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## POSITIONS AVAILABLE

### ADVISORY BUSINESS CONSULTANT

This pre-sales technical support position will assist sales of the aspenONE for Specialty Chemicals solutions, including batch recipe modeling, steady-state process simulation, batch distillation simulation, and solubility modeling. The position is located in the Northeast territory. Responsibilities: management level solution presentations, technical product presentations, s/w demos, business benefit case analysis, communicating the alignment between client needs and our capabilities, s/w evaluation support, planning and coaching for s/w rollout. Qualifications: Min. 8-10 yrs process development exp. @ 30% domestic travel. Aspen Tech is an EEO/AA employer. Please forward a resume to [christie.fischer@aspentech.com](mailto:christie.fischer@aspentech.com)

### CHEMICAL INCIDENT INVESTIGATOR

The Chemical Safety and Hazard Investigation Board has posted new investigator positions at their website [www.csb.gov](http://www.csb.gov). To apply please visit our website and apply before 12/31/2007.

### ALASKA PROCESS OR INSTRUMENTATION & CONTROLS ENGINEERS

Entry, mid & senior level. Experience in all petrochemical systems phases. Performs Hysis and/or Pro II computer simulations. Experience developing, managing P&IDs and providing quality control. Experience generating process equipment specs, line lists, & PSV audit files. Writes standard operating procedures & instructs field personnel. Experience completing SIL verification. Requires experience directing & coordinating related process control disciplines. Arctic experience preferred. Requires remote location travel.

Apply on-line at [www.asrcenergy.com](http://www.asrcenergy.com).

### AMERICAN INSTITUTE OF CHEMICAL ENGINEERS AND CENTER FOR CHEMICAL PROCESS SAFETY, ASIA-PACIFIC MANAGER

AICHE is looking for an individual to lead the expansion of AIChE and CCPS in the Asia-Pacific Region. Individual will manage operations and provide technical support for AIChE and CCPS Asian initiatives, leveraging regular contacts between CCPS sponsor representatives, AIChE international members, and other customers. Work with AIChE/CCPS team members to implement strategies to meet organizational goals as well as: Lead an aggressive campaign to attract new sponsors for CCPS in the

## McGill University



### FACULTY POSITIONS IN THE DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at McGill University invites applications for two tenure-track appointments at the level of Full, Associate or Assistant Professor. We are looking for applicants with a chemical engineering background conducting research on advanced materials or energy; however any excellent candidate with a background in chemical engineering will be considered. The successful candidate will be expected to participate in teaching at both the undergraduate and graduate levels and to develop a successful research program. Applicants must be eligible for membership in a professional engineering licensing body.

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities and others who may contribute to further diversification. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

Applications will be reviewed starting on January 1, 2008 and will continue until the positions are filled. Send a resume, the names of three references and a brief research and teaching plan to the address below or by email to: [jean-luc.meunier@mcgill.ca](mailto:jean-luc.meunier@mcgill.ca), or to the following address: Professor J.-L. Meunier, Department of Chemical Engineering, McGill University, 3610 University Street, Montreal (QC), Canada H3A 2B2.



### DEVELOPMENT ENGINEER

**RICERCA BIOSCIENCES, LLC**, a provider of services to the pharmaceutical, agrochemical and specialty chemical industries is seeking experienced BS/MS Chemical Engineers to work in our Process Development and Engineering Group. The qualified individuals will be responsible for the lab-scale development/pilot-scale demonstration of process technology for the manufacture of new chemical-based products. The individual will work with chemists, engineers and technicians in a highly interactive team environment to analyze, plan and implement challenging and complex projects. The ideal candidate should be highly motivated with experience working in a team environment; have strong presentation and problem solving capabilities; and have demonstrated success in prior positions responsible for the development and scale-up of synthetic organic chemistry products. Experience in cGMP and APIs a plus. Interested individuals please send your resume:

#### RICERCA BIOSCIENCES

7528 Auburn Road

Concord, OH 44077

FAX: 1-440-350-7923

E-MAIL: [Baldwin\\_J@ricerca.com](mailto:Baldwin_J@ricerca.com).

Please reference job #111407PDE.

# COLLEGE OF ENGINEERING ALFAISAL UNIVERSITY

Riyadh, Saudi Arabia

**Alfaisal University** is a private, not-for-profit, research university, comprised of the Colleges of Engineering, Science and General Studies, Medicine, and Business, and will commence its programs in Fall 2008. The language of instruction is English and modern learning outcomes, paradigms and technologies are used. The university was founded by King Faisal Foundation along with organizations such as Boeing, British Aerospace, Thales, and King Faisal Specialist Hospital & Research Center, which serve on its Board of Trustees.

**The College of Engineering** will offer undergraduate and graduate programs in the following disciplines and areas: **ELECTRICAL** (power, communications, signal processing, electronics, photonics, remote sensing and geodata analysis), **COMPUTER** (intelligent systems, language and speech, computer systems, computation), **MECHANICAL** (applied mechanics, thermo/fluid engineering, product creation), **AEROSPACE** (propulsion, aerospace systems, transportation, system dynamics and control), **MATERIALS** (materials processing, materials properties and performance, polymers, nanoscience and technology), **CHEMICAL** (catalysis, reactor design, separations, design-systems). All programs have been developed by renowned scholars from leading universities in the U.S. and the U.K., and are designed to be qualified for accreditation according to U.S. and U.K. standards and requirements.

**Alfaisal Engineering seeks candidates** for the following positions, commencing in August 2008: **FOUNDING SENIOR FACULTY** (with research, instructional, and administrative responsibilities), **RESEARCH SCIENTISTS** (academics with research focus), **LECTURERS** (academics with instructional focus), **POST-DOCS** (Doctoral degree holders with research focus), **INSTRUCTORS** (Master's degree holders with instructional focus), and **ENGINEERS** (Bachelor's degree holders). Attractive salary and start-up support is provided. Queries and applications should be sent to [engnr\\_recruiting@alfaisal.edu](mailto:engnr_recruiting@alfaisal.edu). The subject line should specify the discipline, area, position, and the announcement reference. The deadline for applications is 31 December 2007. Interviews for leading positions will be conducted in January and February 2008 in Cambridge, MA, USA, and Cambridge, England, U.K.

region; assure the needs of the existing sponsors are met, including providing limited technical support; train and support regional CCPS sections and help identify additional trainers to support their programs; support, participate, and present at relevant symposia in the region; represent CCPS and AIChE with government organizations and the press; build and cultivate relationships with other relevant societies in the region; oversee, develop, and enhance the CCPS course catalog and AIChE ventures related to process safety training; assist AIChE volunteers in the establishment of local sections; determine market for new AIChE and CCPS conferences in the region, and establish new conferences as appropriate; conduct in-house sales of key products. Education/Experience: BS in chemical engineering or related discipline required. MBA, advanced technical degree or equivalent experience desirable; 15 years of relevant industrial, consulting, or government experience, including demonstrated expertise in all aspects of process safety; broad experience in the region; business management and negotiation skills; knowledge and experience with contracts, licensing agreements and intellectual property protection; excellent interpersonal, public speaking & training skills; experience in building and sustaining customer relationships; experience and understanding of volunteer organizations. Please note: position/office to be located in Asia-Pacific Region—location to be determined. **If qualified and interested please send resume with salary requirements to: [recruitment@aiche.org](mailto:recruitment@aiche.org), Attention: Human Resources.**

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## EDITOR, *PROCESS SAFETY PROGRESS*

*Process Safety Progress* (PSP), a publication of the American Institute of Chemical Engineers (AIChE), is seeking candidates for Editor. Published quarterly, on behalf of AIChE's Safety and Health Division by John Wiley & Sons, PSP is a premier source of information and technology for accident prevention and investigation, case histories, troubleshooting, hazard and risk evaluations, strategies for dealing with on-site emergencies, government regulations, and many other process-safety-related topics. The successful candidate for Editor should be able to commit to a five-year term with an option for a second-term renewal. He/she will be responsible for technical content and editorial direction, with the help of an active Editorial Advisory Board. The Editor should also pursue readership growth strategies by expanding PSP's coverage to emerging areas, such as bio-process safety. This non-staff position comes with a stipend from AIChE. The successful candidate should have the following qualifications: Extensive experience and a solid reputation in the process safety engineering community; impeccable ethical standards; the ability to attract authors and readers and to lead a diverse Editorial Advisory Board, respecting alternative points of view. Editorial experience is a plus. **If you are interested in this position, please e-mail the PSP Editor Search Committee in care of its Chair, Dr. P.C. Gopalratnam, with a statement addressing your vision as PSP Editor, as well as three references. Dr. P.C. Gopalratnam (e-mail: [p.c.gopalratnam@invista.com](mailto:p.c.gopalratnam@invista.com)), PSP Editor Search Committee Chair, INVISTA - Koch Industries.** The deadline for application is March 1, 2008.

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## ACADEMIC OPENINGS

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**THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING, UNIVERSITY OF WISCONSIN-MADISON** seeks outstanding individuals with a Ph.D. and a strong background relevant to chemical or biological engineering. These tenure-track positions will be at a rank commensurate with the qualifications and background of the successful candidates. Candidates should have a distinguished academic record, exceptional potential for creative research, and a commitment to both undergraduate and graduate instruction. For more senior applicants, an outstanding reputation in the field of specialty is a prime requirement. **Applications should be submitted via <http://facsearch.cbe.wisc.edu>.** The Search Committee will begin reviewing applications in October, 2007. Applications received prior to December 31, 2007 will receive full consideration. The University of Wisconsin is an equal opportunity affirmative action employer.



[www.tue.nl/vacatures](http://www.tue.nl/vacatures)

*Eindhoven University of Technology (Technische Universiteit Eindhoven TU/e) in the Netherlands is a research university in the field of engineering science & technology. TU/e offers (pre)graduate engineering and teacher training programs (BSc and MSc), post-graduate technological design (PDEng) and PhD programs and postacademic continuing education. Our courses are research-driven and design-oriented. Both staff and students have modern information and communication systems at their disposal. TU/e co-ordinates several prominent Dutch research schools and institutes and has a strong position within international research networks. TU/e is a natural partner for technology intensive enterprises. The campus is a fertile breeding ground for new business ventures.*

## Full Professor “Sustainable Process Development”

The **Department of Chemical Engineering and Chemistry** ([www.chem.tue.nl](http://www.chem.tue.nl)) is one of TU/e's nine departments. It has approximately 390 employees (360 fte), 13 full professors, about 370 undergraduate students (bachelor and master students), and about 170 graduate students (140 PhD and 30 professional design engineers). The department aspires to be an academic institution for highest standards education and excellent research in the chemical sciences and engineering. The aim is to generate and to develop technology and scientific knowledge relevant for the long-term needs of society. Scientific curiosity and the use of newly generated knowledge are the main driving forces for the continuing enhancements of the three chosen fields of expertise: molecular engineering, materials engineering, and process engineering.

Applications and nominations are invited for the **vacant Chair** on “Sustainable Process Development” at the Department. Appointment will be at the level of full professor.

We seek **candidates** with a relevant academic and/or industrial background with excellent qualities to lead an independent and internationally competitive research group. The Chair is also responsible for the Department's curriculum on process design and process development in the bachelor and master programmes. The candidate should have excellent leadership qualifications, good managerial skills, a strong embedding in (national and international) academic and industrial networks, good fund raising abilities, and a clear vision on how to develop and implement a comprehensive research strategy.

The Chair is expected to establish a high-standard **research program** that is dedicated to the exploration and development of innovative and novel process concepts that are required for future sustainable chemical processes in the process-based industry. Candidates are invited to present a clear outlook on a comprehensive program that

tackles the relevant scientific and technological challenges. This may include new process concepts and routes for the sustainable production of foods, pharmaceuticals and bioproducts, as well as for specialty, bulk and petrochemicals. Possible examples are renewable feedstock based processes, processes with carbon dioxide as feedstock, application of green & clean solvents, and concepts for integration of unit operations in process intensification. Enabling technologies that may be used and developed throughout the program can be membrane separation, reactive separation, microfluidics, computational fluid dynamics, supercritical processing, ultrasound irradiation, photochemical technology, surfactant-based processing, and many others.

We offer an **infrastructure** of the highest standards, including excellent scientific faculty, professional technical staff, and top-level experimental facilities. There are opportunities for the Chair to appoint new faculty in the group. The Chair's **appointment** will be in accordance with the collective agreement on terms of employment for the Dutch universities. Attractive package of benefits and favourable conditions of employment are offered.

Please send **applications** with a detailed curriculum vitae, list of publications, description of teaching experience, and a short outline of planned research to the Dean of the Department: Prof. Dr. J.W. Niemantsverdriet, Department of Chemical Engineering and Chemistry, Eindhoven University of Technology, P.O. Box 513, 5600 MB Eindhoven, the Netherlands, email: [j.w.niemantsverdriet@tue.nl](mailto:j.w.niemantsverdriet@tue.nl).

**The submission deadline is January 15, 2008.**

For **more information** please contact the following members of the Search and Application Committee:  
Prof. Dr. Ir. J.C. Schouten, email: [j.c.schouten@tue.nl](mailto:j.c.schouten@tue.nl), tel. +31 (0)40 247 3088, or Prof. Dr. Ir. A.B. de Haan, email: [a.b.dehaan@tue.nl](mailto:a.b.dehaan@tue.nl), tel. +31 (0)40 247 5259.

**/department of chemical engineering and chemistry**



**THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF SOUTH CAROLINA** seeks to hire several tenure-track faculty members. We are particularly interested in candidates in strategic core areas, including biomedical engineering, fuel cells, computational nanoscience, and polymer nanocomposites. Successful candidates will have demonstrated the ability to develop and conduct independent, cutting-edge research that augments and complements existing departmental expertise. **Applicants must submit a letter of application, a vita, statements of both research and teaching interests, names of three references, and copies of selected publications to the Chair Chemical Engineering Search Committee, Department of Chemical Engineering, University of South Carolina, Columbia SC 29208. Applications may also be submitted electronically to ChemEngSearch@engr.sc.edu.** The Department is particularly interested in receiving applications from traditionally under-represented groups. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified per-


sons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, or veteran status. The University of South Carolina has designated as the ADA Title II, Section 504 and Title IX coordinator, the Executive Assistant to the President for Equal Opportunity Programs. The Office of the Executive Assistant to the President for Equal Opportunity Programs is located in Suite 805 of 1600 Hampton Street, Columbia, SC; telephone 803-777-3854.

#### **ASSISTANT/ASSOCIATE/FULL PROFESSOR CHEMICAL ENGINEERING PROGRAM**

The Chemical Engineering Program of the Department of Chemical, Materials and Biomolecular Engineering at the University of Connecticut invites applications for tenure-track positions at the Assistant, Associate and Full Professor levels. They are expected to establish and maintain an independent, nationally visible research program within the Chemical Engineering

Program, and teach undergraduate and graduate level chemical engineering courses. The successful candidates are also expected to be an active participant in one or more of the interdisciplinary research centers at the University (e.g., the Center for Environmental Sciences and Engineering, the Biotechnology-Bioservices Center, the Institute of Materials Science, the Booth Engineering Center for Advanced Technology and the Connecticut Global Fuel Cell Center). Qualifications: Applicants must have a PhD in chemical engineering or a closely related field. Candidates for senior positions must have a demonstrated research and publication record and must have experience at teaching core courses in the chemical engineering curriculum. All areas of research will be considered however applicants with expertise in thermodynamics, computational methods and optimization are particularly desirable to complement existing faculty expertise in the areas of biomolecular engineering, polymer engineering and alternative energy. Salary and rank will be commensurate with qualifications. **Applicants should submit a curriculum vitae, a 5 – 10 page research plan, a 1 – 3 page teaching plan and at least three references (including name, position, address, phone and email) to: Chemical Engineering Faculty Search, Dept. of Chemical, Materials and Biomolecular Engineering, University of Connecticut, 191 Auditorium Rd., Storrs, CT 06269-3222. Please reference Search #2008181 (Asst/Assoc), 06A227 (Full) or 05A463 (Asst/Assoc).** Review of applications will start immediately and continue until the positions are filled.

**THE DEPARTMENT OF CHEMICAL ENGINEERING AT VANDERBILT UNIVERSITY** invites applications for a faculty position at the Assistant Professor level for Fall 2008. Candidates are expected to contribute to one of three research focus areas: biomolecular engineering, nanotechnology, and energy and the environment. A Ph.D. with a distinguished academic record is required. Responsibilities include teaching undergraduate and graduate courses and leading an externally funded, scholarly research program. Ranked in the top 20



**UNIVERSITY OF WYOMING**  
**COLLEGE OF ENGINEERING AND APPLIED SCIENCE**  
**CAREER OPPORTUNITY**  
**TENURE-TRACK FACULTY POSITION**  
**IN CHEMICAL & PETROLEUM ENGINEERING**

The University of Wyoming's College of Engineering and Applied Science invites applicants for a tenure-track faculty position at the rank of assistant, associate, or professor in its Chemical and Petroleum Engineering department. The position will be affiliated with the University of Wyoming's newly created School of Energy Resources, which facilitates research, teaching and service activities relevant to state, national and international needs in energy-related science and technology. We seek an individual who has a record of well-funded research, and who is interested in applying such research to coal-related technologies, broadly defined. Research topics of interest include, but are not limited to, catalysis, thermodynamics, transport processes, and computational fluid dynamics. The Department offers B.S., M.S. and Ph.D. degrees in chemical and petroleum engineering, and seeks to further grow its undergraduate and graduate programs.

The University of Wyoming is a research university located in Laramie, Wyoming (pop. 28,000), 130 miles northwest of Denver. Laramie is a friendly town offering a reasonable cost of living, and easy access to outdoor activities in the Rocky Mountain region. Additional information on the Department, College, and Laramie is available at <http://wweng.uwyo.edu>, and <http://laramie.org>.

The position's responsibilities include teaching at the undergraduate and graduate levels, developing and conducting productive disciplinary and interdisciplinary research, as well as providing leadership on campus for coal-related research. Teaching loads are commensurate with the expectation of a well-funded research program. The salary is highly competitive.

#### **Required qualifications:**

- Ph.D. in Chemical Engineering, or a closely related field
- Demonstrated record of research productivity

**Applications must include:** 1) a letter of application describing the applicant's qualifications and experience related to the position, 2) curriculum vitae, 3) a statement of research interests as they relate to coal technologies, 4) a minimum of three reference contacts. Review of applications will begin early January 2008 and continue until the position is filled.

#### **Applications should be submitted to:**

Gordon Harris, Chair of Search Committee  
Department of Chemical and Petroleum Engineering  
University of Wyoming  
1000 E. University Ave, Department 3295  
Laramie, WY 82071-2000

#### **Submit electronically to:**

Ms. Heather Warren  
[HWarren@uwyo.edu](mailto:HWarren@uwyo.edu)

The university adheres to the principles of equal employment opportunity and diversity and welcomes applications from qualified individuals, independent of race, color, religion, sex, national origin, disability, age, veteran status, sexual orientation or political belief. We welcome applications from diverse groups, including women and people of color.

nationally, Vanderbilt University is located on 330 park-like acres one and one-half miles from downtown Nashville. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Faculty share a commitment to excellence in teaching at all levels. Interdisciplinary research opportunities exist at Vanderbilt with researchers in many other departments within the School of Engineering, the College of Arts and Science, and the School of Medicine. **Interested persons should send their curriculum vitae, a statement of research and teaching interests, and names and addresses of three or more references to Professor Kenneth A. Debelak, Chair, Assistant Professor Search Committee, Department of Chemical Engineering, Vanderbilt University, VU Station B 351604, 2301 Vanderbilt Place, Nashville, TN 37235-1604 or email: kenneth.a.debelak@vanderbilt.edu.** Women and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

#### THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY


invites applications for a tenure-track faculty position. 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. There are no restrictions on research area for candidates; however, preference will be given to research interests that will complement and strengthen our NSF Engineering Research Center on Structured Organic Particulate Systems (<http://solids.rutgers.edu/ERC/>). 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), or Chair of the Search Committee, Department of Chemical and Biochemical Engineering, Rutgers The State University of New Jersey, 98 Brett Road, Piscataway, NJ 08854-8058. Review of applications will continue until the position is filled. Information about the department can be found at <http://sol.rutgers.edu>. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

#### CHEMICAL AND BIOCHEMICAL ENGINEERING, THE UNIVERSITY OF IOWA

invites applicants for a tenure-track faculty position. Entry level applicants are preferred, but exceptional candidates at higher levels will be considered. Preferred research areas include the biochemical/biological aspects of chemical engineering and other research areas that complement existing strengths. Applicants must have a Ph.D. in chemical engineering or related field. Excellence in research and teaching is essential. **Send CV, names and addresses of at least three references, and research and teaching plans to David G. Rethwisch, Dept. of Chemical & Biochemical Engineering, The University of Iowa, Iowa City, IA 52242 or via email to [david-rethwisch@uiowa.edu](mailto:david-rethwisch@uiowa.edu).** UI is an EO/AAE and strongly encourages applications from women and minorities. (<http://www.engineering.uiowa.edu/~chemeng>).

#### NATIONAL CENTRAL UNIVERSITY, TAIWAN

The Department of Chemical and Materials Engineering invites applicants for tenure-track positions at Assistant, Associate, or Full Professor ranks. The department seeks outstanding candidates who have a Ph.D. in Chemical Engineering, Materials Engineering or related fields. Preferred research areas include Heterogeneous catalysis, Advanced Energy systems, Electronic, Optical and Bio-Materials or Hybrid Nano-materials. Successful candidates will be expected to teach undergraduate and graduate courses as well as to develop excellent research program. The Chemical and Materials Engineering department has 22 faculties, an enrollment of over 200 undergraduates, about 150 graduate students and with approximately equivalent to US\$2M in annual sponsored research. Information regarding the Department can be located at the website: [www.ncu.edu.tw/~che](http://www.ncu.edu.tw/~che). **Candidates should send a resume, description of future teaching and research plans, previous research accomplishments, and names of three references to Department of Chemical and Materials Engineering, National Central University, Chung-Li, Taiwan 32054. (Email: [ywchen@cc.ncu.edu.tw](mailto:ywchen@cc.ncu.edu.tw)).**



**UNIVERSITY OF WYOMING**  
**COLLEGE OF ENGINEERING AND APPLIED SCIENCE**  
**CAREER OPPORTUNITY**  
**SENIOR FACULTY POSITION IN PETROLEUM ENGINEERING**

The University of Wyoming's College of Engineering and Applied Science invites applicants for a faculty position at the rank of associate professor or professor in its Chemical and Petroleum Engineering Department. The position will be affiliated with the newly created University of Wyoming School of Energy Resources (SER). The department, one of six departments in the college, offers B.S. (ABET accredited), M.S. and Ph.D. degrees in chemical and petroleum engineering and seeks to continue growth of its undergraduate and graduate programs.

The position's responsibilities include teaching at the undergraduate and graduate levels in petroleum engineering, developing and conducting productive disciplinary and interdisciplinary research, as well as providing leadership on campus for petroleum related research.

The University of Wyoming is a thriving research university located in Laramie, Wyoming (pop. 28,000), 130 miles northwest of Denver. Laramie is a picturesque and friendly town offering a reasonable cost of living and easy access to outdoor activities in the Rocky Mountain region. Additional information on the Department, College, and Laramie is available at: <http://www.eng.uwyo.edu/chemical>, <http://www.eng.uwyo.edu/>, <http://www.uwyo.edu>, and <http://www.laramie.org>.

#### Required qualifications:

- Ph.D. in Petroleum Engineering, or closely related field.
- Distinguished record of research productivity in petroleum engineering.

**Applications must include:** 1) a letter of application, 2) curriculum vitae, 3) a statement of research and teaching interests, 4) a minimum of three reference contacts. Review of applications will begin early January 2008 and continue until the position is filled.

**Applications should be submitted to:**  
 Dr. Brian Towler, Head and Search Chair  
 Department of Chemical and Petroleum Engineering  
 University of Wyoming  
 1000 E. University Ave., Department 3295  
 Laramie, WY 82071-2000

**Submit electronically to:**  
 Ms. Heather Warren  
[HWarren@uwyo.edu](mailto:HWarren@uwyo.edu)

The university adheres to the principles of affirmative action and welcomes applications from qualified individuals, independent of race, color, religion, sex, national origin, disability, age, veteran status, sexual orientation or political belief. We welcome applications from underrepresented groups, including women and people of color.



## FACULTY POSITION IN MECHANICAL ENGINEERING AT BINGHAMTON UNIVERSITY (SUNY)

The Department of Mechanical Engineering at Binghamton University (one of the SUNY University Centers) in Binghamton, NY, invites applications for a tenure-track faculty position in the area of heat/mass transport in small scale systems for the fall of 2008. The level of appointment and tenure status will be consistent with the professional experience and qualifications of the appointee. Candidates must have a PhD in Mechanical Engineering or a related field with specialization in transport phenomena. The successful candidate will have demonstrated research expertise in one or more of the following areas: transport phenomena in micro-/nano-fluidic devices, fluid/surface energetics/modification multi-scale transport phenomena, complex fluids or organic electronics. The applicant should have demonstrated potential for sustainable funding in one of the above areas and be able to teach at both undergraduate and graduate levels in mechanical engineering and applied sciences. Applicants must send current curriculum vitae, brief statements of research and teaching interests, and the names, addresses, e-mail and telephone numbers of at least three referees. Applications received by February 15, 2008, will receive full consideration, but the search will remain open until an appointment has been made. Binghamton University is an Equal Opportunity/ Affirmative Action Employer.

**Contact:** Bahgat Sammakia, Chair of the Search Committee; Professor, Mechanical Engineering, Director, The Small Scale Systems Integration and Packaging Center, S3IP, A New York State Center of Excellence, Binghamton University, P.O. Box 6000, Binghamton, NY 13902-6000, tel 607-777-6880, fax 607-777-4683, email bahgat@binghamton.edu, http://S3IP.binghamton.edu.

## FACULTY RECRUITING IN CHEMICAL ENGINEERING, THE UNIVERSITY OF TEXAS AT AUSTIN

The Department of Chemical Engineering seeks outstanding applicants for tenured and tenure-track faculty positions. A Ph.D. is required and applicants must have an outstanding record of research accomplishments and a strong interest in undergraduate and graduate teaching. The Department is especially interested in applicants with research and teaching interests in the areas of energy sciences, systems engineering, polymers, materials science and microelectronics. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a research program, collaborate with other faculty, and be involved in service to the university and the profession. Applications from women and minorities are strongly encouraged. **Interested persons should submit in electronic form a detailed curriculum vitae including academic and professional experience, statements regarding their teaching philosophy and research plans, a list of peer reviewed publications and other technical papers, and the names, address and telephone numbers of three or more references to:** Chair, Department of Chemical Engineering, The University of Texas at Austin, Austin, TX 78712-0231 (chefaculty-search@che.utexas.edu). Scheduling for interviews will begin in late November 2007. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/ Affirmative Action Employer.



Department of Chemical Engineering  
Baton Rouge, Louisiana 70803

### **GORDON A. & MARY CAIN CHAIR IN CHEMICAL ENGINEERING #2 AND PROFESSOR**

The Gordon A. and Mary Cain Department of Chemical Engineering is seeking highly-qualified candidates for a second established Chair supported by the Cain Endowment. Funding through both the University and the Endowment will be available for research, staff, and graduate student support. Louisiana State University at Baton Rouge has an increasing enrollment of 30,000 students. LSU holds the Carnegie Foundation's designation as a Doctorate-granting University, with very high research activity. The Chemical Engineering Department offers undergraduate, MS and Ph.D. degrees. Research in the department focuses on a number of key areas such as: advanced computation, environment, materials, energy, biochemicals and systems, with strong commitment to collaboration between these areas towards a truly multidisciplinary research effort. Research in the department is funded from external grants and contracts from several federal agencies. The LSU Department of Chemical Engineering has consistently been among the top departments in the nation in this measure of research activity ([www.che.lsu.edu](http://www.che.lsu.edu)). More information about LSU and the Baton Rouge area can be obtained by visiting [www.lsu.edu](http://www.lsu.edu).

**Required Qualifications:** Ph.D. or equivalent degree in Chemical Engineering or a closely related field; proven track record in scholarly activity, teaching, professionalism, and service or equivalent industrial experience. **Responsibilities:** teaches both graduate and undergraduate students; commits to excellence in research.

Preference will be given to candidates or nominees with proven track record and activity in the area of Renewable Energy/Resources and Clean Energy, however candidates with strong background in areas such as Materials, Bioprocessing, Computational and Environmental Engineering will also be considered. An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is January 18, 2008 or until a candidate is selected. Submit nominations, request for information, or a letter of application and resume (including e-mail address) to:

Head, Gordon A. and Mary Cain Chair Search Committee  
Gordon A. and Mary Cain Department of Chemical Engineering  
Louisiana State University  
Ref: #028449  
Baton Rouge, LA 70803-7303  
Phone: (225) 578-1426

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#### **Web posting:**

Classified advertisers receive a \$250/month discount off the normal \$400/month rate to post on CareerEngineer, AIChE's recruiting web site specifically for chemical industry professionals, if a print ad is run in the same month. <http://careerengineer.aiiche.org>

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**Florida Institute of Technology**  
High Tech with a Human Touch

**Allen S. Henry Professor of Engineering**

The College of Engineering at Florida Institute of Technology seeks outstanding candidates for the Allen S. Henry Chaired Professorship in Engineering. Florida Tech ([www.fit.edu](http://www.fit.edu)) is an independent technological university located in Melbourne, Fla.

Applicants may have backgrounds in any area of engineering, but particular consideration will be given to candidates whose interests support the recently developed graduate program in biomedical engineering. The successful candidate will be expected to develop a high-level research program and teach courses in her or his area of expertise. The candidate will receive an academic appointment in the Department of Chemical Engineering.

**Please send a cover letter, full curriculum vitae and contact information for at least three references to:** Allen S. Henry Search Committee, College of Engineering, Florida Institute of Technology, 150 West University Boulevard, Melbourne, Florida 32901-6975. **E-mail applications** can be sent to [henrychair@fit.edu](mailto:henrychair@fit.edu).

*All applications will be held in confidence until such time that individuals are selected for campus interviews. The position is open until filled. Florida Institute of Technology is an Equal Opportunity Employer committed to excellence through diversity.*

EN-669-1107

**Editor, Process Safety Progress**

*Process Safety Progress* (PSP), a publication of the American Institute of Chemical Engineers (AIChE), is seeking candidates for Editor. Published quarterly, on behalf of AIChE's Safety and Health Division by John Wiley & Sons, PSP is a premier source of information and technology for accident prevention and investigation, case histories, troubleshooting, hazard and risk evaluations, strategies for dealing with on-site emergencies, government regulations, and many other process-safety-related topics.

The successful candidate for Editor should be able to commit to a five-year term with an option for a second-term renewal. He/she will be responsible for technical content and editorial direction, with the help of an active Editorial Advisory Board. The Editor should also pursue readership growth strategies by expanding PSP's coverage to emerging areas, such as bio-process safety. This non-staff position comes with a stipend from AIChE.

The successful candidate should have the following qualifications:

- Extensive experience and a solid reputation in the process safety engineering community
- Impeccable ethical standards
- The ability to attract authors and readers and to lead a diverse Editorial Advisory Board, respecting alternative points of view.

Editorial experience is a plus.

If you are interested in this position, please e-mail the PSP Editor Search Committee in care of its Chair, Dr. P.C. Gopalratnam, with a statement addressing your vision as PSP Editor, as well as three references.

**Dr. P.C. Gopalratnam (e-mail: [p.c.gopalratnam@invista.com](mailto:p.c.gopalratnam@invista.com))**  
**PSP Editor Search Committee Chair**  
**INVISTA - Koch Industries.**

The deadline for application is March 1, 2008.



**Assistant Professor of  
Energy and Mineral Engineering**

The Department of Energy and Mineral Engineering (EME) at The Pennsylvania State University (<http://www.eme.psu.edu>) invites applications for two full-time, tenure-track faculty positions at the Assistant Professor level with a start date of July 1, 2008. Principal research areas considered for the positions are Molecular Modeling of Coal Structure and/or Coal Conversion to Liquids. This broad search is designed to complement and advance energy-related research and education taking place at the University under the umbrella of the Penn State Institutes of Energy and the Environment (PSIEE; <http://www.psiee.psu.edu>). These two positions are part of a new Clean Carbon Energy Initiative that will bring six new faculty to Penn State within the next year. In particular, we are seeking two candidates with strong research interests in the structure-reactivity relationships that affect the conversion of coal to liquids and gases. The candidates are expected to establish a vigorous sponsored research program and have the ability to collaborate effectively on research in related areas with faculty members in EME and those associated with the PSIEE. EME is home to Penn State's degree programs in Energy Engineering, Environmental Systems Engineering, Mining Engineering, Petroleum and Natural Gas Engineering, and Energy Business and Finance. Successful candidates are expected to develop a strong record in teaching undergraduate and graduate courses in Energy Engineering and related degree programs. Requirements for the position include a Doctoral degree in a related field. Although the search is aimed at the Assistant Professor level, more senior candidates who have the potential to increase the diversity of our faculty are also encouraged to apply. Salary for the above positions will be commensurate with rank and experience. Review of applications will begin on January 15, 2008 and will continue until the positions are filled. Applications should include: 1) formal letter of interest, 2) complete resume/curriculum vitae, 3) statement on research and teaching plans, and 4) names and contact information of at least three references. Mail applications to: Coal Positions Search Committee Chair, The Pennsylvania State University, 117 Hosler Building, University Park, PA 16802. Electronic submissions to [jaxa1@psu.edu](mailto:jaxa1@psu.edu) are preferred. We promote excellence through diversity and encourage all qualified individuals to apply.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

**PENN STATE Making Life Better**