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ACADEMIC OPENINGS

DEPARTMENT CHAIR POSITION UNIVERSITY OF CALIFORNIA, DAVIS

The Department of Chemical Engineering and Materials Science at the University of California, Davis, is seeking applications and nominations for the position of Department Chair. This is a senior level leadership position intended for candidates with a strong record of research and professional accomplishments, leadership ability, dedication to education and commitment to faculty governance. The Department covers broad areas in Chemical Engineering and Materials Science and Engineer-

ing, both in teaching and research. Candidates able to synergistically build both programs will be given preference. The successful candidate should also be eligible for appointment at professor level. A PhD degree in engineering or related fields is required. All applications received by November 30, 2013 will be considered. The position remains open until filled. Additional information on the department can be found at <http://chms.engineering.ucdavis.edu/>. UC Davis is an affirmative action/equal opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans.

FACULTY OPENING UNIVERSITY OF KANSAS

The Department of Chemical and Petroleum Engineering and The Department of Pharmaceutical Chemistry at the University of Kansas (KU) are seeking an outstanding candidate with expertise related to vaccines at the Assistant or Associate Professor rank, although exceptional candidates at a higher rank will be considered. This joint faculty position is among those released as part of the School of Engineering Building on Excellence Initiative and aims to build ties between the School of Engineering and the School of Pharmacy. Special consideration will be given to applicants who can contribute to the

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University's innovative, collaborative, and multidisciplinary initiatives to educate leaders, build healthy communities, and make discoveries that will change the world. See <http://www.provost.ku.edu/planning/>. The outstanding environment at KU includes two nearby medical centers, two new engineering buildings, the Bioengineering Research Center, and the Institute for Advancing Medical Innovation. The Department of Chemical and Petroleum Engineering has a proud tradition of commitment to both education and research. The department has 19 faculty members, with over 500 undergraduate students and 50 graduate students. The Department of Pharmaceutical Chemistry has 15 faculty members and is part of The School of Pharmacy, which is ranked #1 for research grant funding per faculty. Applications must include a cover letter, CV, and names of at least three references. **For additional information and submission of applications, visit <http://employment.ku.edu>: Select "Search Faculty Jobs" and search with keyword "vaccine".** The position is available beginning August 18, 2014. Salary and benefits are competitive and commensurate with qualifications and experience. Questions should be sent to Professor Cory Berkland at berkland@ku.edu. Review of applications will begin on October 18, 2013 and will continue until selections are made. Equal Opportunity Employer M/F/D/V.

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY

invites applications for a tenure-track faculty position at the Assistant, Associate or Full Professor level. Priority will be given to applicants for the rank of Assistant Professor though higher-level appointments will be considered for candidates with an appropriate level of past experience. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to demonstrate excellence in teaching at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemical Engineering or a related field. Emphasis should be given to candidates with research interests in energy (process engineering), sustainability, biomass or biological engineering but other areas would also be considered. Joint appointment with another Department is possible. **Applicants should send a curriculum vitae, detailed description of research and teaching interests, and names of at least three references to: cbesearch@sol.rutgers.edu. Application deadline is December 15, 2013 and review of applications will continue until the position is filled.** Early applications are encouraged so that the Search Committee may arrange to meet with potential candidates during the annual AIChE meeting. Information about the department can be found at <http://sol.rutgers.edu>. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

UNIVERSITY OF TEXAS ASSISTANT PROFESSOR

The McKetta Department of Chemical Engineering seeks outstanding applicants for tenure track faculty positions 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. There are two potential faculty positions available. For the first, researchers with interests in advanced materials for energy sciences, bioprocessing, or the discovery and delivery of therapeutics are encouraged to apply. For the second, researchers with interests in catalysis for energy storage and generation, sustainable chemical feedstocks and fuels, or materials for water purification are sought. Applications from women and minorities are especially encouraged. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a leading sponsored research program, collaborate with other faculty, and participate actively in service to the university and the profession. Interested persons should submit in electronic form as a single PDF document 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. Applicants should also provide the names, address and telephone numbers of three or more references. **The online application form can be found at <http://www.che.utexas.edu/facultyapplication>. Please apply by November 22, 2013 for primary consideration; however the positions will remain open until filled.** A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT LAFAYETTE COLLEGE IN EASTON, PENNSYLVANIA

is pleased to announce a tenure-track position at the Assistant Professor level with appointment to begin July 2014. We seek the best available candidate with preference to those with expertise in energy, advanced materials, or environmental engineering. A strong background in teaching and mentoring, with interests in laboratory-based teaching, multidisciplinary collaboration, and experiential education, is a plus. The ChBE Department has approximately one hundred twenty students across all classes and outstanding resources for faculty research and professional development. Lafayette College is a small, private, undergraduate-only institution emphasizing superior education in engineering and the liberal arts. The College is located in eastern Pennsylvania, 70 miles from both New York City and Philadelphia. Applicants should have a Ph.D. in chemical engineering or closely related field. **A cover letter, statement of teaching interests, research plans, a curriculum vitae, and list of three references should be addressed to: Search Committee, Dept. of Chemical and Biomolecular Engineering. Email applications and questions to: chbe@lafayette.edu.** Review of applications will begin November 1. Lafayette College is committed to creating a diverse community: one that is inclusive and responsive, and is supportive of each and all of its faculty, students, and staff. All members of the College community share a responsibility for creating, maintaining, and developing a learning environment in which difference is valued, equity is sought, and inclusiveness is practiced. Lafayette College is an equal opportunity employer and encourages applications from women and minorities.



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Pacific Gas and Electric Company is an AA/EEO employer that actively pursues and hires a diverse workforce.

Visit AIChE's CareerEngineer Job Board for Additional Employment Opportunities
<http://careerengineer.aiche.org>
or <http://www.aiche.org>
(Career Resources then Find a Job)

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. Some of the many positions found on AIChE's targeted chemical industry job board include:

- **Sr. Process Engineer PhD**
Dow Corning Corp.
- **Sr. Scientist/Principal Scientist – Drug Product/Process Development**
Pfizer, Inc.
- **Hydrogen Plant Process Engineer**
Air Products & Chemicals, Inc.
- **Technology Manager, Healthcare Industry**
SABIC
- **Projects & Engineering Manager**
BP International Ltd.
- **Automation & Process Control Engineering Consultant**
DuPont

VIRGINIA TECH, DEPARTMENT OF CHEMICAL ENGINEERING FACULTY POSITION IN MACROMOLECULAR SCIENCE

Virginia Tech is expanding its internationally recognized interdisciplinary program in macromolecular science and engineering with an endowed chair at the professor level. The Department of Chemical Engineering invites applications for the Robert E. Hord Endowed Chair in Chemical Engineering. Candidates are expected to have established an international record of research and education. Although all areas of macromolecular science will be considered, candidates with interests in advanced polymeric materials for application in molecular-scale separations, biopolymers, or drug delivery are especially encouraged to apply. The successful candidate will have the opportunity to participate in the University-wide Macromolecules and Interfaces Institute, which has the mission of building strong research and education collaborations across campus. **Applications for the Hord Chair should be submitted online at <http://www.jobs.vt.edu>, posting TR0130085** Review of applications will continue until the position is filled. For more details visit <http://www.che.vt.edu/> or contact Professor David Cox at dfcox@vt.edu. Virginia Tech is an Equal Opportunity/Affirmative Action employer.

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

Chemical Engineering Department Head and Robb Chair

The College of Engineering at The Pennsylvania State University invites nominations and applications for the position of Department Head and Robb Chair in the Department of Chemical Engineering. The College seeks an individual who will provide innovative and energetic leadership with effective administrative skills and a strong commitment to higher education. The successful candidate will hold the endowed Robb Chair and must have a strong commitment to research, as well as an established and widely recognized reputation in Chemical Engineering. An earned doctorate is required.

The Department currently has 19 full-time faculty plus a number of joint and affiliated faculty from other departments within Penn State. There are about 100 students in the graduate program and Penn State has graduated the most BS chemical engineers in the US over the past decade. Penn State Chemical Engineering has recently been rated among the top five departments in the country in terms of annual research expenditures. Key research areas are biomolecular engineering, nanoscale and materials engineering, and computation. These key areas are strongly supported by the university through consortia devoted to the Cyber Science, Energy and the Environment, Life Sciences, Materials, and Natural Gas Research. The Chemical Engineering Department has been a leading innovator in multi-disciplinary activities, both within Penn State and through partnerships with other universities and industry.

Information about the department can be found at <http://www.che.psu.edu/>

Interested applicants should submit a curriculum vitae and vision statement electronically to Ms. Bobbi Schaffer at bsldo@engr.psu.edu. We will begin to review applications on January 6, 2014 and our search will continue until the position is filled. It is intended that the position will be filled by the beginning of the 2014 - 2015 academic year. Applications will be treated with the strictest confidence. Inquiries can be made to Kristen Fichthorn via e-mail to fichthorn@psu.edu or by phone at: (814) 863-4807.

Employment will require successful completion of background check(s) in accordance with University policies.

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

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.

JOINT FACULTY POSITION IN CHEMICAL AND BIOMOLECULAR ENGINEERING AND ELECTRICAL ENGINEERING AND COMPUTER SCIENCE AT VANDERBILT UNIVERSITY

The Departments of Chemical and Biomolecular Engineering and Electrical Engineering and Computer Science at Vanderbilt University (VUChBE and VUEECS) together with the Vanderbilt Institute for Nanoscale Science and Engineering (VINSE) invite applications for a tenured/tenure-track faculty position, with preference for appointment at the assistant or associate professor rank. We seek an outstanding candidate with demonstrated expertise at the intersection of energy, nanotechnology, and devices. Applicants must demonstrate the ability to develop a vibrant, externally funded research program, along with an equal commitment to outstanding teaching at both the undergraduate and graduate levels. All junior faculty members hired in VUChBE (<http://engineering.vanderbilt.edu/chbe/>) and VUEECS (<http://engineering.vanderbilt.edu/eecs/>) in the past decade have received prestigious young investigator awards, such as NSF CAREER, PECASE, and DARPA CSSG. VINSE is the nucleus for nanoscale materials and device research at VU, and offers access to comprehensive and state-of-the-art core facilities. This opportunity is part of the School of Engineering's strategic direction in 'Energy and Natural Resources' and coincides with the construction of a new building slated for occupancy during the summer of 2016. Ranked in the top 20 nationally, Vanderbilt University is a private, internationally renowned research university located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee. Its ten distinct schools share a single cohesive campus that includes a co-located medical center and nurtures interdisciplinary activities. **Applications should be submitted electronically to <https://academicjobsonline.org/ajo/jobs/3047> and must include: a cover letter with names and contact information of at least three references, a CV, a statement of research, and a statement of teaching philosophy.** Applications received prior to 15 November 2013 will receive priority in evaluation. Vanderbilt University is an affirmative action/equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty. Women and minorities are especially encouraged to apply.

JOINT FACULTY POSITION IN CHEMICAL AND BIOMOLECULAR ENGINEERING AND BIOMEDICAL ENGINEERING AT VANDERBILT UNIVERSITY

The Departments of Chemical and Biomolecular Engineering and Biomedical Engineering at Vanderbilt University (VUChBE and VUBME) invite applications for a tenured/tenure-track faculty position. VUChBE/VUBME seeks an outstanding candidate who can synergistically leverage our interdisciplinary environment, including our co-located School of Medicine and College of Arts and Science, to establish a leading research program that applies engineering approaches to enhance tissue regeneration. Applicants must demonstrate the ability to develop a vibrant, externally funded research program, along with an equal commitment to outstanding teaching at both the undergraduate and graduate levels. All levels will be considered, but senior candidates with translational research interests and the credentials to lead joint initiatives between engineering and medicine are particularly invited to apply. This opportunity is part of an interdisciplinary Vanderbilt research thrust in 'Medicine and Health' and leverages a new building, combining engineering and medicine in an integrated way among shared, open-format research space and projected for occupancy in summer of 2016. VUChBE (<http://engineering.vanderbilt.edu/chbe/>) and VUBME (<http://engineering.vanderbilt.edu/bme/>) exist at the scientific and geographic interface of Vanderbilt's research and clinical departments of its renowned medical center,

making it an ideal location for engineering research in translational regenerative medicine and tissue engineering. Ranked in the top 20 nationally, Vanderbilt University is a private, internationally recognized research university located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee. Its ten distinct schools share a single cohesive campus that nurtures interdisciplinary activities. Furthermore, interdisciplinary institutes including the Vanderbilt University Institute of Imaging Science (VUIIS), Vanderbilt Institute of Chemical Biology (VICB), and Vanderbilt Institute for Nanoscale Science and Engineering (VINSE) offer access to comprehensive and state-of-the-art core facilities. **Applications should be submitted electronically (<https://academicjobsonline.org/ajob/jobs/3013>) and must include: a cover letter with names and contact information of at least three references, a CV, a statement of research and a statement of teaching philosophy. Applications received prior to 01 November 2013 will receive priority in evaluation.** Vanderbilt University is an affirmative action/equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty. Women and minorities are especially encouraged to apply

FACULTY OPENING, CLARKSON UNIVERSITY

The Department of Chemical and Biomolecular Engineering seeks a tenure-track faculty member who will contribute to the educational, research, and service activities of the Department. We expect the incumbent to develop a nationally recognized research program that provides graduate and undergraduate students with significant research experiences as well as teaching courses within the Department's undergraduate curriculum. The incumbent must have a doctoral degree in Chemical Engineering or a closely related engineering discipline, an outstanding academic record and a demonstrated commitment to excellence in undergraduate and graduate education, be capable of establishing a strong international research reputation, and have research expertise in one of Clarkson's research focus areas: Environment and Energy, Bioscience and Bioengineering, and Advanced Materials. We would expect the successful candidate to have a record of significant publications in high level journals. Post-doctoral experience is desirable but not required. Prior experience in development of successful grant proposals would be desirable. The successful candidate must be able to complete essential classroom functions. Clarkson is committed to complying with the guidelines set forth under the Americans with Disabilities Act. **Qualified persons may apply at <https://clarkson.peopleadmin.com/hr/postings/1548>.** An equal opportunity/affirmative action employer, Clarkson University actively seeks and encourages applications from minorities, women and people with disabilities..

TENURE-TRACK ASSISTANT PROFESSORS UNIVERSITY OF SOUTH CAROLINA

BIOMEDICAL ENGINEERING PROGRAM AND THE NIH-FUNDED CENTER OF BIOMEDICAL RESEARCH EXCELLENCE (COBRE): CENTER FOR DIETARY SUPPLEMENTS AND INFLAMMATION

The University of South Carolina College of Engineering and Computing invites applications for two tenure-track faculty positions at the rank of Assistant Professor. Successful candidates will be appointed as core faculty within the Biomedical Engineering program and will become part of the Center for Dietary Supplements and Inflammation (<http://cobre.med.sc.edu/> and <http://camcenter.med.sc.edu/>). This NIH-funded Center for Biomedical Research Excellence (COBRE) is an integrated University-wide center involving faculty members from the College of Engineering and Computing, School of Medicine, College of Pharmacy, School of Public Health, and College of Arts and Sciences. The COBRE for Dietary Supplements and Inflammation was established to pursue multidisciplinary research to discern how dietary supplements can modulate inflammation to prevent and/or treat disease. Outstanding applicants working in the area of inflammation with incentive to incorporate dietary supplements within their research are encouraged to apply. Areas of research specialization include but are not limited to: elucidation of molecular events that occur during disease-associated inflammation, establishment of computational models to describe and predict inflammatory molecular interactions, development of quantitative measures for inflammation-associated molecular interactions, development of new diagnostic or imaging techniques for studying inflammation in cellular or animal models, and design of novel materials for delivery of dietary supplements. Applicants must have a PhD and postdoctoral experience in a relevant field of engineering or computing and a record indicating exceptional potential for research in an area of biomedical engineering relevant to the COBRE effort. The successful candidates will establish an externally funded (NIH R01 or equivalent) interdisciplinary research program of national and international prominence and demonstrate dedication to graduate and undergraduate education

within the Biomedical Engineering program. Appointed faculty will receive strong mentorship from senior faculty associated with the COBRE effort. Appointed faculty will also be eligible to apply for funds from the NIH COBRE grant unless supported by major independent funding, current or past, such as NIH R01 or K99/R00. Appointed faculty who receive NIH R03, R21 or smaller grants are still eligible to apply for COBRE funding. The successful candidates will be affiliated with the Biomedical Engineering degree program, which is administered by the College of Engineering and Computing in collaboration with the School of Medicine. Primary appointments will be within the Dept. of Chemical Engineering or the Dept. of Mechanical Engineering. The Biomedical Engineering program offers BS, MS, and PhD degrees and currently supports over 250 undergraduate and graduate students and a faculty comprising 12 core and over 20 affiliated members spanning the College of Engineering and Computing, College of Arts and Sciences, and School of Medicine. **Applicants should submit with their letter of application, a curriculum vitae, research and teaching plans, and contact information for at least three references. Applications should be submitted electronically to BiomedFac-Search@cec.sc.edu.** The search will begin immediately and continue until positions are filled. The University of South Carolina is an EOAA Employer and encourages applications from women and minorities and is responsive to the needs of dual career couples.

THE UNIVERSITY OF MISSISSIPPI, DEPARTMENT OF CHEMICAL ENGINEERING

seeks assistant professor. Opportunities exist for collaborating with the School of Pharmacy, Center for Manufacturing Excellence, National Center for Natural Products, and National Center for Physical Acoustics. A tenure track position with teaching and research responsibilities: Core undergraduate and graduate Chemical Engineering courses; (2) building research, obtaining funding, and publishing. A doctorate or equivalent in Chemical Engineering or closely related field and at least one engineering degree is required. Visit the department at <http://www.engineering.olemiss.edu/chemical/>. **Must apply at www.jobs.olemiss.edu.** The University of Mississippi is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer.



Tenure-Track Position

The Department of Chemical and Petroleum Engineering in the Schulich School of Engineering at the **University of Calgary** invites applications for a position with expertise in the following areas:

Thermodynamics, Modeling/Simulation

Petroleum Fluids Phase Behavior

Energy Applications

Tenure-track Assistant Professor Position

The successful candidates will establish a strong research program, supervise graduate students, teach a range of undergraduate and graduate courses and attract external funding to support research activities.

Applicants must possess a PhD in Chemical or Petroleum Engineering, or related fields or be within 6 months of their doctoral thesis defense and be eligible for registration as a professional engineer with the Association of Professional Engineers and Geoscientists of Alberta.

For full posting details, please visit:
<http://schulich.ucalgary.ca/chemical/about/employment>

The review of applications will begin January 15, 2014, and continue until the position is filled.
All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents of Canada will be given priority. The University of Calgary respects, appreciates and encourages diversity.

ENVIRONMENTAL ENGINEERING FACULTY POSITION, UNIVERSITY OF NOTRE DAME.

The Department of Civil and Environmental Engineering and Earth Sciences, University of Notre Dame, invites applications for a tenure-track position in Environmental Engineering. Qualified candidates at all levels will be considered, including endowed chair, with hiring rank and tenure status commensurate with academic accomplishments. Examples of research areas include, but are not limited to: microbiological aspects of water quality and treatment, membrane processes for water treatment and reuse, molecular tools for microbial community analysis, micropollutants in water and wastewater, natural organic matter and its effects on water quality and treatment, environmental effects of nanoparticles/nanoengineering, and fate and transport of heavy metals and actinides. The department has a unique blend of environmental engineering and environmental geoscience faculty, and has outstanding research facilities. Current research strengths include biofilms and biofilm processes, environmental nanoscience and technology, environmental microbiology, environmental surface chemistry, environmental geochemistry and geomicrobiology, groundwater hydrology, environmental and computational fluid mechanics, and environmental actinide chemistry and mineralogy. Information about the department can be found at <http://www.ceees.nd.edu/>. We seek individuals with dynamic and highly innovative research agendas that may cross traditional disciplinary boundaries. Candidates with a Professional Engineering (PE) license, or willingness to obtain one, are encour-

aged to apply. Qualifications include a Ph.D. in civil or environmental engineering or related field. Candidates are expected to exhibit dedication to excellence in research, teaching, and professional service. **The application package should include a cover letter addressing preparation for this position, curriculum vitae, a statement of research and teaching interests, and names and contact information of at least three references. Applications should be uploaded directly, as a single PDF file, to: <http://ceees.nd.edu/positions-available-environmental-engineering>.** Please direct any questions to Prof. Robert Nerenberg, Chair of the Environmental Engineering Search Committee (enveng@nd.edu), Department of Civil and Environmental Engineering and Earth Sciences, 156 Fitzpatrick Hall, University of Notre Dame, Notre Dame, IN 46556-0767. Review of applications will begin November 1, 2013, but applications will be accepted until the position is filled. University of Notre Dame is committed to diversity and equality in education and employment, and women and members of underrepresented minority groups are strongly encouraged to apply.

FACULTY POSITION IN CHEMICAL ENGINEERING AT CALIFORNIA BAPTIST UNIVERSITY

The College of Engineering invites applications for a full-time tenure-track position in Chemical Engineering to begin August 2014. The successful candidate will be responsible for teaching a wide range of courses in chemical engineering and for helping to develop the new chemical engineering curriculum and laboratories. This individual will have a passion for teaching and working with undergraduate students. Industrial and teaching experiences are highly desirable. **An application for the position must be submitted electronically at www.calbaptist.edu/faculty, and more information about specific requirements can be found at that site.**

FACULTY POSITIONS IN THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE AMERICAN UNIVERSITY OF SHARJAH

Applicants for faculty positions commencing Fall-2014 are invited to submit their documents (cover letter, CV, research statement, teaching statement) via e-mail to (soeche@aus.edu).

Applicants must have a Ph.D. in chemical engineering, show evidence of a significant research portfolio, and demonstrate excellence in teaching. Particular areas of interest are separation processes, numerical methods, kinetics and catalysis, waste management, and environment. Further information can be obtained from <http://www.aus.edu>.

ASSISTANT/ASSOCIATE PROFESSOR OREGON STATE UNIVERSITY SCHOOL OF CHEMICAL, BIOLOGICAL, AND ENVIRONMENTAL ENGINEERING

The School of Chemical, Biological and Environmental Engineering (CBEE) at Oregon State University seeks to fill a 9.0 month, tenure-track position in chemical process design and engineering, beginning September 16, 2014. This position requires a B.S. degree in Chemical Engineering, a Ph.D. degree in Chemical Engineering or closely-related field, and professional experience in process design. Responsibilities include developing and teaching

courses in capstone chemical process design at the undergraduate level, and develop a research program that complements the existing strengths of the School. **To review the posting, remaining duties and qualifications, and apply, please go to <http://oregonstate.edu/jobs> and search for posting #0011404.** To be assured full consideration, applications should be received by December 31, 2013; however, the position will remain open until filled. OSU is an AA/EEO employer. As an institution of higher education and as a community of scholars, we are committed to the elimination of discrimination and the provision of equal opportunity in education and employment. An important part of this effort is to encourage qualified women, persons of color, persons with disabilities, and veterans to apply.

FACULTY ADVERTISEMENT UNIVERSITY OF COLORADO (WWW.COLORADO.EDU/CHE)

The Department of Chemical and Biological Engineering is seeking to make one or more hires at the assistant, associate or full professor levels. Candidates with interests in research areas will be considered. Applications are particularly encouraged in biological, energy and materials-related areas, which align with the Department's participation in campus initiatives including the Biofrontiers Institute, the Renewable and Sustainable Energy Institute, and the Materials Science and Engineering program. **Applicants should go to <https://www.colorado.edu/chbe/people/chbe-faculty-positions> for information on submitting their applications. Review of applications will begin in November 2013.** The University of Colorado (Boulder) is an Equal Opportunity Employer committed to building a diverse workforce. We encourage applications from women, racial and ethnic minorities, individuals with disabilities and veterans. Alternative formats of this ad can be provided upon request for individuals with disabilities by contacting the ADA Coordinator at (303) 492-1334.

FACULTY OPENING ARTIE MCFERRIN DEPARTMENT OF CHEMICAL ENGINEERING TEXAS A&M UNIVERSITY

The Artie McFerrin Department of Chemical Engineering at Texas A&M University (<http://che.tamu.edu/>) invites applications for multiple tenured or tenure-track faculty positions at the assistant professor, associate professor, or professor rank, depending upon qualifications. For senior positions, candidates with a proven funding record and excellent academic credentials are encouraged to apply. The area of expertise is open; however, energy and healthcare are of particular interest. The successful applicant is expected to develop and maintain an excellent research program leading to national and international recognition and to teach and mentor undergraduate and graduate students. University and professional service at the highest level is expected of the candidates, in particular of the senior candidates. Candidates applying for these positions must have a PhD, with at least one degree (BS or PhD) in chemical engineering or a closely related field. The department has a 205,000-ft² facility, with 27 full-time tenured/tenure-track faculty positions, 140 graduate students, and over \$27 million in endowments. The research expenditure



UNIVERSITY OF MARYLAND

Applications and nominations are invited from outstanding individuals for a tenure-track position in the Department of Chemical and Biomolecular Engineering (chbe.umd.edu). Successful applicants will have a Ph.D. in Chemical Engineering or a related discipline; additional postdoctoral experience is desirable. We seek the best possible candidates, irrespective of research field or academic rank. Each appointee will be expected to establish an imaginative, vibrant, and well-funded research program that will serve to educate graduate and undergraduate students and advance the field as well as contribute to the teaching of undergraduates and graduate courses within the department. Depending on qualifications and experience, the successful candidate at the full professor level may be appointed as the Robert Franklin and Frances Riggs Wright Distinguished Chair in Chemical Engineering.

A cover letter, curriculum vitae, statement of research & teaching interests, and names of three professional references (Company/Agency/Institution, phone & email addresses) should be submitted electronically to: cjobs.umd.edu; position number 119527. For best consideration, submit application by Dec. 5, 2013; the position will remain open until filled. Questions about the position can be directed to the Search Chair, Professor Ray Adomaitis, at adomaitis@umd.edu or (301)-405-2969.

The University of Maryland, College Park, actively subscribes to a policy of equal employment opportunity and will not discriminate against any employee or applicant because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry or national origin, marital status, genetic information, or political affiliation. Minorities and women are encouraged to apply.

for FY 2012 was approximately \$10 million. Applications must include the following: (1) curriculum vita (including demonstrated research and teaching successes), (2) statement of research and teaching plans, (3) three copies of selected publications, and (4) names of five references. **Electronic submissions are preferred and should be sent to the following e-mail address: arulj@mail.chc.tamu.edu. The cover letter should be addressed to: Professor Arul Jayaraman, Chair of Faculty Search Committee, Artie McFerrin Department of Chemical Engineering, 3122 TAMU, Texas A&M University, College Station, TX 77843-3122.** Applications will be reviewed continuously until the positions are filled. Candidates from under-represented groups are strongly encouraged to apply. The members of Texas A&M Engineering are all Affirmative Action/Equal Employment Opportunity Employers. It is the policy of these members that in all aspects of operations each person shall be considered solely on the basis of qualifications, without regard to race, color, sex, religion, national origin, age, disabilities or veteran status.

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN COMPUTATIONAL SYSTEMS BIOLOGY OPEN RANK POSITION

The Institute for Genomic Biology in partnership with the Colleges of Liberal Arts and Sciences and Engineering at the University of Illinois at Urbana-Champaign invite applications for a full-time tenure-track/tenured faculty position at the Assistant, Associate, or Full Professor level. We seek applicants who will build a strong research program that applies computational methods to problems in systems and/or synthetic biology. **Please visit <http://go.illinois.edu/computational> to view the complete position announcement and application instructions. For full consideration, applications must be received by December 1, 2013.** Illinois is an AA-EOE. (www.inclusiveillinois.illinois.edu).

TENURE-TRACK ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE

Stevens Institute of Technology announces a tenure-track faculty opening in the Department of Chemical Engineering and Materials Science (CEMS) starting August 1, 2014. As a leading academic department at Stevens, CEMS has its research centered on problems broadly related to energy, health, and defense that are closely aligned with the ten-year strategic plan of the Institute. Applicants should have a Ph.D. in Chemical Engineering, Materials Science and Engineering, or closely related disciplines. While all relevant areas will be considered, priority will be given to candidates with research interests in sustainable energy or innovative healthcare solutions. Successful applicants will be expected to develop strong extramurally funded research and show a clear commitment to both graduate and undergraduate education in an interdisciplinary environment. The search targets applicants for the rank of assistant professor but applications for higher ranks will also be considered, depending on the candidate's experience, record of accomplishments, 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 long-term professional goals, a description of teaching interests, and contact information for at least three references. **Applicants can apply for this position at <http://www.apply2jobs.com/Stevens>.** Stevens Institute of Technology is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

PURDUE UNIVERSITY SCHOOL OF CHEMICAL ENGINEERING

The School of Chemical Engineering, Purdue University, invites candidates at the Full Professor rank for the Maxine Spencer Nichols Professorship in Chemical Engineering. A distinguished record of accomplishment and national recognition in an area of research relevant to the modern chemical engineering discipline, and a Ph.D. or equivalent doctoral level degree in Chemical Engineering or closely related field are required. The successful candidate will develop independent and collaborative research programs and will teach undergraduate and/or graduate level courses. Two additional open faculty positions, in any area related to chemical engineering and in the formulation and downstream processing of pharmaceutical biologics, are also available at the Assistant, Associate or Full Professor rank for outstanding individuals with a Ph.D. or equivalent doctoral level degree in Chemical Engineering or closely related field. The successful candidates will have distinguished academic records, will develop independent research programs and will teach undergraduate and/or graduate level courses. For senior applicants, an excellent reputation in the field of specialty is required. **Nominations may be sent to Arvind Varma, Head, School of Chemical Engineering, at avarma@purdue.edu. Applicants should complete the online application form at <https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications> and include curriculum vitae, statement of teaching and research interests, and the names and addresses of four references.** Review of applications will begin November 1, 2013 and continue until the positions are filled. A background check will be required for employment in all positions. Purdue University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce.

UNIVERSITY OF WASHINGTON DEPARTMENT OF CHEMICAL ENGINEERING, 1 FACULTY POSITION

The Department of Chemical Engineering at the University of Washington invites applications or nominations for a full-time tenure-track faculty position to begin September 16, 2014. The Department is seeking candidates at the level of Assistant or Associate Professor. The department is growing and currently has a core group of 18 research and tenure-track faculty, 80 graduate students, 140 undergraduates, and 15 Post Doctoral Research Associates. Additional information about the department can be found at <http://www.cheme.washington.edu/>. The University of Washington is investing in Molecular Engineering and Science (see <http://www.moles.washington.edu/>) and recently launched a Clean Energy Institute (see <http://cei.washington.edu/>). Chemical Engineering plays a leading role in the development of the educational

and research programs in both Institutes. University of Washington faculty engage in teaching, research, and service. Applicants are expected to describe plans for creating innovative and high quality research and teaching programs that integrate molecular and nanoscale principles throughout their activities. Successful candidates will demonstrate outstanding potential for high impact research as judged, in part, by their publication record in an area that broadly supports our campus initiatives. Applicants must have earned a PhD, or foreign equivalent, by the date of appointment. **Please apply online at https://www.engr.washington.edu/facsearch/apply.phtml?pos_id=133 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.** For any administrative issues related to the search, please contact Kate Flynn (chechair@uw.edu). For informal or technical inquiries, contact Search Committee Chair Prof. François Baneyx (chechair@uw.edu). Applications received on or before December 15, 2013, will be given priority consideration. The position will remain open until filled. 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.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Chemical and Biomolecular
Engineering

Faculty Positions

The Department of Chemical and Biomolecular Engineering at the Hong Kong University of Science and Technology is inviting applications for two tenure-track faculty positions at Assistant Professor rank although higher ranks may be considered for truly outstanding individuals. Applicants should have a PhD degree in chemical engineering or a related field. All research areas will be considered but preference will be given to process systems engineering for one of the positions.

The successful candidates are expected to be able to develop strong, independent and innovative research programs, and be capable of teaching chemical and biomolecular engineering courses at both undergraduate and postgraduate levels.

The salary is highly competitive with generous fringe benefits. Initial appointment at Assistant Professor rank will normally be on a three-year contract, renewable subject to mutual agreement. A gratuity will be payable upon successful completion of contract. Senior appointment terms are subject to negotiation in accordance with the University's appointment policy.

Applications including a curriculum vitae, research and teaching plans, and the names and contact information of three referees should be sent to: Professor Ka Ming NG, Chair of Search and Appointments Committee (email: cbmhire@ust.hk), Department of Chemical and Biomolecular Engineering, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong. Review of applications will start in December 2013 and will continue until suitable appointments are made.

For further details about the Department and its current research activities, please refer to www.cbme.ust.hk.

(Information provided by applicants will be used for recruitment and other employment-related purposes only.)

UNIVERSITY OF CALIFORNIA, BERKELEY DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING ASSISTANT PROFESSOR

The Department of Chemical and Biomolecular Engineering (CBE) at the University of California, Berkeley, seeks applicants for a tenure-track position at the assistant professor level beginning in Fall 2014 in any research area within chemical and biomolecular engineering. The minimum qualification required for the position is the completion of all degree requirements except the dissertation in chemical engineering or a closely related discipline, and should have a PhD or equivalent by date of hire. Applicants should submit a cover letter, curriculum vitae, proposed research program, teaching statement and provide three letters of recommendation. **Application materials should be submitted electronically through our web-based system at: <http://aprecruit.berkeley.edu/apply/JPF00251>.** All recommendation letters will be treated confidential per University of California policy and California state law. Please refer potential referees to the UC Berkeley statement of confidentiality: <http://apo.chance.berkeley.edu/evalltr.html>. Application material must be received by December 2, 2013. For more information, contact Professor Berend Smit at berend-smit@berkeley.edu. The University of California is an Equal Opportunity/Affirmative Action Employer. UC Berkeley is committed to diversity in all aspects of our mission and to addressing the family needs of faculty, including dual career couples and single parents.

ASSISTANT PROFESSOR DEPARTMENT OF CHEMICAL ENGINEERING MASSACHUSETTS INSTITUTE OF TECHNOLOGY

The MIT Department of Chemical Engineering (<http://web.mit.edu/cheme/>) invites candidates for faculty positions starting July 2014 or thereafter. Appointment will be at the assistant or untenured associate professor level. Candidates must have a Ph.D. in chemical engineering or a related field by the start of their employment period. Candidates with research and teaching interests in all areas relevant to the field of chemical engineering will be considered. The successful candidate is expected to advise students, and develop and teach chemical engineering courses at both undergraduate and graduate levels, as well as to develop a sponsored research program and be involved in service to MIT and the profession. **Interested candidates should submit application materials electronically at <https://chemefacsrch.mit.edu>. Each application must include: a curriculum vitae; the names and addresses of three or more references; a strategic statement of research interests; and a statement of teaching interests. It is the responsibility of the candidate to arrange for reference letters to be uploaded at <https://chemefacsrch.mit.edu/letters/>.** Please address questions to ChemE-Search-Master@chemefacsrch.mit.edu. Responses received by December 1, 2013, will be given priority. With MIT's strong commitment to diversity in engineering education, research and practice we especially encourage minorities and women to apply. MIT is an Equal Opportunity/Affirmative Action employer.

THE UNIVERSITY OF ALABAMA DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING TENURE/TENURE-TRACK FACULTY POSITIONS AVAILABLE

The Department of Chemical and Biological Engineering at The University of Alabama invites applications for two tenure-track faculty positions consistent with building on the strengths of our existing faculty (<http://che.eng.ua.edu/people/>). Candidates will be considered for appointment at the assistant or associate professor level based on experience and qualifications. The department is benefiting from the College and University's rapid expansion in enrollment and facilities including completion of the fourth building in the \$300 million Engineering and Science Complex in Summer 2013. These buildings provide over 900,000 square feet of state-of-the-art research and instructional space, the majority of which is devoted to the College of Engineering. Applicants must have a doctorate in chemical engineering or a closely related field. Applicants are strongly encouraged to submit a resume, statement of research, and teaching interests, and a list of at least three references as soon as possible. Applications will be accepted and reviewed continuously until the positions are filled. A start date as early as May 2014 is possible. **Electronic submission of application materials is required. Please apply at facultyjobs.ua.edu/postings/0808626 (Requisition 0808626).** For additional information regarding this search, please contact Dr. Eric Carlson, chair of the faculty search (ecarlson@eng.ua.edu). The University of Alabama is an Equal Opportunity Affirmative Action Employer. Women and minorities are encouraged to apply.

AUBURN UNIVERSITY, ASSISTANT/ASSOCIATE/FULL PROFESSOR SAMUEL GINN COLLEGE OF ENGINEERING DEPARTMENT OF CHEMICAL ENGINEERING

ASSISTANT/ASSOCIATE/FULL PROFESSOR: The Auburn University Department of Chemical Engineering invites applications for three (3) tenure track faculty positions. These tenure track appointments are to become effective in August 2014. The department seeks outstanding candidates who have a Ph.D. in chemical engineering, petroleum engineering, or a closely related discipline. The areas of expertise are open; however the individuals selected for these positions will be expected to contribute to the growth of at least one of the department's strategic focus areas: energy and environment, advanced materials, advanced manufacturing, and biomedical engineering. The successful candidates will demonstrate excellence in research and teaching in the area of chemical engineering. Desired qualifications include a strong record of scholarly publication, an ability to attract externally sponsored research funding, and an ability to effectively teach undergraduate and graduate courses. Rank and salary are commensurate with experience and qualifications. **A detailed description of the positions and the qualifications is found at the Chemical Engineering Department website <http://eng.auburn.edu/programs/chen/>. Review of applications will begin December 1, 2013. <http://aufacultypositions.peopleadmin.com/postings/234>.** Auburn University is an Affirmative/Equal Opportunity employer and encourages minorities and women to apply for these positions.

SCHOOL OF CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING UNIVERSITY OF OKLAHOMA, FACULTY POSITION OPENING ASSISTANT PROFESSOR (TENURE-TRACK)

The School of Chemical, Biological and Materials Engineering (CBME) at The University of Oklahoma invites applications for a tenure track faculty position at the assistant professor level with an expected starting date in Fall, 2014. Candidates with research expertise in all fields will be considered, but the School is particularly interested in computational research expertise which strengthens existing programs in catalysis, biofuels, interfacial phenomena, and applied surfactant research. Candidates must hold an earned doctorate in chemical engineering or closely related discipline. Salary will be commensurate with experience and qualifications. Successful candidates will be committed to excellence in both research and education, and they will function effectively in a multidisciplinary research environment. CBME offers competitive startup packages, exciting opportunities for research collaboration, and a supportive environment for new faculty. **Candidates should send a resume, description of research plans, teaching and outreach interests, and names of three references via email to: cbme@ou.edu.** Applications will be reviewed until candidates are selected and recommended for appointment. The University of Oklahoma is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.

FACULTY POSITIONS IN THE DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING UNIVERSITY OF CALIFORNIA, RIVERSIDE

The Department of Chemical and Environmental Engineering at the University of California at Riverside invites applications for one tenure-track and one tenured position in the field of advanced materials and devices for green/renewable energies. Applications are especially encouraged from individuals with research interest in the development of first principles methods for materials design and screening, and in the synthesis of nanostructured materials catalyzing carbon recycling and energy generation and storage. Applicants should have a distinguished academic record, an exceptional potential to conduct world-class research, and a strong commitment to teaching chemical and environmental engineering and materials science and engineering classes at both the undergraduate and graduate levels. A doctoral degree in chemical engineering, materials science and engineering or a related field is required at time of employment. **Details for the submission of the application materials are available at www.engr.ucr.edu/facultysearch.** Full consideration will be given to applications received by January 1, 2014. Applications will continue to be received until the positions are filled. EEO/AA employer.

TO PLACE A RECRUITMENT AD

CONTACT:

Denise DeLuca Mallon,
Global Recruitment Sales Manager
at 646-279-2149 or denid@aiche.org