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POSITIONS OPEN

RESEARCH SCIENTIST

MI SWACO seeks a Research Scientist to work in Houston, TX: The Research Scientist is responsible for developing new products and technologies that provide M-I SWACO a technical and commercial advantage and provides our customers with unique solutions to technical or operational challenges. Prepare technical communications, bulletins, reports, case histories, technical papers and presentations on new systems and products developed. Must have Bachelor's degree in Chemistry or Chemical Engineering + 7 years' experience with modern materials characterization models and evaluation techniques for materials performance testing in oil field and related energy production environments. 25% domestic travel to client and field offices to present findings on research

projects. Alternatively will accept PhD in Chemistry or Chemical Engineering + 2 years' experience with modern materials characterization models and evaluation techniques for materials performance testing in oil field and related energy production environments. Email resume to: Tjones16@slb.com. Equal employment opportunity employer: M/F/V/D. Must put job code 2014-82140104BP on resume.

ACADEMIC OPENINGS

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

LAFAYETTE
COLLEGE

Lafayette College is a selective, private, liberal arts college of 2,400 undergraduates. Our 110-acre campus is located one and a half hours from both New York City and Philadelphia. Degree programs are offered in the liberal arts, sciences and engineering.

Assistant Professor Chemical and Biomolecular Engineering

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 2015. 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 thirty 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 a 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 October 15, 2014.

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.

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 will be given to candidates with research interests in energy, sustainability, 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 November 25, 2014 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://cbe.rutgers.edu>. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability, protected veteran status or any other classification protected by law.

FACULTY POSITION IN CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY

The Department of Chemical and Biomolecular Engineering at Vanderbilt University (VUChBE) 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. VUChBE (<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.

AICHe Fall 2014 Virtual Career Fair

**Wednesday, November 5, 12-3 pm EST
(Special Student Hour: 3-4 pm EST)**

Recruitment packages include:

- Fully-branded and customized online booth, including the ability to display open positions, videos, benefits information and more
- an account for up to 2 recruiters, with options for more
- promotion of your company through email blasts
- dedicated, personalized account support

Virtual Booths: \$695; Sponsorships, \$1,195 – 2,195 at early-bird rates through October 3. Maximize your investment and reach with a sponsorship.

Contact sales@aiche.org

ETH zürich

Assistant Professor (Tenure Track) of Process Intensification

→ The Department of Mechanical and Process Engineering (www.mavt.ethz.ch) at ETH Zurich invites applications for the above position. Applicants should demonstrate a strong background in engineering and 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 and have an excellent international record of accomplishments. The successful candidate will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

→ This assistant professorship has been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

→ 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.

UNIVERSITY OF KENTUCKY SENIOR FACULTY POSITION IN MEMBRANE SCIENCE AND ENGINEERING

The Department of Chemical and Materials Engineering at the University of Kentucky seeks an outstanding senior-level individual in the area of membrane science and engineering with an anticipated appointment at the level of Professor. Candidates with expertise and experience in all facets of synthetic and bio-inspired membrane science are encouraged to apply, including membrane material science, membrane synthesis, and membrane applications including energy, water treatment and bioseparations. Applicants should have qualifications consistent with a tenured appointment at the level of Professor of Chemical and Materials Engineering, including a Ph.D. in chemical engineering or a related discipline, a history of competitive funding, and an outstanding record of scholarship in the membranes field. Individuals must demonstrate a strong commitment to undergraduate and graduate education and be qualified to teach courses in chemical and materials engineering. The successful candidate will be expected to establish an internationally-recognized research program that complements existing institutional strengths within the UK Center of Membrane Sciences and to provide leadership for cross-campus collaborative initiatives. **Applicants should submit a cover letter that details accomplishments in the membranes field, a current curriculum vitae, a detailed statement of research and teaching interests, and the name of three to five references; these documents can be submitted electronically at <http://www.uky.edu/HR/UKjobs>.** Review of applications will commence immediately and will continue until the position is filled; for full consideration, applications should be submitted by December 1, 2014. For more information regarding this opportunity, please contact Prof. Douglass Kalika, Chair, Department of Chemical and Materials Engineering (douglass.kalika@uky.edu). The University of Kentucky is an Equal Opportunity University. We encourage applications from women, minorities, and all interested and qualified individuals.

ASSISTANT PROFESSOR CHEMICAL AND BIOLOGICAL ENGINEERING PRINCETON UNIVERSITY

The Department of Chemical and Biological Engineering at Princeton University seeks outstanding applicants for a tenure-track appointment at the Assistant Professor level, effective as early as September 1, 2015. The search is open to candidates specializing in any area of chemical engineering, including but not limited to: systems engineering; thermodynamics and statistical mechanics; fluid mechanics and transport phenomena; reaction engineering; and materials. The successful candidate should have a Ph.D. in Chemical Engineering or a related field, demonstrated excellence in academic research, and a strong commitment to teaching and advising undergraduate and graduate students. We seek faculty members who will create a climate that embraces excellence and diversity, with a strong commitment to teaching and mentoring that will enhance the work of the department and attract and retain students of all races, nationalities, and genders. **Candidates must complete an online faculty application at <https://jobs.princeton.edu>; a curriculum vitae,**

detailed descriptions of teaching and research interests, reprints of selected publications, and the names and addresses of at least three references should be attached as .pdf documents to the on-line application. This position is subject to Princeton University's background check policy. Candidates are encouraged to apply by November 3, 2014. Princeton University is an equal opportunity employer. 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.

CALIFORNIA INSTITUTE OF TECHNOLOGY

invites applications for a tenure-track faculty position in the Division of Chemistry and Chemical Engineering at the assistant professor level in the area of chemical engineering. Exceptionally well-qualified applicants at the tenured level may also be considered. Candidates with strong commitments to research and teaching excellence are encouraged to apply. The term of the initial untenured appointment is four years and is contingent upon completion of all requirements for a Ph.D. in chemical engineering or in a related field. **Interested candidate should apply electronically <https://applications.caltech.edu/job/chemeng>.** Candidates unable to apply electronically may submit curriculum vita, publication list, a description of proposed research, and three letters of recommendation to: Chair of the Chemical Engineering Search Committee, M/C 210-41, California Institute of Technology, Pasadena, CA 91125. Applications should be received by December 15, 2014. EOE of Minorities/Females/Protected Vets/Disability.



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.

AIChE Is Looking for an Associate Editor for *Environmental Progress & Sustainable Energy*

Environmental Progress & Sustainable Energy (EP&SE), an official publication of the American Institute of Chemical Engineers (AIChE), in cooperation with its Environmental Division, and published on AIChE's behalf by John Wiley & Sons, is seeking candidates for Associate Editor, Sustainable Energy.

Dedicated to furthering clean and sustainable industrial practices, *EP&SE* covers a broad spectrum of state-of-the-art technologies for pollution prevention, emission control and waste treatment, environmental regulations and compliance, environmental software and book reviews, sustainability and more. For more than 30 years, environmental engineers, professionals and managers have relied on the journal as a premier source of information on environmental developments, case histories, and troubleshooting tips.

The successful candidate for *EP&SE* Associate Editor for Sustainable Energy, should be able to commit to a five-year term with an option for a second-term renewal. He/she will work with Martin Abraham, the current Editor, and with Isabel Escobar, the current Associate Editor, Environment, to pursue growth strategies, to enhance the impact factor, and to improve the turnaround time for submitted articles. The Associate Editor, Sustainable Energy, will enhance contributions in alternate energy technologies, biofuels, CO₂ capture and sequestration, energy efficiency and sustainable biorefineries, working to promote the quality of submissions and enhancing the value for readers. This non-staff position comes with a stipend from AIChE.

The successful candidate should:

- Have extensive experience and a solid reputation in the sustainable energy field
- Be strongly committed to serving the environmental and chemical engineering community through *EP&SE*
- Have impeccable ethical standards
- Demonstrate independence, while working within an established system
- Be able to appreciate the importance of applied chemical engineering to the growth of the profession.

If you are interested in applying for this position, please send an email to the *EP&SE* Editor, with a statement describing your qualifications for the position, a brief resume, and a list of three references.

Martin Abraham
Editor, *Environmental Progress & Sustainable Energy*
EnviroProgress@ysu.edu

Applications should be received by October 15, 2014