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ACADEMIC OPENINGS

UCLA CHEMICAL AND BIOMOLECULAR ENGINEERING LECTURER/DEVELOPMENT ENGINEER

UCLA Chemical and Biomolecular Engineering Department is seeking a highly qualified and dedicated engineering instructor to run the undergraduate chemical engineering teaching laboratories. The candidate will be responsible for overall supervision of the teaching laboratory including the maintenance of existing experiments and the development of new ones. He/She will train teaching assistants, supervise student experimental work, evaluate student written and oral reports, and provide instruction on laboratory safety, experimental statistics and technical communication. **Please send a resume, a statement of teaching qualifications, and the names and contact information for three references to: Prof. Harold G. Monbouquette, Chair, UCLA Chemical and Biomolecular Engineering Dept., Box 951592, Los Angeles, CA 90095-1592, hmonbouq@ucla.edu.** Evaluation of candidates will begin in March with an appointment expected prior to July 1. The University of California is an affirmative action/equal opportunity employer.

LECTURER WITH POTENTIAL FOR SECURITY OF EMPLOYMENT (LPSOE) OR LSOE (JOB NUMBER 10-369) JACOBS SCHOOL OF ENGINEERING - NANOENGINEERING [DEPARTMENT OF NANOENGINEERING]

The Department of NanoEngineering (<http://ne.ucsd.edu/>), which administers the Chemical Engineering undergraduate and graduate degree programs for the Jacobs School of Engineering, invites applications for Lecturer with Potential Security of Employment (Lecturer PSOE, which parallels the position of an assistant professor on track for tenure) or Lecturer with Security of Employment (Lecturer SOE, which closely parallels a tenured professorial appointment). Candidates should have expertise in undergraduate education in Chemical Engineering, and can provide evidence of effective and innovative teaching. The responsibilities include teaching of core classes, undergraduate laboratory courses, improvement of curriculum, coordination of ABET accreditation activities, development and assessment of new educational initiatives including the application of grants related to the curriculum, and serving as the faculty advisor to the AIChE student organization. Candidates are expected to have a Ph.D. degree or similar advanced graduate degree. Successful candidate will be part of the larger NanoEngineering senate faculty, and within the context, will provide academic guidance, leadership, and innovation for the Chemical Engineering undergraduate program. We encourage candidates to send applications as soon as possible. Faculty applications received by April 15, 2012 will be given full consideration. UCSD and the Jacobs School of Engineering are committed to advancing diversity, equity and inclusion. Added consideration will be given to candidates with experience in equity and diversity with respect to: teaching, mentoring, research, life experience, or service toward building an equitable and diverse scholarly environment. The level of appointment will commensurate with qualifications and experience in conformance with the University of California policies. Salary is commensurate

with qualifications based on University of California pay scales. **To Apply: Please send: 1. a letter of interest; 2. curriculum vitae including the list of publications and professional activities; 3. a statement of teaching experience, including a summary of leadership efforts; 4. the names and email addresses of 3 references; 5. personal statement summarizing past or potential contributions to diversity (see <http://facultyequity.ucsd.edu/Faculty-Applicant-C2D-Info.asp> for further information). All applicant materials including referee info should be submitted via UCSD Academic Personnel On Line Recruit at <https://apol-recruit.ucsd.edu/>. Closing Date: April 15, 2012. UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.**



CCPS Content Manager

AIChE is seeking an experienced process safety professional to support its Center for Chemical Process Safety (CCPS). The successful candidate will implement technical projects, outreach, and membership development programs in support of CCPS' mission to eliminate process safety incidents. Key activities will include developing e-learning, book, web, and other content. This position will also have responsibility for developing CCPS membership activities and programs in Europe, Asia, or South America. The successful candidate will have a technical degree, a clear passion for process safety and, at least 10 years in a role with direct process safety experience. In addition to broad process safety knowledge and deep specific knowledge in several technical areas, the candidate should have experience in developing and presenting training, be an excellent writer, highly organized, and have excellent interpersonal skills. Because this position will be located remotely from the AIChE main office in New York, the candidate must be able to work independently while staying focused on mission and goals.

For more information, contact recruitment@aidche.org

The American Institute of Chemical Engineers is an Equal Opportunity Employer.

**PERDUE UNIVERSITY
SCHOOL OF CHEMICAL ENGINEERING**

The School of Chemical Engineering, Purdue University, seeks outstanding individuals at Assistant, Associate or Full Professor rank with a Ph.D. degree in Chemical Engineering or closely related field. A special emphasis for the search is process systems engineering. Successful candidates will have a distinguished academic record, exceptional potential to conduct world-class research, and a commitment to teach at both the undergraduate and graduate levels. For senior applicants, an excellent reputation in the field of specialty is required. **Nominations may be sent to G. V. Reklaitis, chair of the search, at reklaiti@purdue.edu. For consideration, please 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 March 1, 2012 and continue until the position is filled. A background check will be required for employment in this position. Purdue University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce.

**VISIT AIChE'S CAREERENGINEER
JOB BOARD FOR ADDITIONAL
EMPLOYMENT OPPORTUNITIES**
<http://careerengineer.aiche.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. Some of the many positions found on AIChE's targeted chemical industry job board include:

- **Operations Compliance Engineer** – BASF
- **Plant Manager** – Land O Lakes
- **Technical Director** – Novolyte Technologies
- **Sr. Principal Process Engineer, MEMS Electrodeposition** – FormFactor, Inc.
- **Process Control Engineer** – INVISTA
- **Sr. Controls and Instrumentation Engineer** – Xeus
- **Research and Development Engineer, 2012 Ph.D.** – Praxair, Inc.
- **PHA Facilitator** – Provenance Consulting
- **Environmental Engineer** – REC Silicon
- **Commercial Development Specialist** – Air Products and Chemicals, Inc.



**Dr AH Younger
Teaching Professorship in
Hydrocarbon Processing
Tenure-Track Position**

The Schulich School of Engineering invites applications for AH Younger Teaching Professorship position (tenure-track) in the Department of Chemical and Petroleum Engineering.

The Teaching Professorship is designed for a teaching leader in the field of hydrocarbon processing. The successful candidate 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, have 5-7 years of experience in the design or operation of hydrocarbon processing facilities and must be eligible for registration as a Professional Engineering in the Province of Alberta.

Interested individuals are to submit their applications electronically, including a curriculum vitae highlighting industry experience in the field, a statement of teaching interests and accomplishments, and the names of three referees, by **March 31, 2012** to:

Chair, Academic Selection Committee
Dr. A.H. Younger Teaching Professorship
Dean's Office ENC 202
Schulich School of Engineering
University of Calgary
2500 University Drive NW
Calgary, AB T2N 1N4

Email: dean@schulich.ucalgary.ca

The competition will remain open until a suitable candidate is appointed.

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.

TENURED/TENURE-TRACK FACULTY POSITION NEW JERSEY INSTITUTE OF TECHNOLOGY

New Jersey Institute of Technology's Department of Chemical, Biological & Pharmaceutical Engineering seeks outstanding candidates to apply for a faculty position starting in August, 2012. Candidates should have an earned Ph.D., are expected to sustain a significant externally funded research program, and will possess expertise and backgrounds in: Molecular and cellular biology – application to pharmaceutical processes for healthcare; Life Science and Engineering processes including innovative energy production from and storage by cellular systems. **Applications must be submitted on-line at www.njit.jobs. Posting # 0600798, job name "CBPE12-1".** Questions: Dr. Norman Loney; loney@njit.edu. AA/EOE.

FACULTY OPENING PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE

The Faculty of Engineering at the Pontificia Universidad Católica de Chile in conjunction with the University's Faculty of Medicine is calling for applications to fill a vacancy for a full-time professor in the Department of Chemical Engineering and Bioprocesses in the area of food innovation and nutritional health. Duties include undergraduate and graduate teaching, extension activities and research. Candidates must be licensed professional engineers in food science or chemistry and have completed, by the time of hiring, a doctoral degree in engineering science, chemical engineering, bioprocess engineering or food engineering with a research focus on bioavailability of nutrients and/or food technology. The successful candidate will be expected to develop bridges between the two faculties in undergraduate and post-graduate teaching and research, and contribute to the creation of new lines of research and innovation in the areas of food science and health. **Further information and apply at: www.ing.puc.cl/foodinnovation.**

DEPARTMENT HEAD TEXAS A&M UNIVERSITY

The Dwight Look College of Engineering at Texas A&M University invites applications and nominations for the position of head of the Artie McFerrin Department of Chemical Engineering. Candidates must possess a Ph.D. in Chemical Engineering or closely related field with distinguished research and academic records commensurate with the title of tenured full professor; strong communication and leadership skills; the ability to inspire and work with diverse groups; a commitment and interest in reaching out to former students and industries that would enable them to direct continued growth of the department in research excellence and graduate education; and to motivate continued excellence and innovation in undergraduate education. The department, which received a \$10 million endowment in 2005, has 25 tenured/tenure-track faculty members, more than 100 graduate students, and roughly 700 undergraduate students. Its base of endowment support includes two chairs, 10 professorships, one faculty fellowship, nearly 200 undergraduate scholarships, and an active endowment campaign for excellence. **Applications, including a current résumé, list of three references, and a vision statement should be sent via mail or e-mail to: DR. GERARD COTÉ-CHAIR, CHEMICAL ENGINEERING DEPARTMENT HEAD SEARCH COMMITTEE, DEPARTMENT OF BIOMOLECULAR ENGINEERING, TEXAS A&M UNIVERSITY 3120 TAMU, COLLEGE STATION, TX 77843-3120 or CHENDHsearch@bme.tamu.edu.** Call (979) 845-5532 or visit www.che.tamu.edu for additional information. Texas A&M University provides equal opportunity to all persons regardless of race, color, religion, sex, national origin, disability, age or veteran status and encourages applications from members of groups under-represented in engineering.

THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING AT THE SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY

seeks exceptional candidates for a 9-month, tenure-track faculty position at the rank of Assistant, Associate or Full Professor. Preference will be given to candidates with experience and research interest in: Advanced Materials, Bioengineering, Engineering Science, Health and Nutrition, and/or Sustainable Energy and Clean Water Technologies. Exceptional candidates with other research interests will also be considered. Candidates will have an earned doctorate in Chemical Engineering or a closely related discipline at the time of appointment. The Chemical and Biological Engineering Department promotes an outstanding educational environment for students, thus applicants should demonstrate a commitment to excellence in teaching graduate and undergraduate courses. Previous teaching at the university level and industrial experience are highly desirable. It is expected that the successful candidate will initiate and/or sustain

an active externally sponsored collaborative research program. The desired start date is August 22, 2012. Opportunities exist to collaborate with Materials Engineering and Science, Nanoscience and Nanoengineering, and Biomedical Engineering Ph.D. programs on campus. The CBE faculty enjoy a close supporting relationship to the National Science Foundation Industry/University Cooperative Research Center for Bioenergy Research and Development (CBERD, <http://www.bioenergynow.org>), the South Dakota 2010 Center for Bioprocessing Research and Development (CBRD; <http://www.bioprocessingcenter.org>) and the Composites and Polymer Engineering Laboratory (CAPE, <http://cape.sdsmt.edu>). For information regarding the CBE Department visit <http://cbe.sdsmt.edu> and S.D. School of Mines and Technology visit <http://www.sdsmt.edu>. **Individuals interested in this position must apply online at <http://sdsmines.sdsmt.edu/sdsmt/employment>.** Human Resources can provide accommodation to the on-line application process and can be reached at (605) 394-1203. The School of Mines is committed to recruiting and retaining a diverse workforce. Review of applications will begin February 24, 2012 and will continue until the position is filled. Employment is contingent upon completion of a satisfactory background investigation. SDSM&T is an EEO/AA/ADA employer & provider.

ENTERGY CHAIR TULANE UNIVERSITY

The Chemical & Biomolecular Engineering Department at Tulane University seeks senior faculty candidates with an outstanding record of scholarly and educational achievement for the endowed Entergy Chair in Clean Energy Engineering. All areas of energy research are of interest including: clean energy, energy storage, materials for energy, fuel cell technology, biocatalysis, and biofuels. Candidates should have an exceptional record of sustained achievements in research, mentorship, and service. Tulane has undergone a process of renewal with the formation of a new School of Science and Engineering, presenting significant opportunities for collaboration with the physical and life sciences. All faculty members contribute to a vibrant research environment and to strong teaching that features individualized attention. Tulane's Chemical & Biomolecular Engineering Department offers B. S., M. S., and Ph.D. degrees in Chemical Engineering. The Entergy Chair is part of our departmental plans to grow in faculty and student size. Prominent features of our ongoing departmental expansion include major additions to laboratory and office space in a new building, and a substantial research infrastructure featuring state-of-the-art electron microscopy facilities. Applicants must hold a doctoral degree in Chemical Engineering or related field and be authorized to work in the United States. We especially encourage applications from women, underrepresented minorities, and persons with disabilities. Tulane University is an equal employment opportunity/affirmative action/ADA employer committed to excellence through diversity. All eligible candidates are invited to apply. Applications will be reviewed on a continuing basis until the position is filled. **Please send a cover letter outlining your qualifications, vita, research statement, and a list of three references by email to the Entergy Chair Search Committee, Chemical & Biomolecular Engineering Department, 300 Lindy Boggs Center, Tulane University, New Orleans, LA 70118 chemeng@tulane.edu.**

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT THE UNIVERSITY OF NEBRASKA-LINCOLN INVITES APPLICATIONS FOR THE POSITION OF DEPARTMENT CHAIR.

The University of Nebraska-Lincoln has been granting bachelor's degrees in chemical engineering since 1920. The Department of Chemical & Biomolecular Engineering (CHBE) (www.che.unl.edu) was established as a separate department in 1958 and has a tradition of excellence in undergraduate engineering education, graduate education and research. Candidates must have an earned doctoral degree in chemical/biomolecular engineering or a closely related field. Must meet qualifications for appointment as a tenured professor. Please see the department website <http://www.che.unl.edu/search.shtml> for more information and the full official advertisement. **To apply, please go to <http://employment.unl.edu> and complete the Faculty/Administrative Information Form under Requisition #120120 and attach required documents: a leadership statement, a detailed curriculum vitae, a statement of research, teaching philosophy, and contact information (mailing address, phone number, and e-mail address, if available) for three professional references.** Review of applications will begin March 15, 2012 and will continue until the position has been filled. The University of Nebraska has an active National Science Foundation ADVANCE gender equity program, and is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.