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POSITIONS OPEN

CCPS SENIOR PROCESS SAFETY SPECIALIST AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

This position can be based in the AIChE New York Global Headquarters or Houston Office. The American Institute of Chemical Engineers is seeking a Senior Process Safety Specialist for our Center for Chemical Process Safety (CCPS). The successful incumbent will act as the project manager for key CCPS projects related to process safety publications and training, and other short and long term projects as assigned. For projects where vendors are used, the incumbent will oversee the selection of the vendor and manage the vendor. The incumbent will be a subject matter expert for CCPS and SACHE training including e-learning and face-to-face courses for a wide range of customers. The incumbent will also develop new educational materials and customize courses to meet customer requirements. Coordinate implementation and completion of assigned projects on budget and on schedule. Lead professional development training course. Prepare and update relevant project budgets. Maintain relevant content on the public and secure member websites and develop new content. BS in chemical engineering or related discipline, with familiarity with process safety required. 15 – 20 years of experience in industry (or equivalent) desirable. Ability to travel approximately 45 – 50% of the time is required, including international travel. Good understanding of AIChE / CCPS and the workings of its volunteer structure, or prior experience working within a similar environment. Sensitive to multi-cultures highly desired. Foreign language skills a plus, especially Spanish, Chinese, and Portuguese. Seasoned trainer and/or facilitator in the process safety arena a plus. **Interested candidates may e-mail their cover letter and resume to recruitment@aiiche.org. Please note the title of the position in the subject line of the e-mail.** The American Institute of Chemical Engineers is an Equal Opportunity Employer.

ACADEMIC OPENINGS

CAMPBELL UNIVERSITY FOUNDING DEAN, SCHOOL OF ENGINEERING

Campbell University (www.campbell.edu) invites applications for the position of Founding Dean to lead the initiation, growth, and accreditation of the planned School of Engineering. The BS in Engineering degree program will begin in fall 2016 with initial concentrations anticipated in mechanical and chemical / pharmaceutical engineering. This is a unique career opportunity, and Campbell University is looking for a special engineering leader to initiate this new and important School and program. The anticipated start date for the new Dean is July 1, 2015. Responsibilities: Reporting to the Vice President for Academic Affairs & Provost, duties of the position will include, but are not limited to: teaching; curriculum development and implementation; facilities planning; faculty recruitment, leadership and development; budget development and oversight; industry outreach; strategic planning; instructional program excellence; and support of the University's mission. The Dean will lead the program through the dynamic and exciting period of startup and growth, culminating in ABET accreditation. Development of a visionary, realistic, and synergistic strategic plan will be essential to guide potential future development. The Dean will also be the key representative of the School of Engineering to industry, the community, parents, and students. Qualifications: Candidates are required to have a PhD in an engineering discipline from an accredited institution of higher education, and a record of leadership, educational excellence, and research productivity. Also

required is the ability to multitask and demonstrated success in strategic planning and academic administration, including team-building and effective interaction with faculty, administrators, students, parents, industry, and the community. The successful candidate should be credentialed in an engineering discipline related to mechanical, chemical, or biomedical engineering and have experience in assessment leadership and ABET accreditation processes. The successful candidate should also have experience with professional engineering registration, leadership in professional societies, and a strong interest in engineering education, problem based and applied learning, and innovation. About Campbell University (<http://www.campbell.edu/about/history-quick-facts/>). Applications: **For full consideration, interested applicants should apply online at <http://www.campbell.edu/about/employment/> by December 31, 2014. Applications should include a cover letter of introduction describing how the candidate fulfills the position description, a resume or curriculum vita, and contact information for five professional references.** Salary is competitive and based upon experience. Questions related to the position or the search may be directed to Dr. Mark Hammond, Vice President for Academic Affairs & Provost [hammond@campbell.edu].

THE CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT OF THE HENRY SAMUELI SCHOOL OF ENGINEERING AND APPLIED SCIENCE AT THE UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)

is seeking a faculty candidate with extraordinary research and teaching capability in Chemical and Biomolecular Engineering. Candidates must have a PhD degree in chemical engineering or a related field, and be qualified to teach undergraduate and graduate courses and to mentor MS and PhD students. The successful candidate will have an outstanding record of contributions to chemical and/or biomolecular engineering. Senior, qualified candidates may be considered for the William D. Van Vorst Chair in Chemical Engineering. **Please apply by 12/20/14 at <https://recruit.apo.ucla.edu/apply/JPF00533>.** The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity, disability, age or protected veteran status. The department is seeking outstanding candidates with the potential for exceptional research, and excellence in teaching, and also a clear commitment to enhancing the diversity of the faculty, graduate student population, and of the majors in chemical and biomolecular engineering.

FACULTY POSITIONS AVAILABLE AT ALL LEVELS THE GENE AND LINDA VOILAND SCHOOL OF CHEMICAL ENGINEERING AND BIOENGINEERING AT WASHINGTON STATE UNIVERSITY (WSU)

invites applications for multiple full-time tenure-track faculty positions in the Chemical Engineering program. Applications will be considered for positions at all ranks commensurate with qualifications. The successful candidate will be expected to teach undergraduate and graduate courses in Chemical Engineering using highly effective traditional and/or newly emerging educational approaches, mentor diverse students, develop collaborative research, establish an externally funded research program, and publish scholarly work. The School welcomes strong candidates who can complement and collaborate with existing research programs in the School, the College of Engineering and Architecture at Washington State University's Pullman campus, at the Pacific Northwest National Laboratory, and with industries in Washington including life sciences, materials, environment, and energy. Candidates with strong research

Worcester Polytechnic Institute

Professor and Department Head

Chemical Engineering (ChE) Department

The ChE Department Head is responsible for the academic operation of the department, the development of the ChE faculty, and maintaining the high quality of the department's programs and facilities. The WPI ChE Department (<http://www.wpi.edu/academics/che.html>) has an ABET-accredited undergraduate program with 378 students and a graduate program with 33 students. The department currently has 12 tenured and tenure track faculty members with expertise in the areas of energy & environment, bio-engineering, materials, molecular modeling, and computational science.

WPI is known for its strong undergraduate programs. College Factual ranked WPI's undergraduate chemical engineering program as 7th in the nation. Based on this strength, the department has recently grown its undergraduate enrollment to be the 33rd largest in the nation and added 3 new faculty. WPI is seeking a distinguished scholar with an international reputation and outstanding research record in chemical engineering with the goal of maintaining its respected undergraduate program and strengthening its graduate education and research mission in the broad areas of energy, environment, materials, and bio-engineering. The successful candidate will nurture existing research efforts within the department and help the Chemical Engineering Department take a leadership role in launching new multidisciplinary research activities. Candidates should have a Ph.D. in chemical engineering or a closely related field, demonstrated leadership ability, records of excellence in both research and teaching, and a commitment to WPI's project-based curriculum.

WPI, founded in 1865 and located one hour west of Boston, is one of the nation's oldest technological universities. WPI is a highly selective private university with an undergraduate student body of over 4,000 and 1,900 full-time and part-time graduate students enrolled in more than 50 Bachelor's, Master's, and PhD programs. Its innovative project-enriched curriculum engages students and faculty in real-world problem solving, often at one of WPI's global project centers. U.S. News and World Report consistently ranks WPI among the top 100 national universities and College Factual – USA Today, lists WPI in the top 10 Best Engineering Schools in the U.S. (August 2014).

Applications should include detailed curriculum vitae, statements of teaching and research interests, and a list of five professional references at least one of which addresses leadership experience or potential, via <http://apptkr.com/531887>

Applications from women and minority candidates are especially encouraged. This search will remain open until the position is filled.



WPI

To enrich education through diversity,
WPI is an affirmative action, equal opportunity employer.

and teaching interests in catalysis and biofilm engineering are particularly encouraged to apply. The School of Chemical Engineering and Bioengineering has 18 tenured or tenure-track faculty members including multiple fellows of professional societies, 500 undergraduate students, and 70 graduate students. The City of Pullman, nestled in the rolling wheat fields of southeastern Washington, offers small town charm, low crime, and Pac-12 athletics. It was named by Bloomberg Business Week as the best place in Washington to raise your children. Qualifications: Earned doctoral degree in Chemical Engineering or a closely related field prior to the start of the appointment; Demonstrated record of scholarly work and potential to establish a robust research program; Demonstrated excellent verbal and written communications skills, and commitment to collaborate with diverse internal and external groups. Application: The Search Committee will accept applications until the positions are filled, with candidate screening starting on October 31, 2014. An application should include: a curriculum vitae, a statement of research plans (approx. 2 pages), a statement of teaching experience and interests (approx. 2 pages), and contact information for four references. **The application must be submitted online at <https://www.wsujobs.com/postings/14799>.** WSU is an EO/AA Educator and Employer. For additional information on Washington State University and the Voland School, visit our home page at <http://www.voland.wsu.edu/>.

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN CHEMICAL AND BIOMOLECULAR ENGINEERING, FACULTY POSITIONS

The Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invites applications for one or more tenure-track/tenured faculty positions at the Assistant, Associate, and Full Professor level in all research areas, including but not limited to computation, systems, materials, transport, energy, sustainability, and biotechnology. **Please visit <http://go.illinois.edu/CHBEfaculty> to view the complete position announcement and application instructions.** For full consideration, applications must be received by December 1, 2014. Illinois is an EOE Employer/Vet/Disabled www.inclusiveillinois.illinois.edu

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN CHEMICAL AND BIOMOLECULAR ENGINEERING SENIOR FACULTY POSITION IN ENERGY & SUSTAINABILITY

The Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invites applications for a full-time tenured Associate or Full Professor whose research is in the area of Energy & Sustainability. This position is part of the multi-year Strategic Excellence Hiring Program at Illinois. **Applicants must submit a cover letter, curriculum vitae, and names and contact information of at least three references. Please visit <http://go.illinois.edu/CHBEenergy> to view the complete position announcement and application instructions.** For full consideration, applications must be received by December 1, 2014. Illinois is an EOE Employer/Vet/Disabled www.inclusiveillinois.illinois.edu

THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF LOUISVILLE

seeks candidates for a tenure-track assistant professor position to begin Fall 2015. Appointment at the associate professor rank may be considered for exceptionally qualified candidates. Successful candidates are expected to teach undergraduate and graduate courses in Chemical Engineering; contribute to the service mission of the university; develop an internationally recognized research program with consistent extramural funding in areas related to bioenergy, such as electrofuels, biocatalysis, biorenewable resource separations, and upgrading of low-value carbon feedstocks. The successful candidate should have a bachelor's degree in Chemical Engineering, a doctorate in Chemical Engineering or related field, and be proficient with oral and written communication skills in English. The Speed School of Engineering is home to seven academic departments plus the Conn Center for Renewable Energy Research (conncenter.net). The successful candidate will be encouraged to leverage the infrastructure and technical support at the Conn Center to promote his or her funded research. **Candidates must apply on-line at <http://louisville.edu/jobs> (ID# UL281) and provide curriculum vitae, contact information for at least three references, and a brief statement of research and teaching interests.** Applications will be reviewed beginning on December 1, 2014, and will be accepted until the position is filled. The University of Louisville is an Affirmative Action, Equal Opportunity, Americans with Disabilities Employer, committed to diversity and in that spirit, seeks applications from a broad variety of candidates.



Department of Chemical & Biomolecular Engineering
Faculty of Engineering

**Head of Department of Chemical and Biomolecular Engineering,
National University of Singapore**

The National University of Singapore is a world leading research university which is consistently ranked among the world's top 30 universities and Asia's top 2 universities. The National University of Singapore invites outstanding applicants for the position of the Head of the Department of Chemical and Biomolecular Engineering. The Department of Chemical and Biomolecular Engineering at the National University of Singapore was rated 5th in the QS World University Ranking in 2014 and attracts the best students from Singapore and the region. The Department has played and continues to have a pivotal role in developing the research and technology infrastructure for Singapore's and the region's dynamic manufacturing and knowledge-based economy. The energy and chemical industry is a key pillar of Singapore's economy and Singapore is one of the world's leading chemical hubs.

The successful candidate is expected to possess the following:-

- A record of excellence in education and research in Chemical and Biomolecular Engineering;
- Vision and a long-term commitment to bringing the Department to new heights of international excellence;
- Excellent communication, interpersonal and team building skills;
- Experience in leadership and management in an academic organization;
- Skills in institutional advancement and a track record of securing funding, especially from external agencies;
- Industrial consulting experience will be desirable.

The successful candidate should have an earned doctorate in Chemical and Biomolecular Engineering or a closely related field, with the experience and credentials suitable for appointment as a Full Professor in NUS.

To apply, please send (i) Detailed Curriculum Vitae (including research, teaching and administrative experience); (ii) Publication list; (iii) a Statement of your vision of the future direction of chemical engineering education and research, and how you will position the Department to face the future challenges; (iv) a Statement of your administrative philosophy to manage the education-research nexus in a rapidly growing research University in Asia; (v) list of six referees with contact details (who will be contacted only with your concurrence); and (vi) [NUS Personal Data Consent for Job Applicants](#) to:

Chair of Chemical and Biomolecular Engineering Head Search Committee
Dean's Office, Human Resources
Faculty of Engineering
National University of Singapore
Block EA, #05-44, 9 Engineering Drive 1,
Singapore 117575
Fax: (65) 68735864
Email: engsj@nus.edu.sg

Candidates who apply by **15 January 2015** will receive full consideration.

THE CHEMICAL ENGINEERING PROGRAM AT THE MIDDLE EAST TECHNICAL UNIVERSITY NORTHERN CYPRUS CAMPUS (METU NCC) is seeking applicants for faculty positions at all ranks. For more information, please visit <http://ncc.metu.edu.tr/show/36/academicpositions.html>.

LECTURER IN CHEMICAL ENGINEERING THE DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING AT THE UNIVERSITY OF KENTUCKY

invites applications for the position of Lecturer in Chemical Engineering. This is a non tenure-track faculty position, with duties oriented primarily towards undergraduate instruction in chemical engineering. The initial appointment will be for two years and is long-term renewable. The anticipated start date is Fall 2015. Applicants must hold the B.S. and Ph.D. degrees in Chemical Engineering. Priority will be given to individuals with significant prior industrial experience and those who hold professional licensure. The successful candidate will be responsible for teaching core courses in the chemical engineering curriculum, with an emphasis on courses related to process design and unit operations. Applicants should have strong written and oral communication skills and a commitment to excellence in undergraduate education. Review of applications will begin immediately and will continue until the position is filled. **Candidates should apply for the position on-line at <https://ukjobs.uky.edu/>; the deadline for acceptance of applications is March 1, 2015.** Submit PDF files consisting of a letter of interest, complete

curriculum vitae, a detailed statement of teaching philosophy and professional experience related to chemical engineering instruction and practice, and the names and contact information for at least three references. For more information, contact Prof. Douglass Kalika, kalika@engr.uky.edu. Information on the Department can be found at: <http://www.engr.uky.edu/cme>. The University of Kentucky is an Equal Opportunity University. We encourage applications from all interested and qualified individuals.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF MISSISSIPPI

is seeking applications and nominations for the position of Department Chair. The department has a strong history of producing excellent undergraduate chemical engineers who go on to succeed in top industrial positions and highly ranked graduate programs. This leadership position is intended for candidates with demonstrated ability in developing interdisciplinary research programs at the graduate and undergraduate level, mentoring new faculty, and a strong commitment to quality undergraduate education. The successful candidate should be eligible for appointment at professor level. A Ph.D. in chemical engineering or a closely related field is required. All applications received by December 12, 2014 will be considered, though the position remains open until filled. The candidate is expected to teach at the undergraduate level in accordance with the department and the college teaching policies and practices. The chair normally teaches a reduced load relative to other faculty. The chair is also expected to take a leadership role in the review and enhancement of the undergraduate curriculum and its accreditation. **For more information and to apply, please go online to jobs.olemiss.edu. Applicants must apply at visit: <https://jobs.olemiss.edu>.** The University of Mississippi is an EEO/AA/ADA/ADEA/ Titles VI & IX/Section 504 employer.

THE CHINESE UNIVERSITY OF HONG KONG, SHENZHEN PROFESSOR/ASSOCIATE PROFESSOR/ ASSISTANT PROFESSOR – THE SCHOOL OF SCIENCE AND ENGINEERING

Located in the Longgang District of Shenzhen, CUHK(SZ) is a research-intensive university established through a Mainland-Hong Kong collaboration, with campus and infrastructure provided by the Shenzhen Government. It will develop its academic programmes in phases, and will offer courses in Schools of Management and Economics, Science and Engineering, and Humanities and Social Science. The faculty will be recruited internationally, as will some of the students. The language of instruction will be English and Chinese, and the students will receive degrees of The Chinese University of Hong Kong. The School of Science and Engineering at CUHK(SZ) will begin to admit students in four programmes from 2015: Computer Science and Engineering, Electronic Information Engineering, New Energy Science and Engineering, and Statistics. Other new programmes will be gradually introduced in the next few years. The School's mission is to develop innovative and forward-thinking science and technology leaders for the rapidly expanding economy of China, and to become a top science

and engineering school nationally and internationally. We now invite applications for faculty positions in all related fields, including (but not limited to) New Energy Science and Engineering: Energy storage and distribution; Energy harvesting (solar, wind, and thermoelectric); Biofuel, batteries and fuel cells; New energy vehicles; Energy management; Energy and environment. Applications in Chemistry, Biomedical Science and Engineering, Environmental Science and Engineering, Material Science and Engineering, etc., will also be considered. Junior applicants are expected to have a PhD degree and high potentials in teaching and research. Candidates for Associate and Full Professor positions should have demonstrated academic leadership and strong commitment to the highest international standards of excellence. Salary will be comparable to international standards, commensurate with experience and accomplishments. The University will provide comprehensive fringe benefits, including housing and medical care, for qualified candidates. **Applications (with CV, and at least three references) should be sent by email to hr-1@cuhk.edu.cn. Applications/ Nominations will be considered until the positions are filled.**

FACULTY POSITIONS AT THE INSTITUTE OF ENGINEERING & TECHNOLOGY, AHMEDABAD UNIVERSITY, INDIA

Ahmedabad University (AU) is promoted by Ahmedabad Education Society (AES), which was established in 1935 and is one of the most accomplished education societies in Western India. AU is five years old, with the goal of establishing a world-class educational institution that would pursue student-centric education and high-quality and socially-relevant research and development. The Institute of Engineering & Technology (IET) was started in 2012, with the dual goals of offering a project-based engineering education and igniting innovation. Currently IET's educational programs are: B. Tech. degrees in Chemical and Mechanical Engineering, a dual-degree and a PhD in Information & Communication Technology, and an M. Tech. in Data Science and Analytics. We are looking for faculty at all levels (Professor/Associate Professor/ Assistant Professor), with a Ph.D. in Chemical Engineering or allied areas, and who are passionate about teaching innovatively and pursuing research. We provide research funding, laboratory infrastructure and liberal travel grants. For further information please visit: <http://iet.ahduni.edu.in/pages/careers/remuneration>. **Applications should consist of a cover letter, CV, research statement, contacts of 3 references, and PDF's of three best research publications. Please submit applications and queries to: faculty.search.iet@ahduni.edu.in**

Visit AIChE's CareerEngineer Job Board for Additional Employment Opportunities
<http://careerengineer.aiche.org>

Employers seek AIChE members due to their commitment to professional excellence. AIChE Membership gives you the job-seeking advantage. Upload your resume FREE for employers to contact you. Member resumes are placed at the top of the list for employers to view first.

THE UNIVERSITY OF TENNESSEE
KNOXVILLE
Department of Chemical & Biomolecular Engineering
COLLEGE OF ENGINEERING

The Department of Chemical and Biomolecular Engineering at University of Tennessee in Knoxville seeks applications for a non tenure-track Professor of Practice faculty position with a preferred starting date of January 1, 2015.

The primary responsibilities of the Professor of Practice include: 1) teaching of senior design and Unit Operations Laboratory courses, 2) serving as academic advisor for undergraduate CBE students, 3) being the primary liaison for industry relations with the department, 4) being involved in curriculum enhancements and professional development programs for students, and 5) representing the department in Chemical Engineering and related professional organizations such as AIChE, ASCE, and ABET.

An advanced degree in Chemical Engineering and prior industrial experience relevant to teaching design and Unit Operations is required. Applicants should submit a cover letter highlighting their qualifications, curriculum vitae, and a statement of their teaching philosophy and professional interests, as well as the names and addresses of three references to cbesearch@utk.edu. Review of applications will begin immediately and continue until the position is filled. Departmental information can be found at <http://www.engr.utk.edu/cbe/>. Inquiries should also be addressed to cbesearch@utk.edu.

The University welcomes and honors people of all races, genders, creeds, cultures, and sexual orientations, and values intellectual curiosity, pursuit of knowledge, and academic freedom and integrity.

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.