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## POSITIONS OPEN

### SENIOR PROCESS ENGINEERS

Richard Design Services, Inc. in Baton Rouge, LA seeks Senior Process Engineers. Qualified applicants will possess a MS in Chemical Engineering or related field and 2 years of experience in the job offered or 2 years of experience in detail process engineering and project management experience in the oil and gas refining industry. In lieu, would accept a BS in Chemical Engineering or related field and 5 years of experience in the job offered or 5 years of experience in detail process engineering and project management experience in the oil and gas refining industry. **Email resume to [Becky.Rozas@rig-rds.com](mailto:Becky.Rozas@rig-rds.com). Resume/cover letter must include job code 0709.**

### DIRECTOR OF CCPS AND CONFERENCE PROGRAMS AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

The American Institute of Chemical Engineers is seeking a Director of CCPS and Conference Programs. The successful incumbent will lead AIChE's Center for Chemical Process Safety (CCPS), including acquisition of new corporate members, execution of CCPS' technical program, and deployment of member support and retention activities. Support AIChE's other process safety initiatives including DIERS, SACHE, and the Safety & Health Division. Oversee Annual, global, and regional conferences of AIChE and CCPS. Establish relationships with key associations, societies, and government entities. Coordinate and leverage with other AIChE departments to identify new opportunities for CCPS and AIChE as a whole. The position-holder is a member of the AIChE Leadership Team. BS or



### Chair, Chemical and Materials Engineering

The Chemical and Materials Engineering Department at the University of Alabama in Huntsville, Alabama is looking for a Chairperson to help the department, the College of Engineering and the University advance our goals in biotechnology education and research, which is an important strategic area for the University.

The successful individual should have an established research record in an area of biotechnology and understand its role within an academic unit offering degrees in chemical engineering. The successful candidate will be expected to provide leadership to advance a campus strategic goal to become a recognized leader in biotechnology education and research. The successful candidate must be willing to and have demonstrated experience to help create and advance innovative ideas that cross disciplinary lines and impact education and research in chemical engineering. The candidate must have a PhD in Chemical Engineering or a closely related engineering discipline to warrant appointment as a tenured Professor in the department. The Chair reports to the Dean of the College, and is responsible for the administration of all programs and budgets in the department.

The Chemical and Materials Engineering Department has six tenured/tenure track faculty with research strengths in thermophysical property measurements, thin films science, biomaterials, gene expression and DNA diagnostics, catalysis, nanostructured materials for energy conversion/storage, etc. Current sources of faculty funding include federal sources such as the MDA, and industrial sources including CFD Research Corporation, Dow Corning, Polaris Sensor Technologies and Ogden Engineering. The department offers the BS (ABET accredited) and MSE degree programs in Chemical Engineering. For the PhD degree, CME students have three pathways including two interdisciplinary programs in materials science, biotechnology science and engineering, and the chemical engineering option through the mechanical engineering program. Several students from the biotechnology PhD program are pursuing their PhD dissertation projects working with scientists at the Hudson Alpha Institute for Biotechnology. The CME department has about 130 undergraduate students and nearly 20 graduate students. At the undergraduate level, the CME department offers students the opportunity to pursue a two elective sequence in bioprocessing and bioseparations. In addition, all students in the CME department take a course that introduces them to a molecular understanding of biological systems.

Please submit applications electronically to [cme-chairsearch@uah.edu](mailto:cme-chairsearch@uah.edu). Complete applications should include a current curriculum vita, a position statement highlighting the applicant's qualifications for the position (including a vision statement of anticipated department leadership), and the contact information for at least three professional references. Preference will be given to applications submitted before August 1, 2014. However, the position will remain open until filled.

ETH zürich

## Assistant Professor (Tenure Track) of Process Intensification

→ The Department of Mechanical and Process Engineering ([www.mavt.ethz.ch](http://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](http://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.

beyond in chemical engineering or related discipline required. MBA or equivalent experience desirable. Relevant industrial or consulting experience of 20 years or more, including at least 15 years in roles with significant operational, technical, or managerial responsibility for process safety and 5 years of P&L responsibility. International work experience and cultural awareness/sensitivity. Excellent communication, interpersonal and public speaking skills. Foreign language skills desirable. Success in building and sustaining customer relationships, marketing, or sales. Success working collaboratively in a matrixed / shared-services environment. Good understanding of AIChE and the workings of its volunteer structure or prior experience working within a similar environment. **Interested candidates may email their resume and cover letter indicating their interest to [recruitment@aiiche.org](mailto:recruitment@aiiche.org).** The American Institute of Chemical Engineers is an Equal Opportunity Employer.

## ACADEMIC OPENINGS

### INDUSTRIAL LIAISON DIRECTOR

CEBC, a leading catalysis research center at the University of Kansas, seeks an accomplished chemist or chemical engineer for Industrial Liaison Director (ILD). This unique position will lead a thriving academic/industry collaboration program, and is an exceptional opportunity to mentor young scientists and engineers. **See full description at <http://employment.ku.edu/staff/1114BR>.** Initial review of applications begins August 1, 2014, continuing until position is filled. 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 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](mailto: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.

### THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF MISSISSIPPI

seeks to fill open tenure track positions at the Assistant Professor level. Responsibilities include teaching core undergraduate and graduate chemical engineering courses, building an externally funded research program, and publishing in peer-reviewed journals. Opportunities exist for collaborating with the School of Pharmacy, Center for Manufacturing Excellence, National Center for Natural Products Research, and National Center for Physical Acoustics. 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/>. **Applicants must apply at [www.jobs.olemiss.edu](http://www.jobs.olemiss.edu).** The University of Mississippi is an EEO/AA/Title VI/Title IX/Section 504/ADA, ADEA employer.

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

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



## Multiphysics Simulation Papers and Presentations

Browse over 700 papers, posters, and presentations from the COMSOL Conference, the world's largest event for multiphysics simulation. At this event, chemical engineers shared their innovative research in areas such as:

- Catalytic oxidation
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[www.aiche.org/cep](http://www.aiche.org/cep) or Circle No. 150 on p.79

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# AIChE®

## 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](mailto: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.*