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**AMERICAN INSTITUTE OF CHEMICAL ENGINEERS  
 DIRECTOR, SOCIETY FOR BIOLOGICAL ENGINEERING**

The American Institute of Chemical Engineers invites applicants to lead the management of and business development activity for the Society for Biological Engineering (SBE) (http://www.iche.org/sbe). The Society for Biological Engineering (SBE), an AIChE Technological Community, is a global organization of leading engineers and scientists dedicated to advancing the integration of

biology and engineering. **Responsibilities:** Grow top line revenue of Society for Biological Engineering (SBE) and implement business models to sustain growth; provide detailed business plans for new initiatives for Executive Team analysis and review; promote and develop entrepreneurial activities in biological engineering and associated domains; develop and lead collations of industry/academia/ and government; collaborate with Boards of SBE to develop and grow value proposition of events and products to serve membership, the profession and society; support conference organizers to develop and implement the technical program, sales (sponsorship/exhibit) and marketing initiatives;

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supervise technical staff for implementation of technical entity products and services; research and develop proposals for funding of technological projects that are important to our members and the community; develop and manage budgets for products and services. **Education/Qualifications:** A minimum of 15 years relevant work experience in biological engineering; technical degree in chemical or bio-related engineering; MBA or PhD or equivalent training desired; broad knowledge of the bio-processing, biomedical, bio-molecular or industrial bio-technology fields; a proven track record of business growth, including developing new business including new products/services and their successful launch implementation; experience in working within a matrix organization and skill at leading teams; outstanding communication and interpersonal skills; prior experience with volunteer organizations a plus; experience in grant writing and development activity a plus. **Interested candidates may email a descriptive letter of interest, including salary requirements, and resume to [recruitment@aiche.org](mailto:recruitment@aiche.org).**

## ACADEMIC OPENINGS

**THE CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT AT TULANE UNIVERSITY** seeks outstanding candidates for a tenure-track position at the rank of Assistant Professor. Exceptional candidates at the Associate Professor rank will also be considered. Competitive applicants will demonstrate research excellence and a commitment to teaching at the undergraduate and graduate levels. Applicants specializing in life sciences or energy research are of particular interest. Tulane's Chemical & Biomolecular Engineering Department is research active, offering B.S., M.S., and Ph.D. degrees. Prominent features of our ongoing departmental expansion include major additions to laboratory and office space in a new chemical sciences building. **Qualifications:** Applicants must hold a doctoral degree in Chemical Engineering or related field and be authorized to work in the United States. **Application Instructions:** Please submit a cover letter outlining your qualifications, vita, research plan, teaching plan, and a list of three references at <https://dossier.interfolio.com/apply/30427>. Tulane University is an equal opportunity/affirmative action/persons with disabilities/veterans employer committed to excellence through diversity. All eligible candidates are encouraged to apply.

### LABORATORY MANAGER CHEMICAL AND BIOLOGICAL ENGINEERING THE UNIVERSITY OF ALABAMA

A laboratory manager is sought at The University of Alabama's Department of Chemical and Biological Engineering, which includes a vibrant undergraduate program and a research-intensive M.S. and Ph.D. program. Under limited direction of the Department Head, the Laboratory Manager will (1) be responsible for maintaining, calibrating and at times operating research equipment and training graduate students in research laboratories, (2) assist in design, construction/set-up, maintenance and planning of undergraduate chemical engineering laboratory courses, working alongside faculty, including teaching and evaluation of data analysis and technical writing associated with laboratory experiments, and (3) develop specialized skills to assist in carrying out work on research with ChBE faculty. The ChBE Laboratory Manager is expected to take a hands-on approach to assisting faculty, graduate and undergraduate researchers, and postdoctoral fellows with technical support for ChBE laboratory classes and research projects. A B.S. degree in chemical engineering or related field is required, with strong preference given to candidates with either a M.S. or Ph.D. in the field and/or industrial experience. The candidate must have strong communication skills and be knowledgeable of common laboratory tools and software. Experience with data collection software, spectroscopy, gas chromatography, chemical reactor and distillations systems, as well as biological instrumentation, is desirable, as is experience with the design and outfitting of laboratory experiments. **Applications should include a detailed resume and cover letter, which cover educational background and experience with experimental systems related to chemical and biological engineering, as well as the names and contact information for three references. The online application is available through <http://staffjobs.ua.edu/?job=499734>.** Direct questions regarding this position to Dr. Chris Brazel, interim department head, at [cbrazel@eng.ua.edu](mailto:cbrazel@eng.ua.edu). The University of Alabama is an Equal Opportunity Affirmative Action Employer. Women and minorities are encouraged to apply.

**ETH** zürich

## Professor or Assistant Professor (Tenure Track) of Process/Chemical Engineering

→ The Department of Mechanical and Process Engineering ([www.mavt.ethz.ch](http://www.mavt.ethz.ch)) at ETH Zurich invites applications for the above-mentioned position at the full, associate or assistant professor level. Applicants should demonstrate an excellent international record of research accomplishments in engineering and/or natural sciences, including 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 new professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

→ An assistant professorship promotes the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional three-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. Lino Guzzella. The closing date for applications is 15 December 2015. 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.