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POSITIONS OPEN

RESEARCH FELLOW - PROCESS ENGINEER IFF - UNION BEACH, NJ

Identifies and develops strategically significant technical solutions in consultation with senior technical management. The outcome of this work will be product/process technologies that provide IFF with new opportunities for profitable growth. This position requires an expert level understanding of unit operations and materials needed for product/process research in the area of flavor and fragrance delivery systems. This includes planning and execution of complex technical projects related to the design, development, and scale-up of new process technologies. The ability to propose and evaluate possible innovations based on a combination of technical and business understanding is expected. The incumbent will be expected to have a legacy of technical creativity and demonstrated ability to lead cross-functional projects of significant size and scope. Required Skills: PhD in Chemical Engineering and 5-10 years industrial research experience, or MS degree in Chemical Engineering with 10-15 years of appropriate technical experience; advanced technical knowledge and proven conceptual ability; subject matter expert in one or more unit operations used for delivery systems (spray drying, fluid-bed coating, melt extrusion, etc.); demonstrated ability to propose and initiate investigation into new technical areas. **Apply at:** <http://www.iff.com/careers/career-opportunities.aspx>

ACADEMIC OPENINGS

FACULTY POSITION IN CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY

The Department of Chemical and Biomolecular Engineering at Vanderbilt University (VUCBE) invites applications for a tenured/tenure-track faculty position that is open to any rank. We seek an outstanding candidate with demonstrated expertise in the areas of nanotechnology, energy, and/or biomolecular engineering who can synergistically leverage our strong interdisciplinary environment to establish a leading research program that applies engineering approaches to solve key societal problems. 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. VUCBE (<http://engineering.vanderbilt.edu/chbe/>) is located within a 4 min walk of Vanderbilt's other engineering and science research departments as well as the clinical departments of its renowned co-located medical center, facilitating interdisciplinary engineering research with potential translational impact. Furthermore, numerous interdisciplinary centers and institutes across the campus (<http://research.vanderbilt.edu/centers-institutes/>) offer access to comprehensive, state-of-the-art core facilities. 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, which has been named the “it” city by *Time* magazine. The School of Engineering currently comprises 90 tenured and tenure-track faculty, operates with an annual budget of over \$100 million, including \$70 million from externally funded research, and serves over 1,300 undergraduate and nearly 500 graduate students. In the 2014 rankings of graduate engineering programs by *U.S. News & World Report*, the School ranks in the top three among programs with fewer than 100 faculty and has risen steadily in the rankings over

the past 10 years. **Applications should be submitted electronically (<https://academicjobsonline.org/ajo/jobs/4316>) 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 November 1, 2014 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 POSITIONS MISSISSIPPI STATE UNIVERSITY

The Dave C. Swalm School of Chemical Engineering at Mississippi State University invites applications for tenure-track faculty positions at the Assistant, Associate, or Full Professor level, with the appointments to begin August 16, 2015. Applicants must have a B.S. degree in Chemical Engineering, with a Ph.D. in Chemical Engineering or a related field. Candidates at the Full Professor level will be eligible for the Southern Ionics Chair. The successful candidate will develop an externally funded research program and demonstrate excellence in teaching. The School is especially interested in candidates with interest in MSU's core research areas of computational methods, advanced materials, energy, and biotechnology. The Dave C. Swalm School of Chemical Engineering is housed in a state-of-the-art building dedicated to Chemical Engineering. The School currently enrolls over 400 undergraduate and graduate students and annually conducts over \$4M in externally funded research. Mississippi State University is located in Starkville, Mississippi, a vibrant college town located in Northeast Mississippi. More information about the Dave C. Swalm School of Chemical Engineering can be found at www.che.msstate.edu. **Applicants should apply via the MSU employment website (www.jobs.msstate.edu) and include a detailed vita, a statement of research and teaching interests, and the names and addresses of three references.** Review of applications will begin on December 1, 2014, and continue until the position is filled. ABD may apply. MSU is an EOE and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, status, protected veteran status, or any other characteristic protected by law. Females and minorities are encouraged to apply.

POSITION ANNOUNCEMENT: RIEVESCHL OHIO EMINENT SCHOLAR IN MEMBRANE SCIENCE AND TECHNOLOGY CHEMICAL ENGINEERING, COLLEGE OF ENGINEERING AND APPLIED SCIENCE, UNIVERSITY OF CINCINNATI

The Chemical Engineering Program of the University of Cincinnati invites candidates to apply for the endowed Rieveschl Ohio Eminent Scholar in Membrane Science and Technology position. This position provides exciting challenges and opportunities to build an internationally recognized research and educational program in the general area of membranes. The candidate is expected to lead the development of innovative scholarly programs in membranes, build joint ventures, attract significant funding, and strengthen partnerships with industries. **Candidates should apply through the following link: www.jobsatuc.com. The position number is: 214UC9410.** The University of Cincinnati is an affirmative action/equal opportunity employer/M/F/Vet/Disabled. UC is a smoke-free work environment.



COLUMBIA | ENGINEERING

The Fu Foundation School of Engineering and Applied Science

Faculty Positions in the Department of Chemical Engineering

Columbia Engineering is pleased to invite applications for faculty positions in the Department of Chemical Engineering at Columbia University in the City of New York. Applications at the Assistant professor, and in exceptional cases, at the Associate professor and Full professor levels, will be considered.

Applications are specifically sought in the areas of Systems/Synthetic Biology and Materials Discovery. Candidates must have a Ph.D. or its professional equivalent by the starting date of the appointment. Applicants for the position at the Assistant Professor and Associate Professor without tenure must demonstrate the potential to do pioneering research and to teach effectively. Applicants for this position at the tenured level (Associate or Full Professor) must have a demonstrated record of outstanding research accomplishments, excellent teaching credentials and established leadership in the field.

The successful candidate is expected to contribute to the advancement of their field and the department by developing an original and leading externally funded research program, and contributing to the undergraduate and graduate educational missions of the Department. Columbia fosters multidisciplinary research and encourages collaborations with academic departments and units across Columbia University. These positions particularly seek candidates whose research focus intersects with the field of data science and can take full advantage of the Institute for Data Science and Engineering at Columbia. The Department is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.

For additional information and to apply, please see: <http://engineering.columbia.edu/faculty-job-opportunities>. Applications should be submitted electronically and include the following: curriculum-vitae including a publication list, a description of research accomplishments, a statement of research and teaching interests and plans, contact information for three experts who can provide letters of recommendation, and up to three pre/reprints of scholarly work. All applications received by November 30, 2014 will receive full consideration.

Applicants can consult www.cheme.columbia.edu for more information about the department.

Columbia is an affirmative action/equal opportunity employer with a strong commitment to the quality of faculty life.

ETH zürich

Professor of Process Intensification

The Department of Mechanical and Process Engineering (www.mavt.ethz.ch) at ETH Zurich invites applications for the above position at all ranks [Assistant to Full Professor]. Applicants should demonstrate an excellent international record of research accomplishments in engineering and/or natural sciences and, in particular, transport phenomena. They should have a strong motivation and undisputable commitment to undergraduate and graduate student education. The successful candidate is expected to establish an ambitious, world-class program in a research-intensive, cross-disciplinary environment at the Institute of Process Engineering where state-of-the-art research in characterization, analysis, and synthesis is ongoing. Excellent research and teaching lab facilities are being established across ETH Zurich (including the initiative with IBM Zurich Research Laboratories). Furthermore, the Swiss research and industrial landscape offers extraordinary opportunities, particularly in pharma, food, biotech, and energy.

Candidates should hold a PhD in process engineering, chemical engineering, or a related field. The successful candidate will be expected to teach undergraduate level courses [German or English] and graduate level courses [English].

Please apply online at
www.facultyaffairs.ethz.ch.

Applications should include a curriculum vitae, a list of publications, and a statement of future research and teaching interests. The letter of application should be addressed to the **President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 15 December 2014.** ETH Zurich is an equal opportunity and family friendly employer and is further responsive to the needs of dual career couples. We specifically encourage women to apply.

THE ENGINEERING SCIENCE DEPARTMENT AT TRINITY UNIVERSITY in San Antonio, Texas, is accepting applications for a tenure-track assistant professor position from qualified chemical engineers with a keen interest in both undergraduate education and research. **Please refer to www.engr.trinity.edu for detailed information on the position, the Department, and how to apply.** For additional information please contact Dr. Farzan Aminian at faminian@trinity.edu.

AUBURN UNIVERSITY, DIRECTOR OF THE ALABAMA CENTER FOR PAPER AND BIORESOURCE ENGINEERING RESEARCH OR TENURE-TRACK ASSISTANT/ASSOCIATE/ FULL PROFESSOR, SAMUEL GINN COLLEGE OF ENGINEERING DEPARTMENT OF CHEMICAL ENGINEERING

Director of the Alabama Center for Paper and Bioresource Engineering: The Auburn University Department of Chemical Engineering invites applications for the position of Director of the Alabama Center for Paper and Bioresource Engineering. The director will play a key role in pursuing the missions of the Auburn Pulp and Paper Foundation and will provide leadership to the pulp and paper research and manufacturing community. The director is expected to lead research and education in the pulp, paper and biorefining engineering areas and allied disciplines. The director is responsible for the research and educational programs of the center at both the graduate and undergraduate levels. The academic rank for this director and associated faculty position (tenure-track or non-tenure track) will be commensurate with the successful candidate's qualifications and experience. The successful candidate will demonstrate a strong commitment to excellent administration and leadership in research, teaching, and outreach. Experience within the paper and bioresource arena is desired. Rank and salary are commensurate with experience and qualifications. The candidate must have a Ph.D. (or equivalent experience) in Chemical Engineering, other engineering or forest products related disciplines. A detailed description of the position and the qualifications is found at the Chemical Engineering Department website <http://eng.auburn.edu/programs/chen/>. Review of applications will begin October 1, 2014. **<http://aufacultypositions.peopleadmin.com/postings/680>.** Auburn University is an Affirmative Action/Equal Opportunity Employer. It is our policy to provide equal employment opportunities for all individuals without regard to race, sex, religion, color, national origin, age, disability, protected veteran status, genetic information, or any other classification protected by applicable law.

THE SCHOOL OF CHEMICAL ENGINEERING, PURDUE UNIVERSITY, seeks outstanding individuals at Assistant, Associate, or Full Professor rank with a Ph.D. or equivalent doctoral level degree in Chemical Engineering or closely related field. Candidates should have a distinguished academic record, exceptional potential to conduct world-class research, and a commitment to educate and mentor students. The successful candidates will conduct original research, advise graduate students, teach undergraduate and graduate level courses, and perform service both at the School and University levels. Candidates with experience working with diverse groups of students, faculty, and staff and the ability to contribute to an inclusive climate are particularly encouraged to apply. The School of Chemical Engineering at Purdue University has experienced significant growth in the past decade and has a strong faculty core engaged in all areas of Chemical Engineering as well as significant interdisciplinary efforts across campus, with other academic institutions, and industrial partners. The College of Engineering at Purdue is currently undergoing extensive growth, with over one hundred faculty position openings being projected over the next five years. For a detailed description of research activities see <https://engineering.purdue.edu/ChE/Research>. **Submit applications online at <https://engineering.purdue.edu/Engr/AboutUS/Employment/Applications>, including curriculum vitae, teaching and research plans, and names of four references.** For information/questions regarding applications contact Marion Ragland, Faculty Recruitment Coordinator, College of Engineering, at ragland@purdue.edu. Review of applications will begin on September 29, 2014 and will continue until the positions are filled. A background check will be required for employment in this position. Nominations may be sent to Dr. Sangtae Kim, Search Committee Chair, at che-faculty-search@ecn.purdue.edu. Purdue's main campus is located in West Lafayette Indiana, a welcoming and diverse community with a wide variety of cultural activities and events, industries, and excellent schools. Purdue and the College of Engineering have a Concierge Program to assist new faculty and their partners regarding dual career needs and facilitate their relocation. Purdue University is an EEO/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, LGBTQ, and veterans are encouraged to apply.

**ASSISTANT/ASSOCIATE PROFESSOR
DEPARTMENT OF CHEMICAL ENGINEERING
VIRGINIA TECH**

The Department of Chemical Engineering at Virginia Tech seeks outstanding candidates for a faculty opening at the Assistant or Associate Professor level, with the rank being commensurate with experience and qualifications. Applicants should have a Ph.D. in Chemical Engineering or a related field, a record of excellence in research, and a commitment to teaching at the undergraduate and graduate levels. Outstanding candidates in any experimental, computational or theoretical area of chemical engineering research are sought. Candidates with research interests in the materials, energy, environment, or biomedical fields would especially complement departmental priorities. The department recently received an \$8.5 million gift to fund professorships and fellowships, and recently moved into Goodwin Hall, the new signature engineering building on the Blacksburg campus. **Interested individuals should apply on-line at <https://jobs.vt.edu> for posting #TR0140118 and submit a curriculum vitae, a statement of teaching interests, research plans, and the name and contact information of three professional references. For more details visit <http://www.che.vt.edu/> or contact: Professor William Ducker at ChESearch@vt.edu.** For full consideration, applications should be received by November 10, 2014. The candidate review process will begin in early November, and 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.

**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, 2015. The Department is seeking candidates at the level of Assistant or Associate Professor, although all ranks will be considered. The department is growing and currently has a core group of 22 research and tenure-track faculty, 11 joint and adjunct faculty, and over 170 undergraduate, 100 graduate, and 25 post doctoral students. Additional information about the department can be found at <http://www.cheme.washington.edu/>. The University of Washington is investing in Molecular Engineering and Sciences (<http://www.moles.washington.edu>) and recently launched a Clean Energy Institute (<http://cei.washington.edu>). Chemical Engineering plays a leadership role in the development of the educational and research programs in both Institutes. We seek candidates in the areas of molecular and nanoscale science and engineering; clean energy; biotechnology and biomedical engineering or any other areas of interest in Chemical Engineering. 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. 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



**2015 SUMMER POSITION FOR
AN ENGINEERING FACULTY MEMBER
with INTEREST & EXPERIENCE IN PUBLIC POLICY**

or

A SCIENCE & TECHNOLOGY PUBLIC POLICY PROFESSIONAL

An outstanding faculty member or policy professional (Faculty-Member-in Residence) is needed to mentor and teach engineering students about the interaction between S&T and policymaking during the 2015 WISE Program in Washington, DC.

WISE is a 9-week summer program (May 31 – August 1, 2015) during which 12-15 undergraduate engineering students work under an FMR's guidance and their sponsoring societies, to learn how legislative & regulatory policy decisions are made, and how engineers can contribute to the process. WISE interns interact with Washington decision-makers, and prepare and orally present an extensive research paper at the end of the program. For more information, visit the WISE web page at www.wise-intern.org.

The WISE FMR will:

- Instruct WISE Interns on the basics of good policy research, writing, and analysis.
- Organize regular visits and discussion sessions with policy decision-makers.
- Supervise students' preparation of a substantial policy paper.
- Be a professional advisor and mentor to the WISE interns.
- Interact with representatives and staff of the engineering societies that sponsor WISE Interns.

Applications will be evaluated based on the following criteria:

- Experience and credentials.
- Knowledge of public policy, especially at the federal level.
- Experience dealing with students and publication of policy papers.

To apply, please send a letter of interest, current vita or resume, and two letters of recommendation addressing the above criteria, to:

WISE FMR c/o Melissa Carl
1828 L Street, N.W., Suite 810
Washington, DC 20036
carlm@asme.org

The FMR receives a stipend of \$15,000. Housing is not included.

For more information contact Melissa Carl (CarlM@asme.org) or Erica Wissolik (e.wissolik@ieee.org).

***** Applications due 31 December 2014 *****

earned a PhD, or foreign equivalent, by the date of appointment. **Please apply online at www.engr.washington.edu/facsearch/apply.phtml?pos_id=154 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 or inquiries related to the search, please contact Shoko Saji Bagwell (chechair@uw.edu). Applications received on or before November 30, 2014, 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. University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to, among other things, race, religion, color, national origin, sex, age, status as protected veterans, or status as qualified individuals with disabilities.

FACULTY POSITION 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 a tenure-track or tenured position in the field of environmental atmospheric science/engineering. Exceptional candidates in all areas of chemical and environmental engineering will be considered, with preference given to those with interdisciplinary expertise in: atmospheric regional air quality (focused on the transport and fate of pollutants), atmospheric Particulate Mass or gas-phase mechanistic modeling, and climate forcing (e.g., Green House Gases, Black Carbon) analysis, ambient studies and/or research instrumentation development in the areas of air quality, climate, and health interactions. 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 engineering or a related field is required

by the start of service. **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 November 28, 2014. EEO/AA/Disability/Vets Employer.

FACULTY POSITIONS (ALL RANKS) - PLASTICS ENGINEERING UNIVERSITY OF MASSACHUSETTS LOWELL

Applicants are invited in the areas of plastics and biomedical product design and manufacturing including but not limited to polymer processing, modeling and simulation, composites and structural product design, new process technologies including additive and novel manufacturing processes, and mold/die tooling and metrology. The Plastics Engineering Department is a leader in its field; we seek the best applicant pool and encourage capable individuals to apply. The University of Massachusetts Lowell has a top-ranked engineering college located near many excellent collaborating institutions and has a strong commitment to growing the research enterprise and increasing diversity in its faculty, staff, and student populations as well as curriculum and support programs. We seek candidates who can contribute to these goals and encourage you to apply and identify your strengths to our mission. Minimum Qualifications: Doctoral degree in Biomedical, Chemical, Manufacturing, Mechanical, Plastics, Polymer Engineering or related area; proven record of research productivity; the ability to work effectively with diverse groups. Preferred Qualifications: Candidate should have a record of publications which demonstrates potential success as a researcher. **For additional information, please submit an application at <https://jobs.uml.edu>. Please submit a cover letter, curriculum vitae, statement of teaching philosophy, research statement, publication list, and the names and contact information of three references. Review of applications will begin January 15, 2015 and continue until the position is filled. However, the position may close when an adequate number of qualified applications are received.** The University of Massachusetts Lowell is an Equal Opportunity/Affirmative Action, Title IX employer. All qualified applicants will receive consideration for employment without regard to race, sex, color, religion, national origin, ancestry, age over 40, protected veteran status, disability, sexual orientation, gender identity/expression, marital status, or other protected class.



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Assistant, Associate or Full Professor Chemical & Biological Engineering

The Department of Chemical & Biological Engineering, University of Wisconsin-Madison invites applications for **two tenure-track/tenured faculty positions at the assistant, associate or full professor level.** Successful candidates are expected to maintain world-class graduate research programs, participate in undergraduate and graduate instruction and engage in university service. Candidates with a Ph.D. and a strong background in chemical or biological engineering or related field with truly outstanding accomplishments in any area of research of importance to chemical and biological engineering will be considered.

For more information, please visit ohr.wisc.edu/WebListing/Unclassified/PVLSummary.aspx?pvlnum=80445

Apply online at facsearch.cbe.wisc.edu

Applications received by **December 1, 2014** will receive full consideration. Women and candidates from groups traditionally under-represented in engineering are strongly encouraged to apply.

LSU

ASSISTANT PROFESSOR (TENURE-TRACK / MULTIPLE POSITIONS)

CAIN DEPARTMENT OF CHEMICAL ENGINEERING
COLLEGE OF ENGINEERING

The Cain Department of Chemical Engineering at Louisiana State University is seeking to fill new tenure-track, Assistant Professor positions in the research areas of "Energy" and the "Environment", with a preferred start date of Fall 2015. We invite outstanding applicants with a doctoral degree in chemical engineering (or closely related field) from a recognized institution, and a proven record of academic accomplishment.

Required Qualifications: Ph.D. or equivalent degree in Chemical Engineering or related field; must be committed to excellence in research and undergraduate and graduate teaching.

Salary will be commensurate with qualifications and experience. An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is January 1, 2015, or until candidates are selected. Apply online and view a more detailed ad at: www.lsusystemcareers.lsu.edu. Position #multipleCHE

LSU is committed to diversity and is an equal opportunity/equal access employer.

TENURE-TRACK POSITIONS AT THE UNIVERSITY OF PITTSBURGH

The Department of Chemical and Petroleum Engineering of the Swanson School of Engineering is seeking one or more outstanding individuals for tenure-track positions at the Assistant Professor level. Candidates must have a Ph.D., or equivalent degree, in Chemical Engineering or a closely related field. It is expected that the successful candidate will continuously contribute to the diversity and excellence of the academic institution through education and research. Faculty are expected to teach a variety of undergraduate and graduate engineering courses relevant to their expertise, develop a strong, externally-funded and internationally-recognized research program, and be involved in service to the University and the profession. The Department is seeking expertise that will immediately contribute to building interdisciplinary research programs that can integrate with existing strengths in healthcare, sustainability, and energy technology. Outstanding candidates in all research areas will be considered; individuals with expertise in systems engineering are particularly encouraged to apply. **Interested applicants should submit a cover letter, a detailed resume, statements describing teaching and research interests and plans, copies of three representative publications, and the names and contact information for at least three references, all in a single PDF file, to che@engr.pitt.edu.** Applications will be considered until all positions are filled. Visit us online at <http://engineering.pitt.edu/chemical> to find out more about the department. The Swanson School of Engineering is in the final stages of a \$120 million renovation of Benedum Hall; successful candidates will be able to benefit from these laboratory and classroom improvements. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.

FACULTY POSITION IN CHEMICAL ENGINEERING AT CALIFORNIA BAPTIST UNIVERSITY

The Gordon and Jill Bourns College of Engineering invites applications for a full-time tenure-track position in Chemical Engineering to begin August 2015. 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.**

ASSISTANT PROFESSOR, DEPARTMENT OF CHEMICAL ENGINEERING MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT)

The MIT Department of Chemical Engineering (<http://web.mit.edu/cheme/>) invites candidates for faculty positions starting July 2015 or thereafter. Appointment will be at the assistant or untenured associate professor level. In special cases, a senior faculty appointment may be possible. Candidates must have a Ph.D. in chemical engineering or a related field by the start of their employment. 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, 2014, 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 DAYTON DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING

invites qualified applicants for a tenure-track faculty position in Chemical Engineering beginning in the Fall 2015 semester at the Assistant or Associate Professor level. For a complete listing of all minimum and preferred qualifications see the position posting on <https://jobs.udayton.edu>. All candidates must have a Doctorate in Chemical Engineering or closely related field and a Bachelor's degree in Chemical Engineering from an ABET Accredited Institution. All candidates will have demonstrated research experience in Chemical Engineering.



LEHIGH
UNIVERSITY

ENDOWED FACULTY CHAIR IN THE ENERGY SCIENCES

The Department of Chemical and Biomolecular 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, 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, and service for a senior appointment.

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.

Candidates should submit 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 <https://academicjobsonline.org/ajo/jobs/4442>. Applications should be addressed to: Professor James Gilchrist, Chair of the Energy Sciences Search Committee, Department of Chemical and Biomolecular 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: www.che.lehigh.edu

Lehigh Valley Inter-regional Networking & Connecting (LINC) is a newly created regional network of diverse organizations designed to assist new hires with dual career, community and cultural transition needs. Please contact infdcap@lehigh.edu for more information.

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender, gender identity, genetic information, marital status, national or ethnic origin, race, religion, sexual orientation, or veteran status. Lehigh University provides comprehensive benefits including partner benefits.

Applicants must have excellent written communication skills and a commitment to teaching. Successful grant proposal writing and undergraduate teaching experience will be considered a plus. Associate Professor applicants must meet additional requirements outlined in the position posting. The successful candidate will be expected to develop an externally funded research program and exhibit a strong commitment to teaching at the undergraduate and graduate levels. The successful candidate will also be expected to develop strong government and / or industrial research collaborations. The primary focus of the Department of Chemical and Materials Engineering is the Bachelor of Chemical Engineering degree. The department also offers M.S. degrees in Chemical Engineering, Bioengineering, and Materials Engineering, and a Ph.D. in Materials Engineering. The successful candidate will have the opportunity to collaborate with faculty members and with researchers from the University of Dayton Research Institute (UDRI). **For full consideration, applicants should submit 1) a cover letter, 2) a C.V., 3) a statement of teaching interests and philosophy, 4) a statement of research plans, 5) all college transcripts, and 6) a list of three references all to <https://jobs.udayton.edu>.** Applications will be accepted through December 31, 2014. The University of Dayton, founded in 1850 by the Society of Mary, is a top ten Catholic research university. The University seeks outstanding, diverse faculty and staff who value its mission and share its commitment to academic excellence in teaching, research and artistic creativity, the development of the whole person, and leadership and service in the local and global community. To attain its



TENURED OR TENURE-TRACK FACULTY POSITION
Chemical Engineering and Materials Science
University of Minnesota

The Department of Chemical Engineering and Materials Science at the University of Minnesota (www.cems.umn.edu) seeks to fill a faculty position at the Assistant (tenure-track), Associate (tenured), or Full Professor (tenured) level, commensurate with experience. Outstanding candidates with a PhD degree in any area related to chemical engineering and materials science will be considered. Candidates should have a distinguished academic and research record and a commitment to teaching in a highly interdisciplinary department.

Applications, consisting of a CV (including a list of publications), a research statement, a teaching statement, and a list of three references with contact information (including email addresses), should be submitted on-line at <https://employment.umn.edu>. Search for requisition number 192740. Review of the applications will begin immediately and continue until the position is filled. The successful candidate will be in place as early as Fall 2015.

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

Catholic and Marianist mission, the University is committed to the principles of diversity, inclusion and affirmative action and to equal opportunity policies and practices. We act affirmatively to recruit and hire women, traditionally under-represented minority groups, people with disabilities and protected veterans. The University of Dayton has received a National Science Foundation ADVANCE grant designed to promote the advancement and representation of women in academics to create a more diverse science workforce.

**FACULTY POSITIONS AT
TEXAS TECH UNIVERSITY**

The Department of Chemical Engineering at Texas Tech University invites applications for three faculty positions at the Assistant Professor level and one \$ 2M Whitacre Endowed Chair in Chemical Engineering, the latter at the level of Full Professor. Applicants must have a Ph.D. degree in Chemical Engineering or a closely related field. Research interests should complement strengths in the department in bioengineering, energy and sustainability, polymers and soft matter, and computational methods/modeling in chemical engineering. Successful candidates will be expected to develop a nationally and internationally recognized and externally funded research program, develop departmental and multidisciplinary collaborations, teach existing graduate and undergraduate courses in chemical engineering and develop new courses, and perform internal and professional service at a level commensurate with rank. **Applicants must apply at the TTU online job application web site at www.texastech.edu/careers; use the following requisition numbers: 1568BR for Whitacre Chair, 1567BR for bioengineering, 1569BR for energy and sustainability, and 1796BR for soft matter.** The application process requires uploading a detailed CV, a statement of research and teaching interests, and the names and addresses of at least three references. Review of applications will begin on November 1, 2014; applications will be accepted until the position is filled. Starting date may be as early as June 1, 2015. Candidates must be currently eligible to work in the United States. Texas Tech University is an Affirmative Action/Equal Opportunity Employer, committed to excellence through diversity. Texas Tech welcomes applications from minorities, women, veterans, persons with disabilities, and dual-career couples.

**UNDERGRADUATE INSTRUCTOR
(NON-TENURE TRACK)
CHEMICAL AND BIOMOLECULAR ENGINEERING**

The Department of Chemical and Biomolecular Engineering at the University of Delaware invites applications for an Instructor position that will have primary responsibility for the instruction and academic advising of the chemical engineering freshman class. The successful candidate will also have responsibility for the administration, technical operation and safety of the undergraduate laboratories, will participate in the teaching of laboratory content, and may be called upon to provide teaching in various advanced undergraduate courses as they relate to process engineering. Essential duties include: co-teaching the Introduction to Chemical Engineering course; coordinating freshman advising with the Undergraduate Academic Advisor; assisting with recruiting and freshman orientation;

administering, maintaining and teaching in the junior and senior laboratory courses; and assisting with preparation for ABET. Candidates should have an advanced degree in Chemical Engineering (or allied field) or a bachelors degree from an accredited program plus significant relevant professional experience, as well as significant teaching experience, documented by a teaching portfolio or other supporting evidence. Candidates should be familiar with ASPEN and Matlab or be willing to learn these packages. The Department is highly ranked nationally and attracts outstanding students, thereby offering a very rewarding teaching experience for the successful candidate. The position is available beginning in the Spring 2015 semester. **For additional information and application procedures please visit the UDJOB website at <http://apply.interfolio.com/26867>.** The University of Delaware is an Equal Opportunity Employer that encourages applications from Minority Group Members, Women, Individuals with Disabilities and Veterans. The University's Notice of Non-Discrimination can be seen at www.udel.edu/aboutus/legalnotices.html

**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 an earned doctorate (Ph.D.) 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 August 2015 is possible. **Electronic submission of application materials is required. Please apply at facultyjobs.ua.edu (Requisition 0809048).** 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.

**THE DEPARTMENT OF CHEMICAL AND
BIOMOLECULAR ENGINEERING AT THE
UNIVERSITY OF CALIFORNIA, BERKELEY**

is recruiting for an Assistant Professor in any research area in the field of chemical and biomolecular engineering with an expected start date of July 1, 2015. **For more information about the position including required qualifications and application materials, go to <http://aprecruit.berkeley.edu/apply/JPF00548>.** The deadline to apply is December 1, 2014. For questions, please contact Professor David Graves at graves@berkeley.edu. The University of California, Berkeley is an Equal Opportunity/Affirmative Action Employer.