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POSITIONS AVAILABLE

CHEMICAL ENGINEER

MS in Chemical Engineering (or foreign equivalent) required. **Send resume: CTC Cable Corporation, 2026 McGaw Avenue, Irvine CA 92614.**

DIRECTOR, SOCIETY FOR BIOLOGICAL ENGINEERING (SBE) & NEW TECHNICAL INITIATIVES

The American Institute of Chemical Engineers is currently seeking to add a Director to its team to lead the programs associated with the Society for Biological Engineering & New Technical Initiatives by building membership within these entities and developing & implementing new meetings, publications, education services, technical projects and industrial alliances. Develop business plans; manage budgets; develop and implement fund raising activities; work with SBE Managing and Advisory boards to generate and implement program concepts; 10-15 years experience in developing new products and services; Technical degree in chemical/biological engineering or another science or engineering discipline; MBA or equivalent training preferred; broad knowledge of chemical engineering and the bio-processing, biomedical and biomolecular fields; Working knowledge of Word, Excel and Powerpoint. **Interested candidates should send a letter of interest, including salary requirements, and resume to recruitment@aiche.org.**

**AIChE SPRING MEETING CAREER FAIR
April 27, 2009
Tampa Convention Center, Tampa, FL**

Visit <http://www.aiche.org> for Career Fair attendance details and to upload your resume to AIChE's CareerEngineer Job Board. Top industry employers participating in the Career Fair will review these resumes. (Interested employers call 646-279-2149 or denid@aiche.org)

Spring Meeting Highlights:

- The 5th Global Congress on Process Safety featuring the 24th CCPS International Conference, the 43rd Loss Prevention Symposium, and the 11th Process Plant Safety Symposium
- The 21st Annual Ethylene Producers Conference
- 12th Topical Conference on Refinery Processing
- 9th Topical Conference on Natural Gas Utilization Plus, topical conferences on Distillation, Microreactor Engineering, and Sustainability.

UNIVERSITY OF WYOMING
COLLEGE OF ENGINEERING AND APPLIED SCIENCE
CAREER OPPORTUNITY
TENURE-TRACK FACULTY POSITION
in CHEMICAL and 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 Department, one of six departments in the College, 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 position will be jointly appointed with the newly created University of Wyoming School of Energy Resources (SER). SER was created to facilitate research, teaching and service activities relevant to state, national and international needs in energy-related science and technology. It is an ambitious state-funded program designed to put the University at the forefront in energy-related fields. We seek an individual who has a record of well-funded research, and who is interested in applying such research to catalysis, broadly defined. Research topics of interest include, but are not limited to, catalysis, thermodynamics, transport processes, and MD/DFT simulations. A PhD in Chemical engineering or a closely related field is required.

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.

A complete application will include: 1) a letter describing the applicant's qualifications and experience related to the position, 2) a statement of research interests as they relate to catalysis, 3) a curriculum vitae, and 4) contact information for three references. Review of applications will begin early February 2009 and continue until the position is filled.

Applications via mail should be addressed to:

Dr. Morris Argyle
Chair of Search Committee
Department of Chemical and Petroleum Engineering
Dept. 3295, 1000 E. University Ave
Laramie, WY 82071-2000

Send electronic submissions to:

Ms. Heather Warren
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.



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ACADEMIC OPENINGS

RESEARCH ASSOCIATE POSITIONS AT THE NEW JERSEY CENTER FOR MICROCHEMICAL SYSTEMS, STEVENS INSTITUTE OF TECHNOLOGY

The New Jersey Center for Microchemical Systems (NJCMCS) at the Department of Chemical Engineering and Materials Science (CEMS), Stevens Institute of Technology invites applications for three research associate positions that are available immediately. These positions are related to recently awarded grants in the areas of: (1) thermochemical conversion of biomass to biofuel and (2) microfluidic-based self-assembly of nanocomposite materials. NJCMCS, a research-active center at Stevens was founded in 2002, and has received to date approximately \$12M in funding in the design, evaluation and demonstration of microreactor and microfluidic systems for various applications including nanomaterial synthesis and bio-fuel production. For the biofuel production research, applicants should have a Ph.D. in Chemical Engineering or a related discipline with research experience in experimental reaction engineering and catalysis. For the nanomaterial research, applicants with expertise in microfluidics or nanomaterial self-assembly are encouraged to apply. Applications will be accepted until the positions are filled. **Applicants should sub-**

mit a curriculum vitae, with a detailed research experience, and contact information for at least three references to: Professor Adeniyi Lawal, email: alawal@stevens.edu, Department of Chemical Engineering and Materials Science, Stevens Institute of Technology, 1 Castle Point Terrace, Hoboken, New Jersey 07030. Stevens Institute of Technology is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

TENURE TRACK FACULTY SEARCH DEPARTMENT OF ENERGY, ENVIRON- MENTAL AND CHEMICAL ENGINEERING

The School of Engineering and Applied Science (SEAS) at Washington University in St. Louis invites applications for a tenure-track professor position at all levels in the Department of Energy, Environmental and Chemical Engineering (www.eec.wustl.edu). Preference will be given to candidates who have expertise in reaction engineering encompassing quantification of multi-scale transport - kinetic interactions. Related strengths in the department are in catalysis, transport phenomena, combustion, multiphase reactors, aerosol engineering, complex fluids and molecular modeling. Individuals should demonstrate or show promise of excellence in both research and teaching. Candidates are sought with research interests that complement existing strengths



Carnegie Mellon

ENGINEERING

Carnegie Mellon University

Joint Faculty Position in Chemical Engineering/Engineering Public Policy

The Department of Chemical Engineering at Carnegie Mellon seeks someone with strong technical skills and research accomplishment in Chemical Engineering who wishes to spend a significant portion of his/her time addressing important problems in public policy in which technical details and analysis are of central importance. We are open with respect to specific problem domains but are particularly interested in candidates with expertise in clean and alternative energy technologies, green process design and operations, and technical and policy issues in nano and/or biotechnology. Candidates at any level will be considered.

Applicants should submit a CV, statement of research and teaching interests, and the names of three references to: Prof. Ignacio Grossmann Department of Chemical Engineering Carnegie Mellon University 5000 Forbes Avenue Pittsburgh, PA 15213-3890. E-mail: grossmann@cmu.edu. We would appreciate receiving your application electronically (as a PDF file) by March 15, 2009. Carnegie Mellon University is an Equal Opportunity/Affirmative Action/Equal Access Employer.

For more information, see <http://www.cheme.cmu.edu>

in departmental core areas. Candidates with an interest in teaching modern laboratory classes in chemical engineering will be considered favorably. **Applicants should send a curriculum vitae and statements of research and teaching interests by email as a single file in pdf format to eecesearch@seas.wustl.edu. Applicants should also arrange for three letters of reference to be sent to eeceeach@seas.wustl.edu, with signed originals sent to: EECE Faculty Search Committee (Rose Baxter), Department of Energy, Environmental and Chemical Engineering, Campus Box 1180, Washington University in St. Louis, One Brookings Drive, St. Louis, MO 63130.** Applications will be considered until the position is filled, but priority will be given to those received by January 30, 2008. Women and minorities are encouraged to apply. Washington University is an equal opportunity/affirmative action employer.

THE INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR, INDIA solicits applications for faculty positions in the ranks of Professor, Associate Professor and Assistant Professor in all Chemical Sciences related disciplines. An earned doctorate and evidence of research outcomes are required. These positions are particularly suitable for: Recent Ph.D.s, including those with post-doctoral experience, who are able to provide intellectual leadership in developing interdisciplinary research and teaching portfolios with strong supporting disciplinary emphasis, who are drawn to an innovative academic vision and who are committed to achieving this through working and learning collegially and collectively, and; experienced professionals in academic and industry committed to providing leadership in enhancing the research and teaching portfolios of the Institute. **For further information on the various positions, the Departments / Centres / Schools, emoluments and applications procedures, please visit http://www.iitkgp.ac.in/topfiles/faculty_top.php. North American (Alumni) Contacts : Anjan Bose, bose@wsu.edu.**

POSITION ANNOUNCEMENT FOR DEPARTMENT HEAD OF CHEMICAL AND 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 as Department Head of its Chemical and Petroleum Engineering Department. The Department, one of six departments in the College, offers B.S., M.S., and Ph.D. degrees in chemical engineering and petroleum engineering, and seeks to further grow its undergraduate and graduate programs. The Department currently has 16 faculty and approximately 50 graduate and 280 undergraduate students. Significant opportunities for growth and research expansion are associated with the newly created University of Wyoming School of Energy Resources and the announced High Plains

**Imperial College
London**



King Abdullah University of Science and Technology (KAUST)

Faculty Positions in Chemical and Biological Engineering

King Abdullah University of Science and Technology (KAUST) is being established in Saudi Arabia as an international graduate-level research university dedicated to inspiring a new age of scientific achievement that will benefit the region and the world. As an independent and merit-based institution and one of the best endowed universities in the world, KAUST intends to become a major new contributor to the global network of collaborative research. It will enable researchers from around the globe to work together to solve challenging scientific and technological problems. The admission of students, the appointment, promotion and retention of faculty and staff, and all the educational, administrative and other activities of the University shall be conducted on the basis of equality, without regard to race, colour, religion or gender.

KAUST is located on the Red Sea at Thuwal (80 km north of Jeddah). Opening in September 2009, KAUST welcomes exceptional researchers, faculty and students from around the world. To be competitive, KAUST will offer very attractive base salaries and a wide range of benefits. Further information about KAUST can be found at <http://www.kaust.edu.sa/>

KAUST invites applications for faculty positions at all ranks (Assistant, Associate or Full Professor) in Chemical and Biological Engineering. Research interests may include areas such as:

- Biological Engineering (biomedical engineering; biotechnology and bioprocess engineering)
- Natural Resource Engineering (energy engineering; environmental engineering)
- Fluids Engineering (fluid mechanics; molecular modelling and thermodynamics)
- Particle and Materials Engineering (complex materials; surfaces and interfaces)
- Process Systems Engineering (methodologies; applications)
- Reaction and Separation Engineering (reaction engineering and catalyst technology; separation engineering and technology)

High priority will be given to the overall originality and promise of the candidate's work rather than the candidate's sub-area of specialisation within Chemical or Biological Engineering. Nevertheless, KAUST is particularly interested in applicants whose research has applications in the fields of catalysis, clean combustion, membranes, solar/alternative energy and water desalination.

An earned PhD in Chemical Engineering or a related Science or Engineering discipline, evidence of the ability to pursue a programme of research, and a strong commitment to graduate teaching are required. Applicants should have at least one year of postdoctoral research experience. A successful candidate will be expected to teach courses at the graduate level and to build and lead a team of graduate students in Master's and PhD research.

Applications (including a curriculum vitae, list of publications, citation report with H-index value, brief statements of research and teaching interests, and the names and contact details of at least 3 referees) should be sent to the Search Committee by electronic mail to kaust.chemeng@imperial.ac.uk. Please note that the Search Committee may also appoint additional referees at its discretion. The review of applications will begin immediately, and applicants are strongly encouraged to submit applications as soon as possible; however, applications will continue to be accepted until December 2009, or until all 10 available positions have been filled.

In 2008 and 2009, as part of an Academic Excellence Alliance agreement between KAUST and Imperial College London, the KAUST Faculty search will be conducted by a committee consisting of Professors from the Faculty of Engineering at Imperial College London. This committee will select the top applicants and nominate them for Faculty positions at KAUST. However, KAUST will be responsible for actual recruiting decisions, appointment offers, and explanations of employment benefits. The recruited Faculty will be employed by KAUST, not by Imperial College London. Faculty members recruited by KAUST before September 2009 will be hosted in Chemical Engineering at Imperial College London as Academic Visitors until KAUST opens in September 2009. At Imperial College London, these Academic Visitors will conduct research with Imperial College London staff and may occasionally teach courses.

Enquiries and applications to: kaust.chemeng@imperial.ac.uk

Valuing diversity and committed to equality of opportunity

Gasification Advanced Research Center. The position's responsibilities and requirements include providing leadership and vision for the Department's undergraduate and graduate programs, having strong interpersonal and communication skills, teaching at the undergraduate and graduate levels, and conduct of a productive research program. The successful candidate will have an earned doctorate in chemical engineering, petroleum engineering, or a closely related field, and a proven record of research productivity. The applicant must be eligible for appointment with tenure in the department as associate professor or professor. A complete application will include a letter describing the applicant's qualifications and experience related to the position, a statement of research interests, a statement of teaching interests, a curriculum vitae, and contact information for three references. Review of applications will begin early in February 2009 and continue until the position is filled. **Applications via mail should be addressed to: Dr. Andy Hansen, Chair of Department Head Search Committee, Department of Chemical and Petroleum Engineering, Dept. 3295, 1000 E. University Ave, Laramie, WY 82071-2000, Applications via e-mail should be submitted to: Ms. Heather Warren, hwarren@uwyo.edu.** 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://www.eng.uwyo.edu>, and <http://www.laramie.org>. 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.



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 200 undergraduate and around 50 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 and the names and addresses/fax numbers/email addresses of three referees should be sent to Professor Mitchell TSENG, Chair of Search Committee for Headship of CBME, c/o School of Engineering, HKUST, Clearwater Bay, Kowloon, Hong Kong on or before **April 30, 2009**. Applications and nominations will be treated in strict confidence. For further communication, our e-mail contact is dhcbme@ust.hk.

University of Wyoming Carbon Management Institute Director

The University of Wyoming invites applications for a distinguished scientist to lead the university's new geologic carbon sequestration initiative as Director of the School of Energy Resources' Carbon Management Institute. The initiative is a multi-year, multimillion-dollar federal and state-funded project to design and implement a geologic carbon sequestration demonstration in western Wyoming in cooperation with significant industrial partners.

We are seeking an individual who combines a commitment to both scientific excellence and national impact on critical scientific and technical problems facing Wyoming and the United States, world-class scientific credentials with a strong ethic of service to the scientific community, and enthusiasm for promoting the careers of young scientists.

Preferred qualifications include: 1) an earned doctorate; 2) demonstrated leadership in directing and communicating a vision and strategy to a multidisciplinary research team and coordinating with government agencies and industry; 3) experience in carbon dioxide injection, MMV, or other relevant sequestration activities; and 4) an internationally recognized record of teaching and research in relevant scientific or technical fields including, but not limited to, geomechanics, petrophysics, fluid mechanics, seismology, kinetics, geochemistry, structural geology, hydrology, reactive transport modeling of water-rock-hydrocarbon-CO₂ systems, or well construction engineering. The successful candidate will be expected to build and lead a research team that conducts cutting edge basic and applied research, technology development, and implementation of geologic sequestration demonstration project. We welcome applicants from all sectors, including academia, industry, and government laboratories.

The School of Energy Resources is an interdisciplinary institute dedicated to energy-related teaching and research in support of state, national, and international energy-related activities. We seek a person with the ability to cooperate productively with SER professors in geosciences, mathematics, chemical and petroleum engineering, economics, and other energy-related fields. The SER is an ambitious, new state-funded institute with the University of Wyoming that requires innovative, forefront researchers with the ability to produce benefits tangible to UW and SER stakeholders and supporters. Information about the School of Energy Resources is available at uwyo.edu/ser.

Applications should include a statement of leadership experience, research interests, curriculum vitae, and the names and contact information for at least three individuals who can provide letters of evaluation. Review of completed applications will begin March 15, 2009. **Send an electronic copy of your application to: Ms. Sarah Schulmeyer at sschulme@uwyo.edu**

The University of Wyoming is an equal opportunity/affirmative action employer, and we welcome applications from women and people from underrepresented groups.