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POSITIONS OPEN

THE DOW CHEMICAL COMPANY CHEMICAL ENGINEERS

The Dow Chemical Company is a Fortune 100 company that combines the power of science and technology with the "Human Element" to innovate what is essential to human progress. The Company connects chemistry and innovation with the principles of sustainability to help address many of the world's most challenging problems. In 2010, Dow had annual sales of \$53.7 billion and employed approximately 50,000 people worldwide. Dow is currently seeking chemical engineers who are interested in exciting opportunities in Environmental Health and Safety at our Freeport, Texas site. **For details, please visit:** <https://dow.taleo.net/careersection/10020/jobdetail.ftl?job=1101209> or for general careers information: www.careersatdow.com.

ACADEMIC OPENINGS

FACULTY POSITION IN CHEMICAL ENGINEERING AT ARIZONA STATE UNIVERSITY

The Ira A. Fulton Schools of Engineering at Arizona State University invites applications for a tenured faculty position in the Chemical Engineering program. At the time of hire the successful candidate will have the experience and record of accomplishment commensurate with appointment at the rank of full professor. The successful candidate will complement and add to the program's foundational strength in chemical engineering education while advancing one or more of its key research areas in energy, biological and biomolecular engineering, transport phenomena, sustainability, and advanced materials. The originality and promise of each candidate's work are higher priorities than the specific area of research. Applicants should have a PhD



We make oil. At Solazyme we have brought together many of the best and brightest people in the world to create an outstanding team that is making a true difference. Why choose food or fuel? Our technology can deliver both from a single source: **algae**.

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If you care about the future and accept our mutual responsibility to preserve the environment, promote health and well being, and contribute to our national security for generations to come. **Come join us....** This is what we do every day at Solazyme. But we can't do it alone. If you are talented and inspired by our mission we encourage you to apply at our Careers Website: www.solazyme.com

Positions Available:

- Director of Process Engineering
- Sr. Process Engineer & Project Engineer/Manager
- Process Development Engineer
- Sr. Strain Development Scientist - Fermentation
- Other positions available – please visit our website

Solazyme is an Equal Opportunity Employer



Tenure-Track Positions University of Calgary

The Department of Chemical and Petroleum Engineering in the Schulich School of Engineering invites applications for tenure-track Assistant Professor and Associate Professor positions in areas including **Petroleum Engineering, Catalysis/Reaction Engineering, Process Control, Carbon Capture (CRC II Chair) and Nanotechnology**.

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 in either Petroleum or Chemical Engineering or be within 6 months of their doctoral thesis defense and be eligible for registration as a professional engineer with the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

For full posting details, please visit:

<http://schulich.ucalgary.ca/chemical/about/employment>

The review of applications will begin June 30, 2011 and continue until the position is filled.

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.

degree in chemical engineering or related fields, and demonstrated excellence in research and strong commitment to teaching. Faculty members are expected to develop and maintain an internationally recognized and externally funded research program, teach graduate and undergraduate courses, advise students, and undertake service activities within the university and in the professional community. ASU is a Research I University with outstanding research facilities and infrastructure support. Located within the metropolitan Phoenix area, the Fulton Schools of Engineering are one of the largest engineering schools in the country with about 7,000 students studying in 14 engineering programs including chemical engineering (<http://engineering.asu.edu/research/programs/che>). The successful candidate will be able to leverage University investments that promote interdisciplinary teaching and research, including the BioDesign Institute (<http://biodesign.asu.edu>) the Global Institute of Sustainability (<http://sustainability.asu.edu>), the Leroy Eyring Center for Solid State Science (<http://lecoss.asu.edu>), and the Flexible Display Center (<http://flexdisplay.asu.edu>) as well as University partners in the Valley of the Sun including Mayo Clinic in Scottsdale, Translational Genomics Institute and Barrow Neurological Institute in Phoenix, and APS STAR Solar Testing Center in Tempe. **Interested candidates should email a letter indicating research and teaching interests and current curriculum vitae including names, telephone, mail and email addresses of three references to ChESearch@asu.edu.** Applications will be reviewed beginning April 1 and continue weekly until the search is closed. For further information, contact the search committee chair, Prof. Jerry Y.S. Lin, at (480) 965-7769 or email: Jerry.Lin@asu.edu. Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.

**Visit AIChE'S CareerEngineer Job Board
<http://careerengineer.aiche.org>
 For Additional Employment Opportunities**

Employers specifically seek AIChE members due to their commitment to professional excellence. Your AIChE Membership gives you the job-seeking advantage. Some of the many positions you'll see on AIChE's targeted chemical industry job board include:

- **Site Capital Leader**
Honeywell
- **Sr. Project Manager**
Progressive Design
- **VP, Engineering & Projects**
Glycos Biotechnologies, Inc.
- **Account Manager, Core Intermediates**
Invista
- **Core Facility Director**
National Institutes of Health
- **Process Safety Engineer**
Chevron Phillips Chemical Company
- **Optical Materials Program Leader**
Dow Corning
- **Industrial Sales Manager**
J. R. Simplot Company
- **Plant Manager**
POET
- **Sr. CVD Process Engineer (Glass Coatings)**
Arkema, Inc.

While on the site, be sure to upload your resume FREE for employers to view and contact you. AIChE member resumes are placed at the top of the list for employers to view first.

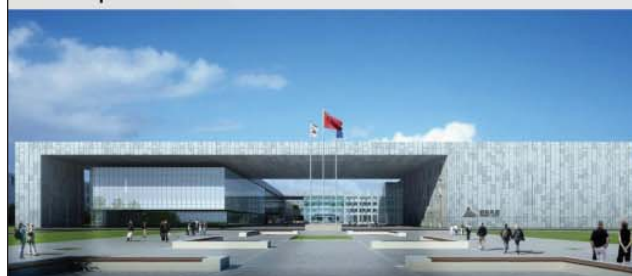


**Immediate Openings at NICE
 (National Institute of Clean-and-low-carbon Energy)
 北京低碳清洁能源研究所**

National Institute of Clean-and-low-carbon Energy is a national institute focused on energy R&D and is located in Beijing. NICE is funded by the Shenhua Group, one of the largest integrated energy companies. NICE is positioning to become a world-recognized institute in the field of clean & low-carbon energy, and is seeking qualified candidates with R&D and/or engineering experience in the following fields:

- Novel routes for conversion and upgrading of coal and biomass to fuels and chemicals
- Novel materials and systems for clean and low carbon energy applications
- State of the art coal power plant design, process optimization, and emission control
- CCS and CO₂ utilization including Enhanced Oil Recovery (EOR)
- Renewable energy and chemicals
- Energy storage

If you are interested in a rewarding career and challenging opportunity please visit our website www.nicenergy.com where you will find details on opportunities with us. To apply, please submit your CV and cover letter via our website, or send e-mail to Opportunities@nicenergy.com. For qualified candidates we offer internationally competitive salaries and benefits.



THE CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT AT TULANE UNIVERSITY

seeks candidates with an outstanding record of scholarly, educational and administrative achievement for Department Chair. 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 as well as with the Tulane School of Medicine. All faculty members contribute to a vibrant research environment and to strong teaching that features individualized attention. Funding from all major federal agencies is represented in the departmental research portfolio. Our department plans to grow in faculty and student size. Major additions to laboratory and office space for the department and the Entergy Chair in Clean Energy Engineering are key features of those expansion plans. The department chair will be in a unique position, helping design a department and university that is distinctive in its objectives of research, educational excellence, public service and mission to support a city of great historical importance. Applicants must hold a doctoral degree in Chemical Engineering or related field and be authorized to work in the U.S. We especially encourage applications from women, minorities and persons with disabilities. Tulane is an affirmative action, equal opportunity employer. Applications will be reviewed on a continuing basis until the position is filled. **Please send a cover letter outlining your vision, vita and 5 references**

(by post or email) to Department Chair Search Committee, Chemical & Biomolecular Engineering Department, 300 Boggs Building, Tulane University, New Orleans, LA 70118. chemeng@tulane.edu.

MONTANA TECH OF THE UNIVERSITY OF MONTANA, DIRECTOR, CENTER FOR ADVANCED MINERAL AND METALLURGICAL PROCESSING

Minimum qualifications include a Ph.D. in a relevant science or engineering discipline plus at least 7 years of technical and personnel management experience in an academic or industrial research setting. Equivalent education and experience may be considered in lieu of the doctoral requirement. This position includes defense department work with security restrictions; therefore, foreign applicants who are neither a U.S. citizen nor a permanent resident (green card holder) may not be eligible for the position (depending on country of citizenship). **For more information and to apply visit www.mtech.edu/employment.**

UNIVERSITY OF NORTH DAKOTA DEPARTMENT OF CHEMICAL ENGINEERING

Invites applications for a tenure-track Assistant Professor position beginning August 2011. B.S. and Ph.D. degrees in chemical engineering or closely related field and experience in computational fluid modeling with the ability to support a modeling-based research program are required. A

passion for teaching excellence in core chemical engineering undergraduate and graduate courses is necessary. Applied industrial experience, strong communications skills and experience in sustainable energy will be positive selection factors. Applications accepted until the position is filled with screening beginning March 15, 2011. **Application details found at <http://www.und.edu/dept/sem/che/>.**

GENEVA COLLEGE CHEMICAL ENGINEERING FACULTY

Geneva College invites applications for a tenure-track faculty position in Chemical Engineering; rank and salary commensurate with qualifications and experience. This position will teach undergraduate chemical engineering courses, assist in serving a growing number of engineering students, support a new concentration in environmental engineering, and perform with flexibility in the interdisciplinary environment of a general engineering program. This position begins August 2011. **A complete job posting and application process can be found on our website, www.geneva.edu/page/faculty_positions.** An intercollegiate Tuition Waiver program is part of our generous salary and benefit package.

FACULTY – CHEMICAL ENGINEERING MCKETTA DEPARTMENT OF CHEMICAL & BIOPROCESS ENGINEERING

Trine University invites applications for a full-time assistant professor beginning in August 2011. A Ph.D. in Chemical Engineering or closely related field is required. Significant industrial or teaching experience is preferred. High quality teaching is our first priority. Faculty members are expected to engage in professional development activities and develop appropriate industrial contacts. Please refer to our website for more details. www.trine.edu/about_trine/employment_opportunities/. **Applicants are asked to submit a letter of interest, CV, Statement of Teaching Philosophy, copies of transcripts and three letters of recommendation to: wagnerj@trine.edu. EOE/m/f.**



THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

Head of the Department of Chemical and Biomolecular Engineering

The Hong Kong University of Science and Technology (HKUST) is seeking a head for the Department of Chemical and Biomolecular Engineering (CBME) in the School of Engineering. HKUST is a leading research university in Asia and it has been ranked in the top 50 universities category for technology by the Times Higher Education Supplement for the past three years. CBME, as the only chemical engineering department in Hong Kong, conducts comprehensive teaching and research programs in both basic and applied aspects of Chemical & Biomolecular Engineering. The Department offers three undergraduate programs in Chemical Engineering, Chemical and Environmental Engineering and Chemical and Bioproduct Engineering and our faculty has research activities in the areas of advanced materials, bioengineering, environmental science and engineering, and process systems engineering. Currently the Department has 15 full time faculty members and with an enrollment of some 250 undergraduate and around 60 postgraduate students.

With the University's transition from a three-year to a four-year undergraduate curriculum in 2012, the Department is expected to experience a rapid growth in the next few years. For more information, please visit the University and Department websites available on <http://www.ust.hk/> and <http://www.cbme.ust.hk/> respectively.

Applications/nominations for the position are invited from well-qualified and accomplished scholars. In addition to an extensive teaching and research experience, the successful candidate must have demonstrated leadership qualities necessary to lead and manage the Department in its diverse academic and administrative functions. Proven capacity to interact effectively with government, industry and commerce is an advantage.

Salary will be highly competitive with generous benefits. Applications/nominations together with detailed curriculum vitae including the names and addresses/fax numbers/email addresses of three referees should be sent to **Professor Mounir Hamdi, Chair of Search Committee for Headship of CBME, c/o School of Engineering, HKUST, Clearwater Bay, Kowloon, Hong Kong** on or before 30 April 2011. Applications and nominations will be treated in strict confidence. For further communication, our e-mail contact is cbmedh@ust.hk.

(Information provided by applicants will be used for recruitment and other employment-related purposes.)

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