



**"THE PREMIER PRINT AND ONLINE RESOURCE
FOR ChE JOBS"**

<http://careerengineer.aiiche.org>

POSITIONS OPEN

IVANHOE ENERGY HOLDINGS, INC. IS SEEKING HTL TECHNOLOGY PROCESS ENGINEERS to oversee and support the process engineering efforts to develop commercial HTL (Heavy to Light) process units. Position requires 40% to 80% international and domestic travel. Job location: San Antonio, TX. Position requires B.S. in Chemical Engineering and 5 years of related experience OR M.S. in Chemical engineering and 3 years of related experience. **Email resumes to:** hrrservices@ivanhoeenergy.com. **Must refer to job code ET0001 when applying.**



Senior Process Eng
southeast/mid Michigan

Opportunity

create production facility for a well-funded start up

Processes

for silicate materials: sol gel, calcining, drying, milling, blending, classification

Compensation

includes full benefits package plus stock options

Qualifications

BS/MS Chem Eng or equivalent
10+ years experience

Details

www.InPore.com/careers

1000908 – R&D DEVELOPMENT SPECIALIST, PRAXAIR

The focus of the Adsorption Process & Systems group is the development of new separation systems that involve advances in adsorbent materials, machinery, and cycles. The activities of a Development Specialist are aimed at reducing the cost of existing processes and developing new processes. Work will involve computer simulation and pilot experimentation. The candidate will also be expected to work with engineering and operations organizations to create functional process designs and execute commercial projects. Education: MS or PhD in Chemical Engineering. Experience: 5 or more years of relevant industrial experience or a PhD in Chemical Engineering.

To apply for this position go to www.praxair.com/careers. Click on Career Opportunities, Job Requisition #1000908.

1000909 – R&D PROGRAM MANAGER, PRAXAIR

The focus of the Adsorption Process & Systems group is the development of new separation systems that involve advances in adsorbent materials, machinery, and cycles. The Program Manager will work with R&D principal investigators, Engineering, Operations and Business Development to develop, construct and commission first-of-a-kind adsorption systems. The candidate should not only exhibit strong project management skills, but be willing and able to champion new ideas and technology within Praxair. To do this effectively, the candidate should demonstrate high levels of enthusiasm and leadership capability, strong verbal and written communication skills, a team-oriented focus, and an ability to find innovative technical solutions. The candidate should also be practical and results oriented, demonstrating an ability to successfully drive projects to completion. Education: BS, MS or PhD in Chemical Engineering or Mechanical Engineering. Experience: 10+ years combined experience in R&D, Engineering, Project Management, and/or Operations required. This experience must include managing the development and execution of complex technology projects. **To apply for this position go to www.praxair.com/careers, click on Career Opportunities, Job Requisition #1000909.**

ACADEMIC OPENINGS

CHEMICAL/BIOLOGICAL ENGINEERING FACULTY POSITION COLORADO STATE UNIVERSITY

The Department of Chemical and Biological Engineering at Colorado State University seeks applications and nominations for a tenure-track chemical/biological engineering faculty position at the assistant professor level. Successful candidates will develop well-funded research programs and actively participate in education and scholarship activities. This position is specifically targeted to candidates who would focus their research in the area of bioenergy. Applicants with interests and expertise in synthetic biology, including protein and metabolic engineering, are particularly encouraged. Applications from candidates with the ability to advance the Department's commitment to diversity and multiculturalism through research, teaching and outreach with relevant programs, goals and activities are particularly encouraged. A Ph.D. or equivalent in chemical or biological engineering, or related field, is required by January 2011. **Important information regarding the application process and required application materials may be found at <https://www.engr.colostate.edu/cheme/search/>. Electronic submission of application materials at this web site is required.** Review of applications will begin September 15, 2010 and continue until the position is filled. The anticipated start date is July 2011. CSU is an EO/AA employer. Colorado State University conducts background checks on all final candidates.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY

invites applications and nominations for a tenure-track faculty position at the Assistant Professor level for Fall 2011. Exceptional candidates are encouraged to apply and will be considered for appointment at the Associate or Full Professor rank. Candidates are expected to contribute to one of two experimental research thrust areas in the department: (1) Biomolecular Engineering (synthetic systems biology, immunology, and cellular and protein engineering are of special interest) and (2) Energy and Materials, broadly defined,

including all aspects of energy conversion (solar, fuel cells), energy storage (batteries, supercapacitors), and energy efficiency; nanomaterials approaches to energy solutions are of particular interest. A Ph.D. with a distinguished academic record in engineering or applied science is required. Responsibilities include teaching undergraduate and graduate courses and establishing an externally funded and internationally recognized scholarly research program. Ranked in the top 20 nationally, Vanderbilt University is located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Interdisciplinary research opportunities exist with faculty in many other departments within the School of Engineering, the College of Arts and Science, and the School of Medicine. **Interested individuals should send the following application materials to the Search Committee Chair (chbeseach@vanderbilt.edu) in one electronic file (PDF or WORD format): curriculum vitae, a statement of research and teaching interests, and the names and addresses of at least three references. Screening of applications will begin September 15, 2010. Applications will not be accepted after December 1, 2010.** Women and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

THE CHEMICAL ENGINEERING DEPARTMENT AT LAMAR UNIVERSITY

invites applications for one tenure-track faculty position at the Assistant Professor level. Lamar University is a member of Texas State University System with approximately 14,000 students, located in Southeast Texas known for petrochemical and refineries. The Department awards the BS, MS, PhD and DE degrees. Applicants must have a PhD in chemical engineering or a closely related discipline and a strong commitment to excellence in research and teaching. The Department currently comprises fourteen (14) faculty members with research activities in environmental air and water pollution control, fuel cell and renewable energy, polymer nanocomposites, thermodynamics, green

chemistry and green engineering process, and process simulation, optimization and control. Applications will be considered from any strong candidate whose expertise fits well with existing research programs within the department. Please visit our website at <http://www.lamar.edu> for more information. **Interested candidates should send curriculum vitae, statement of teaching and research interests, and names and addresses of three referees to: Chair, Faculty Search Committee, Department of Chemical Engineering, Lamar University, Beaumont, TX 77710. Review of applications will start October 1, 2010 and will continue until the position is filled.** Lamar University is an Equal Opportunity/Affirmative Action Employer.

THE DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING AT THE UNIVERSITY OF KENTUCKY

invites applications for a tenure-track chemical engineering faculty position at the Assistant Professor level with an anticipated start date of Fall 2011. Applications in all research areas will receive consideration with preference given to those areas that complement existing department strengths in biotechnology and biopharmaceutical engineering, materials synthesis and nanomaterials, energy, and environmental science and engineering. Applicants should have a Ph.D. in Chemical Engineering with a strong record of research accomplishments, the capability to develop an active and nationally recognized research program, and a commitment to excellence in undergraduate and graduate education. Review of applications will begin immediately and will continue until the position is filled. **Applicants should apply for the position on-line at <http://www.uky.edu/HR/UKjobs> by December 1, 2010. Submit PDF files consisting of a letter of interest, complete curriculum vitae, statement of research goals, statement of teaching philosophy, and the names and contact information for at least three references.** The University of Kentucky is an Equal Opportunity University. We encourage applications from women, minorities, and all interested and qualified individuals. More information on the Department can be found at: <http://www.engr.uky.edu/cme>.

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:

- Control Systems Engineering Manager – Shell
- Sr. Process Engineer – FMC
- Chemical Production Manager – Boulder Scientific Company
- Scientist, Process Engineering – Firmenich Aromatics (China) Co., Ltd.
- Science & Technology Policy Fellow – American Association for the Advancement of Science
- Solution Advisor – Emerging Solutions (Digital Oilfield) – Chevron
- MR Fluid Development Scientist or Sr. Engineer – LORD Corporation
- Process Engineer – Malt-O-Meal
- Scientist-Rheologist – Kraft Foods
- Sr. Process Engineer – DSM
- Oil & Chemical Buyer – Nissan
- Sr. Metallurgist – Freeport-McMoran Copper & Gold

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.

ExxonMobil

Taking on the world's toughest energy challenges.™

MEMBER OF THE TECHNICAL STAFF GLOBAL CLIMATE CHANGE SCIENCE

ExxonMobil Research and Engineering has an immediate opening for a Member of the Technical Staff in its Corporate Strategic Research Laboratory located in Clinton, NJ.

Candidates are sought to fill a key position in the Corporate Strategic Research Laboratory of ExxonMobil Research and Engineering in the area of **Global Climate Change Science**. A strong background in science and engineering fundamentals is essential, particularly in the areas of computational modeling and mathematics. The successful candidate will help develop and advance our internal capabilities in the areas of climate science as well as energy resource modeling, with a focus on understanding and interpreting how changes in energy technologies, economics, policies/regulation, market conditions and climate could impact energy supply and its use.

The successful candidate will be expected to demonstrate strong scientific leadership within both the corporation and the external scientific community. Strong communication skills are essential, as collaboration with other science areas is critical for success. A PhD in Engineering (Chemical, Environmental, Mechanical), Physics or a related field is required. Candidates with all levels of experience will be considered.

ExxonMobil's Corporate Strategic Research (CSR) laboratory is a dynamic and exciting place to work. CSR is located in scenic western New Jersey, about an hour west of New York City and 45 minutes northwest of Princeton. Within CSR, active research programs exist in all areas of the company's business and cut across the traditional fields of chemical engineering, materials science, chemistry, physics, geoscience and mechanical engineering. Interdisciplinary research is the norm, and close ties are maintained with academic and national laboratory communities through publication and presentation of results. Collaborations with the external scientific community are encouraged.

ExxonMobil offers an excellent working environment and a competitive compensation and benefits package. Please submit your cover letter and resume to our website at www.exxonmobil.com/ex and apply to Global Climate Change Science.

EXXONMOBIL IS AN EQUAL OPPORTUNITY EMPLOYER

VILLANOVA UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING ACADEMIC OPENING

Villanova University invites applications for a tenure-track position in the Department of Chemical Engineering to begin in August 2011. An earned doctorate in Chemical Engineering or a closely allied discipline is required. The applicant must be committed to excellence in engineering education, must be an excellent communicator and must be able to develop an active and funded research program that will lead to scholarly growth and development. Research interests are open; but energy, sustainability, bioengineering, and advanced materials areas are preferred. Ideally the candidate should have experience with and an interest in the development and solution of mathematical models, especially using numerical techniques, that could lead to collaborations with current faculty. Appointment at either a junior or a senior level is possible, depending on the credentials and qualifications of the applicant. Villanova is an Affirmative Action/Equal Opportunity Employer. We are committed to building a diverse faculty and strongly encourage applications from women, minorities, and individuals with disabilities who understand and support the values inherent in Villanova's Catholic character and Augustinian tradition. We offer B.S., M.S., and Ph.D. degrees along with a M.S. in Sustainable Engineering. **All application materials must be submitted online at jobs.villanova.edu and should include an application letter, resume, statements of research and teaching experience and vision, transcripts, and the names and contact information of three professional references. Application materials are due no later than December 15, 2010.**

MISSISSIPPI STATE UNIVERSITY

The Dave C. Swalm School of Chemical Engineering at Mississippi State University invites applications for a tenure-track faculty position at the Assistant Professor level, with the appointment to begin August 16, 2011. Applicants must have a B.S. degree in Chemical Engineering, with a Ph.D. in Chemical Engineering or a related field. The successful candidate will develop an externally funded research program and demonstrate excellence in teaching. The

Dave C. Swalm School of Chemical Engineering is housed in a state-of-the-art building dedicated to Chemical Engineering. The School currently enrolls over 250 undergraduate and 26 graduate students and annually conducts over \$3.4M in externally funded research. Mississippi State University is located in Starkville, Mississippi, a vibrant college town located in Northeast Mississippi. More information about the Dave C. Swalm School of Chemical Engineering can be found at www.che.msstate.edu. **Applicants should apply via the MSU employment website (www.jobs.msstate.edu) and include a detailed vita, a statement of research and teaching interests, and the names and addresses of three references.** Review of applications will begin on October 1, 2010, and continue until the position is filled. MSU is an AA/EOE.

AUBURN UNIVERSITY, DIRECTOR OF THE ALABAMA CENTER FOR PAPER AND BIORESOURCE ENGINEERING, SAMUEL GINN COLLEGE OF ENGINEERING, DEPARTMENT OF CHEMICAL ENGINEERING

Director of the Alabama Center for Paper and Bioresource Engineering: The Auburn University Department of Chemical Engineering invites applications for the position of Director of the Alabama Center for Paper and Bioresource Engineering. This center director and faculty position is to become available in June, 2011. The director is responsible for conducting and fostering research and instruction in the pulp, paper and biorefining engineering areas and allied disciplines. In addition, the director will pursue the missions of the Auburn Pulp and Paper Foundation and will provide leadership to the pulp and paper research and manufacturing community. The director is responsible for the research and educational programs of the Center at both the graduate and undergraduate levels. This is a tenure-track position at the rank of Associate or Full Professor within the Department of Chemical Engineering. The successful candidate will demonstrate a strong commitment to excellent administration, research, teaching, and outreach. Experience within the paper and bioresource arena is desired. The candidate must have a Ph.D. in Chemical Engineering or related discipline. A detailed description of the position



المعهد البترولي
THE PETROLEUM INSTITUTE
Abu Dhabi, UAE

أدنوك
ADNOC
شركة بترول أبوظبي الوطنية

ADNOC PI Research Center (ADPIRC)

The ADNOC Research Centre at the Petroleum Institute is seeking applicants for the following positions:

- ❖ **Liaison Project Manager**
- ❖ **Senior Building Management and Maintenance Engineer**
- ❖ **Senior Laboratory Specialist**
- ❖ **Senior Safety and Environmental Engineer**


Salary/Benefits: The total compensation package includes a tax-free 12-month base salary, and a benefits allowance that covers relocation, housing, initial furnishings, utilities; transportation (automobile purchase loan), health insurance, end-of-service benefit and annual leave travel. Applicants must be in excellent health and will be required to pass a pre-employment physical examination.

For more information on the positions, please visit the following website and apply online:

<http://www.pi.ac.ae/jobs/ADPIRC>

Review of applications will begin immediately and will continue until successful candidates are selected. Only short-listed applicants will be notified.

For information on the PI, please go to the website: <http://www.pi.ac.ae>



المعهد البترولي
THE PETROLEUM INSTITUTE
Abu Dhabi, UAE

FACULTY POSITIONS Chemical Engineering

Chemical Engineering Department is seeking applications for the following positions:

**Chair Professor, Distinguished Professor
Professor, Associate Professor, Assistant Professor
Senior Research/Teaching Associate
Research/Teaching Associate**

Department faculty will be expected to teach undergraduate and graduate courses, develop an active research program, and to engage in professional and institutional service activities. Opportunities to interact with PI industrial stakeholders and other local industries will be a key feature in the development of a research program.

Institution: The Petroleum Institute (PI) was created in 2001 with the goal of establishing itself as a world-class institution in engineering education and research in areas of significance to the oil and gas and the broader energy industries. The PI's sponsors and affiliates include Abu Dhabi National Oil Company and several major international oil companies, namely Shell, BP, Jodco and Total. The campus has modern instructional laboratories and classroom facilities and is now in the planning phase of three major research centers on its campus. The PI is affiliated with the Colorado School of Mines, the University of Maryland (College Park), the University of Minnesota and Johannes Kepler University in Linz, Austria. Recent additions to collaborating institutions include Rice University and University of Texas, Austin. The growth of the PI is instrumental to meet the business and research needs of the fast growth of the UAE industry. For additional information, please refer to the PI website: www.pi.ac.ae.

For details on the positions and to submit your application, please go to:

<http://www.pi.ac.ae/jobs>

Review of applications will begin immediately and will continue until successful candidates are selected. Only shortlisted applicants will be notified.

and the qualifications is found at the Chemical Engineering Department website <http://eng.auburn.edu/programs/chen/>. Review of applications will begin November 15, 2010. Auburn University is an Affirmative/Equal Opportunity employer and educational institution and encourages minorities and women to apply for this position. **Candidates should send a resume, description of research plans, research accomplishments, teaching experience and interests, and names of three references via email to: Search Committee Chair, position #148000, (chesea@eng.auburn.edu), Department of Chemical Engineering, Auburn University, Auburn, AL 36849-5127.**

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY invites applications for a tenure-track faculty position at the Assistant, Associate or Full Professor level. 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. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to demonstrate excellence in teaching at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemical Engineering or a related field. There are no restrictions on research area for candidates; however, preference will be given to research interests in the following areas: Pharmaceutical Processing (particle technology, nanoparticle synthesis, etc.), Emerging Energy Technologies (synfuels, biofuels, heterogeneous catalysis, etc.), Advanced Materials, as well as areas that will complement and strengthen our NSF Engineering Research Center on Structured Organic Particulate Systems (<http://ercforsops.org>). 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: chesea@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.

STAY TUNED & PLAN TO PARTICIPATE AIChE FALL ONLINE CAREER FAIR OCTOBER 2010

Whether you're an active jobseeker or willing to consider a better opportunity if the right one presents itself, AIChE is the best source for targeted jobs that fit your career goals and qualifications. Connect with leading Chemical Process Industry Employers with opportunities ranging from entry-level positions requiring a BS degree to experienced PhD openings.

*** SEARCH JOBS.** Search and apply to Career Fair employer job postings (postings with the AIChE logo). Access hundreds of jobs often not seen on general job boards.

*** REVIEW COMPANY PROFILES.** Research your potential employer and learn about their goals and corporate culture.

*** BUILD OR UPLOAD YOUR RESUME.** Include your anonymous resume in the database for employers to review and contact you for an interview on the Career Fair days. When an employer is interested, you can decide whether or not to release your contact information based on that employer's job opening. Employers will have access to your resume up to 30 days after the Career Fair.

*** PARTICIPATE IN A CAREER SESSION TO POLISH YOUR JOB HUNTING SKILLS AND PREPARE FOR THE CAREER FAIR.** Members are encouraged to use their credits for AIChE's popular digital library and training center, ChemE on Demand, and choose from a full suite of Career Sessions geared toward job search success.

Plan to participate to be on your way to landing your dream job. Stay tuned to the Career Resource Section of the AIChE website, www.aiche.org.

CEP

ASSISTANT EDITOR Chemical Engineering Progress

Chemical Engineering Progress (CEP), the flagship publication of the American Institute of Chemical Engineers (AIChE), has an immediate opening on its editorial team. As an Assistant Editor, you will develop, write, and edit material for publication in CEP.

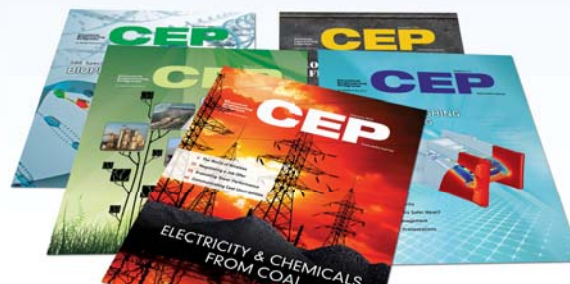
DUTIES INCLUDE:

- + Research and write articles on a wide range of chemical engineering topics
- + Edit outside-authored feature articles
- + Develop content, and write and/or edit material, for assigned editorial departments
- + Identify newsworthy developments in the field of chemical engineering
- + Suggest topics for news and feature articles
- + Establish and nurture a network of contacts to foster identification of article ideas
- + Represent CEP to other groups within and outside AIChE at conferences, trade shows, etc.
- + Copyedit and proofread other editors' articles
- + Work with art/design department to prepare graphics for articles
- + Prepare draft layouts and work with art/design department to finalize layouts
- + Contribute posts and comments to AIChE's blog, ChEnected
- + Some travel required

TO APPLY: Submit a resumé to recruitment@aiiche.org

REQUIREMENTS

- + Bachelor's degree in chemical engineering or related discipline
- + Experience in a technical capacity in the chemical process industries or related field, or in academia (including internships)
- + Demonstrated writing and editing skills
- + Excellent reading and reasoning skills
- + Excellent organizational and time-management skills; respect for deadlines is paramount
- + Ability to work independently and contribute to a team
- + Proficiency with Microsoft Office and Adobe InDesign, Photoshop and Illustrator preferred, or experience with comparable page layout and design software





Find Your Job at AIChE's New CareerEngineer

AIChE's CareerEngineer is the only career website for chemical engineering professionals and has been redesigned to be better than ever. It provides you with access to job openings with industry and academic leaders such as BP, Praxair, Merck, DuPont, Rohm and Haas, Dow, UOP, Stanford University, Univ. of Trinidad & Tobago, Univ. of UT, VA Tech, and North Carolina State University among others.

Sign up for CareerEngineer today to view job postings and take advantage of new tools to better manage your job search, such as anonymous profiles that allow employers to contact you discreetly, leaving you with the choice to respond. Create Job Alerts that automatically send you email when jobs matching your pre-determined criteria are posted. You can even store notes and communications from your job search in your user account. And AIChE Members' resumes are always at the top of the candidate list for employers to view first.*

**Start your job search and sign up today,
visit the new CareerEngineer at
<http://CareerEngineer.aiche.org>**

AIChE[®]

*CareerEngineer is FREE for anyone to join, but AIChE members have exclusive access to additional resources and features.
For information on how to become an AIChE member, please visit www.aiche.org/JoinNow.