independent research programs building on and collaborating with departmental, college, and external facilities, to direct graduate student research, and to teach undergraduate and graduate chemical and biomolecular engineering courses. Successful candidates will also have access to equipment acquired as part of substantial investments at UT, as well as to appropriate resources and collaborative opportunities at Oak Ridge National Laboratory. Accordingly, the positions offer a high amount of leverage to the incoming faculty in addition to the normal start-up package. **Interested individuals should submit a letter of application, a statement of research and teaching interests and plans, current resume, copies of up to three pertinent publications, and names and contact information of at least three references to the appropriate committee chair. (1) Biomolecular Engineering: cbefacsearch1@utk.edu or Dr. Eric Boder, Biomol. Eng. Search Committee Chair, Department of Chemical and Biomolecular Engineering, 419 Dougherty Engineering, University of Tennessee, Knoxville, TN 37996-2200; (2) Soft Materials: cbefacsearch2@utk.edu or Dr. Thomas Zawodzinski, Soft Materials Search Committee Chair, address as above.** Review of applications will begin on November 9, 2009 and continue until the positions are filled. The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, age, physical or mental disability, or covered veteran status.



CHAIR, DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING TUFTS UNIVERSITY

The Department of Chemical and Biological Engineering (ChBE) at Tufts University invites applications for the position of Department Chair at the rank of Full Professor. We seek a demonstrated leader whose research interests complement those of our departmental faculty, and who will be committed to fostering excellence in scholarship, teaching, and the interdisciplinary thrust areas of the School of Engineering at Tufts: Engineering for Sustainability, Bioengineering, and Engineering Education Innovation. Candidates should possess a doctorate in chemical engineering or a related field and a record of strong leadership and administrative abilities.

The past six years have been a period of extraordinary growth for Tufts School of Engineering, witnessing recruitment of over 40% of its current tenured and tenure-track faculty members and a 100% increase in research expenditures. The SOE distinguishes itself by the interdisciplinary and integrative nature of its engineering education and research programs within the environment of both a "Research Class 1" University and a top-ranked undergraduate institution. We offer the best of a liberal arts college atmosphere, coupled with the intellectual and technological resources of a major research university. As home to seven graduate and professional schools across three campuses, Tufts University prides itself on its culture of cross-School partnerships. Located on Tufts' Medford/Somerville campus, only six miles from historic downtown Boston, SOE faculty members have extensive opportunities for academic and industrial collaboration, as well as participation in the rich intellectual life of the region.

The ChBE Department comprises nine tenured and tenure-track faculty, three research faculty, two Professors of the Practice, and three adjunct professors. It prides itself on providing an excellent environment for learning, offering an integrated curriculum in chemical and biological engineering to a highly select group of students. Currently, the department has 87 undergraduates, and some 50 graduate students. The faculty is prominent in the academic community, with research expertise that spans the areas of energy, environment, materials and catalysis, biotechnology, cell and metabolic engineering, nanotechnology, and systems engineering. Information about the faculty, facilities, degree programs, etc. may be found at <http://engineering.tufts.edu/chbe>

Screening of applications will begin immediately, and continue until outstanding candidates have been identified. Please send a letter of interest, curriculum vitae, list of publications, and references to: Professor Nakho Sung, Search Committee Chair, Department of Chemical and Biological Engineering, Tufts University, 4 Colby St., Medford, MA 02155. Also, please submit an electronic copy of your application to chbe@tufts.edu. Tufts University is an Equal Opportunity/ Affirmative Action Employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

ENDOWED FACULTY CHAIR IN THE ENERGY SCIENCES, LEHIGH UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at Lehigh University seeks nominations and applications for the Anderson Endowed Faculty Chair position in the broad field of Energy Sciences that includes, but is not restricted to, the general areas of Energy Systems, Chemical Processing, Optimization, Reaction Engineering, Separation Science, Biocatalysis, Photovoltaics, Biofuels and the Environment. Nominees / applicants should have an exceptional record of achievements in research, teaching, supervision and service. Lehigh has a strong tradition of interdisciplinary activities, and joint appointments with other departments are possible. The successful candidate will be expected to develop a strong, externally funded research program with significant potential for interdisciplinary research with national impact, and will be expected to be a leader in campus-wide Energy and Environmental Initiatives. Excellence in undergraduate and graduate teaching and the integration of research and education are core values of Lehigh's mission. This is a senior appointment to an endowed chair position. **Candidates should send electronically a cover letter highlighting their main achievements, a curriculum vitae, a detailed statement of research and teaching plans, and the names and addresses of four (4) references to energysearch@lehigh.edu. Applications should be addressed to: Professor Anthony J.**

McHugh, Chair of the Energy Sciences Search Committee, Department of Chemical Engineering, Lehigh University. Review of applications will begin immediately, but applications will be considered until the position is filled. Information on the Department and Lehigh University can be found at <http://www.che.lehigh.edu/blog/>. Lehigh University is an Affirmative Action/ Equal Opportunity Employer. Lehigh University is committed to recruiting, retaining and tenuring women and members of minority groups.

DIRECTOR IRON RANGE/UMD GRADUATE ENGINEERING EDUCATION PROGRAM

The Swenson College of Science and Engineering at the University of Minnesota Duluth has a full-time term position as the Director of the Iron Range/UMD Graduate Engineering Education Program beginning 01/04/2010. The Director will have administrative responsibility for the program and will be located on-site at the Mesabi Range Community and Technical College in Virginia, Minnesota. Essential qualifications include a Bachelors Degree in engineering or geology and industrial experience and a Masters Degree. The University of Minnesota requires that you apply online for this position. **For a complete position description and information on how to apply online, visit <http://employment.umn.edu/>, and search for Job Requisition 162486.** Complete applications will be reviewed beginning 10/28/2010. The University of Minnesota is an equal opportunity educator and employer.

UCLA CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT

is seeking applicants for a faculty position effective academic year 2010/2011. Candidates must have a PhD degree in chemical engineering or a related field, and be able to teach undergraduate and graduate courses and mentor MS and PhD students. All ranks will be considered, although this search is focused primarily on an outstanding senior person at the full professor level. The research area is open. **Resumes, reprints of selected publications, a statement of research and teaching plans and a list of four references should be forwarded to: Prof. Harold G. Monbouquette, Faculty Search Committee Chair, UCLA Chemical and Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** Review of the applications will begin on December 1, 2009. The successful candidate will be appointed at a salary level commensurate with education and experience. The University of California, Los Angeles and the Department of Chemical and Biomolecular Engineering are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/ equal opportunity employer.

UCLA CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT

A number of positions, temporary and permanent, are available for lecturers, visiting faculty, researchers, postdoctoral scholars, and engineers in chemical and biomolecular engineering for our teaching and research programs. Ph.D. or equivalent experience required. **Resumes and inquiries should be sent to: A. De Vera, Teaching & Research Positions, UCLA Chemical & Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** The University of California is an affirmative action/equal opportunity employer.

BROWN UNIVERSITY TENURE-TRACK FACULTY POSITION MICRO- AND NANO-SCALE FLUID MECHANICS AND/OR ENERGY SCIENCES

The Division of Engineering at Brown University invites applications for a tenure-track or tenured faculty position in the general areas of Micro- and Nano-scale Fluid Mechanics and/or Micro- and Nano-scale Energy Sciences. Candidates should have, at minimum, a PhD in Engineering, Physics, or related field and should have demonstrable potential for outstanding research and teaching. Appointment at the level of Assistant Professor is expected, although appointment at the level of Associate Professor or Professor is possible for a candidate with exceptional achievement and potential. Potential for interactions with other disciplines in the physical and biological sciences will be considered an asset. A start date of July 1, 2010 is preferred. **All candidates should send a complete curriculum vitae, and a short (2-3 page) description of research plans and teaching interests to the search committee's administrative assistant, Mr. Jeff Brown, Division of Engineering, Brown University, 182 Hope Street, Providence, RI 02912, USA. Applicants**

UNIVERSITY OF PITTSBURGH

Department of Industrial Engineering

The Department of Industrial Engineering at the University of Pittsburgh anticipates multiple openings for tenure-track faculty positions at the Assistant Professor level. We will also consider applicants at more senior levels. The faculty member will join an outstanding group of faculty who enjoy working collaboratively and are committed to advancing the industrial engineering field. We are seeking faculty in the general areas of **Manufacturing Processes, Manufacturing Systems, Product Design, and Product Realization.**

Research leadership and potential is the primary consideration. We encourage cutting-edge, interdisciplinary research. Candidates with a focus on emerging research areas such as biomanufacturing, nanomanufacturing, nanosystems, or sustainable systems are especially encouraged to apply. A successful candidate should have a PhD degree in Industrial Engineering, Mechanical Engineering, or a closely-related field at the time of appointment. For junior candidates, our primary search criterion is research potential. Senior candidates must have established an outstanding research record commensurate with rank.

The Department of Industrial Engineering has a progressive undergraduate program with 150-180 students, a vibrant professional Master's Degree program, and a rigorous Doctoral program with approximately 40 PhD students. The department also has excellent laboratory facilities that include the Swanson Center for Product Innovation, the Computational Optimization Laboratory, and the RFID Center for Excellence. Additional school-wide facilities for advanced materials characterization and synthesis including electron microscopy, sample preparation and microfabrication are available via the Peterson Institute of NanoScience and Engineering (www.nano.pitt.edu). *For more information about the department, please visit our Web site: www.engr.pitt.edu/industrial/.*

Review of applications will begin immediately; however, applications will be accepted until the positions are filled. Please e-mail a cover letter indicating the position of interest, a resume, copies of up to five research papers, research and teaching statements, and a list of four references to: **Faculty Search Committee at facultysearch@ie.pitt.edu.**



University of Pittsburgh

Swanson School of Engineering
Department of Industrial Engineering

The University of Pittsburgh is an affirmative action, equal opportunity employer.
We especially encourage applications from underrepresented groups.

for an Assistant Professor position should arrange to have three letters of reference sent to the Search Committee (c/o Jeff Brown). Candidates for a tenured position should provide the names of at least five references from whom letters can be solicited. To guarantee full consideration, all application materials should be received by Monday January 4, 2010. However, applications will be accepted until the position is filled or the search is terminated. Women, and candidates who are members of minority groups, are encouraged to apply. Brown University is an Equal Opportunity Affirmative Action employer.

STEVENS INSTITUTE OF TECHNOLOGY

TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING

Stevens Institute of Technology announces a tenure-track faculty opening in the Department of Chemical Engineering and Materials Science (CEMS). Regarded as one of the most accomplished departments at Stevens, CEMS has its research centered on problems broadly related to energy, health care, and defense. Annual externally funded research expenditure is about \$3M. Applicants should have a Ph.D. in Chemical Engineering or a related discipline. While all relevant areas will be considered, priority will be given to candidates with research interests in biotechnology, alternative energy, pharmaceutical process engineering, and multi-scale phenomena in biologically active materials and systems. Successful applicants will be expected to develop strong extramurally funded research activities and show a clear commitment to both graduate and undergraduate training in a highly integrated and interdisciplinary environment. The search is open to applicants for all the academic ranks, depending on the experiences, records of accomplishment, and national and international recognition. **Applications will be accepted until the position is filled. Applicants should submit a curriculum vitae, a detailed research plan including both short-term and long-term professional goals, a description of teaching interests, and contact information for at least three references to: Chair of Faculty Search Committee, c/o Ms. Nancy Webb, email: nwebb@stevens.edu, Department of Chemical Engineering and Materials Science, Stevens Institute of Technology, 1 Castle Point Terrace, Hoboken, New Jersey 07030.** Stevens Institute of Technology is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

UNIVERSITY OF NOTRE DAME

CHEMICAL & BIOMOLECULAR ENGINEERING FACULTY OPENINGS

The Department of Chemical & Biomolecular Engineering at the University of Notre Dame is pleased to announce openings for tenured or tenure-track faculty at any rank. A Ph.D. or equivalent degree is required. All research fields are welcome. Applicants should have developed, or show potential for development of, an outstanding research program and possess a strong commitment to graduate and undergraduate education. **Applicants should send a pdf file of their curriculum vitae, statement of teaching and research interests and the names and complete addresses of at least four references to: CBEopen@nd.edu** Please direct any questions to mjm@nd.edu. Notre Dame is an equal opportunity/affirmative action employer.

FACULTY RECRUITING IN CHEMICAL ENGINEERING, THE UNIVERSITY OF TEXAS AT AUSTIN.

The Department of Chemical Engineering seeks outstanding applicants for a tenure-track faculty position at the Assistant Professor level. A Ph.D. is required and applicants must have an outstanding record of research accomplishments and a strong interest in undergraduate and graduate teaching. The Department is especially interested in applicants with research and teaching interests in the areas of energy sciences, but exceptional candidates in any area of chemical engineering are also encouraged to apply. Applications from women and minorities are strongly encouraged. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a research program, collaborate with other faculty, and be involved in service to the university and the profession. **Interested persons should submit in electronic form a detailed curriculum vitae including academic and professional experience, statements regarding their teaching philosophy and research plans, a list of peer reviewed publications and other technical papers, and the names, address and telephone numbers of three or more references to: Chair, Department of Chemical Engineering, The University of Texas at Austin, Austin, TX 78712-0231 (chefaculty-search@che.utexas.edu).** Scheduling for interviews will begin in late November 2009. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

PENNSTATE



Faculty Position, Environmental Health and Safety Engineering

The Department of Energy and Mineral Engineering (EME; <http://www.emc.psu.edu>) at The Pennsylvania State University invites applications for a full-time, tenure-track faculty position at the assistant professor level. The principal research and teaching areas for the position are to be in environmental health and safety engineering. In particular, we are looking for someone with experience in safety and risk assessment. EME is home to Penn State's degree programs in Petroleum and Natural Gas Engineering, Mining Engineering, Environmental Systems Engineering (with options in environmental systems and environmental health and safety), Energy Engineering, Energy Business and Finance, and Energy and Mineral Engineering. The successful applicant will help to build and maintain excellence in Penn State's environmental health and safety engineering option in the Environmental System Engineering program. The candidate will teach undergraduate and graduate courses, supervise graduate students at the MS and PhD levels, and carry out an active research program in his/her area of specialization.

Candidates should have a doctorate degree in a safety-related discipline with a strong background in one of the department's focus areas. Preference will be given to candidates with industrial experience and appropriate certification (e.g., CSP, CIH, etc.). The successful candidate should demonstrate strong communication and presentation skills. Although the search is aimed at the Assistant Professor level, more senior candidates may be considered. Demonstrated ability and willingness to establish an externally funded research program, conduct independent research, and publish scholarly research are expected. Penn State is committed to adding at least 25 new faculty in energy in the next three years (please see articles at: <http://www.psicc.psu.edu> and <http://www.psicc.psu.edu/publications/EnergyReport.pdf>) and we expect the new faculty to collaborate with other energy and safety-related faculty in the University.

Applications should include: (1) a curriculum vitae including educational background and employment history; (2) a statement concerning research and teaching interests; (3) names and addresses of at least three referees; and (4) samples of refereed publications. Send applications at the earliest via regular mail or electronically to: Chair of EHSE Search Committee, Department of Energy and Mineral Engineering, The Pennsylvania State University, 117 Hosler Building, University Park, PA 16802, USA; Fax: (814) 863-5709; E-mail: rlg19@psu.edu

Materials will be accepted until position is filled.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

Opportunities as limitless as Penn State.
www.psu.jobs

SUSTAINABLE ENERGY STUDIES PROFESSORSHIP SYRACUSE UNIVERSITY

The Sustainable Energy Studies Professorship in the Department of Biomedical and Chemical Engineering at Syracuse University is an exceptional opportunity for an assistant professor to develop a research program in biofuels. The desired areas of research include chemical and/or biological conversion of biomass into fuels, sustainable feedstocks and separation techniques for biofuel production and protein/metabolic engineering for biofuel applications. Competitive startup funds will be provided for equipment and for graduate fellowships to attract outstanding graduate students. Many opportunities for research collaboration exist within the Department, College and University, as well as at the Syracuse Center of Excellence in Environmental and Energy Systems and the SUNY College of Environmental Science and Forestry. The Department has recently enjoyed significant growth in the number of faculty and students and anticipates continuation of such growth under the leadership of its new Chair. The Department is committed to building its research programs which currently have funding from major federal and state agencies and industry. The Department offers programs leading to BS, MS and PhD degrees in both Chemical Engineering and Bioengineering. **For full consideration applicants must complete an online application form and attach (electronically) a cover letter, curriculum vita, the names of three references and brief descriptions of their research and teaching interests through www.sujobopps.com (Job #025598).** Review of applications will begin January 4, 2010 and continue until the position is filled. For additional information about this position, contact the chair of the search committee, Professor Lawrence Tavlarides (ltavlar@syr.edu). Syracuse University is an equal opportunity/affirmative action employer with a strong commitment to equality of opportunity and a diverse workforce.

UNIVERSITY OF MINNESOTA

Tenured or Tenure-Track Faculty Position Chemical Engineering, University of Minnesota

The Department of Chemical Engineering and Materials Science invites applications from outstanding candidates to fill a faculty position. The position is open at the Assistant (tenure-track), Associate, or Full Professor levels. Applications are especially encouraged from individuals whose research emphasizes biological/biochemical engineering, bio-materials, systems biology or synthetic biology. However, full consideration will be given to all excellent candidates.

The successful candidate is expected to develop a world-class, externally funded research program and contribute to the highly interdisciplinary educational and service mission of the Department and the University. A Ph.D. in Chemical Engineering or closely related field is required.

Applications should be submitted on-line, and consist of a CV (including a list of publications), detailed statements of research and teaching interests and plans, and the names and contact information of three references. **Submit applications at <https://employment.umn.edu>.** Search for requisition number 162105. Information on the Department is available on www.cems.umn.edu. Review of applications will begin immediately and continue until the position is filled. Send any inquiries to faculty search committee chair at fsc@cems.umn.edu.

The University of Minnesota is an equal opportunity educator and employer.

July 2009

Seeking Candidates for Editorship of *Biotechnology Progress*

Biotechnology Progress, published six times a year in print and continuously online by Wiley-Blackwell on behalf of the American Institute of Chemical Engineers (AIChE) and its Society for Biological Engineering, is looking for candidates for an Associate Editor who can succeed to the Editorship. The successful candidate will work with the current Editor, Jerome Schultz, and take over as Editor after a transition period of approximately one year.

Biotechnology Progress features research reports, reviews, and descriptions of emerging techniques for the development and design of new processes, products, and devices for the biotechnology/bioprocess industries. Its focus includes applied cellular physiology and metabolic engineering, biocatalysis and bioreactor design, bioprocesses and downstream processing, cell culture and tissue engineering, biosensors and process control, bioinformatics and systems biology, biomaterials and artificial organs, and stem cell biology and genetics.

The successful candidate should be able to commit to a five-year term as Editor with an option for a second-term renewal. He/she will work, initially with Dr. Schultz and then as Editor, to pursue readership growth strategies and enhance the impact factor. This non-staff position comes with a stipend from AIChE and funding for administrative support.

The successful candidate should:

- Have extensive experience and a solid reputation in the bioprocessing, biomedical, and/or biomolecular research communities
- Be strongly committed to serving the biological and chemical engineering communities through *Biotechnology Progress*
- Have impeccable ethical standards
- Demonstrate independence, while working within an established system
- Champion the integration of biology with engineering and the importance of biotechnology to the chemical engineering profession.

If you are interested in applying for this position, please send an e-mail to the Search Committee, with a statement describing your qualifications for the position, a brief resume, and a list of three references to: BPsearch@aiche.org

Applications should be received by November 30, 2009 to ensure full consideration.



THE PETROLEUM INSTITUTE ABU DHABI, UNITED ARAB EMIRATES

Institution: The Petroleum Institute (PI) in Abu Dhabi, United Arab Emirates was created in 2001 with the goal of establishing itself as a recognized institution in engineering education and research in areas of significance to the oil and gas and the broader energy industries. The PI's sponsors include the Abu Dhabi National Oil Company and four major other international oil companies, namely BP, Shell, Jodco, and Total. The Institute is affiliated with and has collaborative programs in place with the Colorado School of Mines, the University of Maryland at College Park, The University of Minnesota, and Leoben and Linz Universities (Austria). For more information, please refer to the PI website: www.pi.ac.ae.

FACULTY POSITIONS - CHEMICAL ENGINEERING

The Chemical Engineering Department at the PI is seeking applications for the following positions:

Program Chairman
Chaired Professor, Distinguished Professor
Professor, Associate Professor, Assistant Professor
Senior Research Associate, Research Associate

Program faculty will be expected to teach undergraduate and graduate courses, develop an active research program, and to engage in professional and institutional service activities. Opportunities to interact with PI industrial stakeholders and other local industries will be a key feature in the development of a research program.

Interested candidates should submit all materials online:

www.pi.ac.ae/jobs

Review of applications will begin immediately and will continue until successful candidates are selected

Only short-listed applicants will be notified.