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FOR ChE JOBS”

<http://careerengineer.aidhe.org>

POSITIONS OPEN

PROJECT ENGINEER, MATRIX TECHNOLOGIES, INC.

Matrix Technologies, Inc. is a control systems integrator and multi-discipline engineering solutions provider. In Maumee (Toledo), OH, we need a Project Engineer with 10+ yrs of experience to lead the process/mechanical design effort; exp with PFD & P&ID development, hydraulic network calculation, relief valve and process instrument specification, and experience with the general arrangement of process equipment. Working knowledge of ASME and NFPA codes a plus. CHE degree, PE a plus. Refining, food, glass, steel & specialty chemical industry experience required. Matrix offers a professional work environment with career progression, competitive salaries and excellent benefits. Matrix is an equal opportunity employer. Visit us at www.matrixti.com. **Send resumes to future@matrixti.com**. Travel: 25%.

PROCESS DESIGN CHEMICAL ENGINEER - OAK RIDGE, TN

PROCESS is seeking Process Design Engineers for executing process design and engineering projects across a variety of industrial market segments. Must be willing to travel on assignments, both domestic and internationally, for limited on-site work. Must have a B.S. in chemical engineering from a well-recognized university and 10-15 years combined plant operations, troubleshooting, project management, and process design experience. Ideal experience includes a variety of unit operations process simulation and design (distillation, heat exchangers, scrubbers, relief valve sizing, etc.). M.S. or M.B.A. and professional registration are a plus but not required. **Submit resumes via web site: www.processengr.com**

PROCESS SAFETY CONSULTANT, RISKTEC SOLUTIONS

Risktec is seeking highly motivated, dynamic and influential individuals with a background in process safety and risk management to join our Houston operation. We currently have experienced-level positions open. Interested candidates should have a good understanding of the technical fundamentals and management issues related to process safety and risk management within refining, petrochemical, oil and gas processing, and offshore production and drilling industries. Required qualifications: Bachelor's degree in chemical, mechanical, petroleum, marine or electrical engineering, or related experience; Technical process safety, safety and/or risk assessment experience; Onshore and offshore experience; and Project management skills. **For more information on Risktec Solutions, please visit our website at www.risktec.com. To apply for a position please send your resume to: enquiries@risktec.com** Risktec Solutions Inc is an equal opportunity employer committed to a diverse workforce.

KOCH-GLITSCH, LP

PRINCIPAL HEAT TRANSFER ENGINEER-WICHITA, KS

Koch-Glitsch, LP is part of the Koch Chemical Technology Group, LLC, a diverse group of companies serving the refining, chemical and petrochemical industries. Koch-Glitsch offers one stop shopping for many customers because of the related product lines of our sister companies. Diagnostic scans, combustion burners, modular mass transfer skids and heat transfer products are just a few of the many products available from other companies within Koch

Chemical Technology Group, LLC. The Koch Heat Transfer group in Wichita has a unique opportunity for a chemical or mechanical engineer specializing in heat transfer. The ideal candidate is an analytical thinker that is able to apply sound engineering knowledge to develop and realize solutions for our industry. Typically these are skills that have been honed in industry. **Please review our job @ www.kochcareers.com Job #338719.**

Visit AIChE'S CareerEngineer Job Board <http://careerengineer.aidhe.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:

- **Technical Manager**
OMNOVA Solutions Inc.
- **Chemical Incident Investigator**
US Chemical Safety and Hazard Investigation Board
- **Director, Engineering**
Genentech
- **Development Specialist II – Cryogenic Systems**
Praxair, Inc.
- **Sr. Project Engineer**
Performance Minerals North America
- **Subsea Process Control Engineer**
FMC Technologies
- **Chemical Engineer/Sr. Chemical Engineer**
Infinity Pharmaceuticals
- **Scientist, Process Engineering**
Firmenich Aromatics China Co., Ltd.
- **Process Development Chemist**
ColomerUSA
- **Sales Manager, Higher Olefins and Derivatives**
Shell Chemicals

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.™

Process Modeling and Crude Assay Database Specialist

ExxonMobil Process Research Laboratories located in Annandale, New Jersey has an immediate opening for a Process Modeling and Crude Assay Database Specialist. The specialist will provide technical support in the area of modeling of refinery processes and operational support maintaining crude assay databases.

Primary functions include working with a multi-disciplinary team to update, enhance and support crude assay databases and existing complex refinery process models and developing new process models and graphic user interfaces.

Qualified candidates must have a B.S. or M.S. in Chemical Engineering or related field and demonstrated work experience with programming, software development and maintenance of code. Experience in code development and code deployment in a distributed environment is also required. Additionally, a strong fundamental understanding of chemical engineering and a demonstrated ability to work in teams is expected.

Successful candidates are preferred to have the following additional knowledge and skills:

- Strong computer skills with specific proficiency with chemical engineering related computer programs
- Working knowledge of APL programming language
- Knowledge of crude oil chemistry
- Working knowledge of common analytical techniques: GC, MS, HPLC, Spectroscopy
- Knowledge of refinery processes, such as hydroprocessing, hydrocracking, fluid catalytic cracking, reforming, coking, distillation and extraction.
- Experience in kinetic modeling

ExxonMobil offers an excellent working environment and a competitive compensation and benefits package. Please submit your resume with cover letter to our website at www.exxonmobil.com/ex and apply to Process Modeling and Crude Assay Specialist.

**ExxonMobil is an
Equal Opportunity Employer**

ACADEMIC OPENINGS**THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING FACULTY POSITIONS**

The Department of Chemical and Biomolecular Engineering (CBME) at the Hong Kong University of Science and Technology is inviting applications for tenure-track faculty positions at the Assistant Professor rank. Higher ranks may be considered only for truly meritorious cases. Applicants should have a PhD degree in chemical engineering or related fields. Outstanding candidates from any chemical engineering research area will be considered. Preference, however, will be given to those with a proven record in particular research areas consistent with the Departmental strategic plan, namely, advanced materials/nano, environmental/energy, process systems engineering, and bioengineering. The successful candidates are expected to be able to develop strong, independent and innovative research programs, and be capable of teaching chemical and biomolecular engineering courses at both undergraduate and postgraduate levels. The salary is highly competitive with generous fringe benefits. Initial appointment will normally be on a three-year contract, renewable subject to mutual agreement. A gratuity will be payable upon successful completion of contract. **Applications together with curriculum vitae, research and teaching plans, and the names and addresses of three referees should be sent to: Professor Yongli Mi, Search and Appointments Committee Chair (email: cbmehire@ust.hk), Department of Chemical and Biomolecular Engineering, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong.** Review of applications will start in mid-May 2011 and will continue until suitable appointment is made. For further details of the Department and its current research activities, please refer to www.cbme.ust.hk. (Information provided by applicants will be used for recruitment and other employment-related purposes.)

FACULTY POSITION IN CHEMICAL ENGINEERING AT ARIZONA STATE UNIVERSITY

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

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

**TO PLACE A RECRUITMENT AD****CONTACT:**

Denise DeLuca Mallon,
*Global Recruitment
Sales Manager*

Tel: 646-279-2149

Email: denid@aiche.org



Taking on the world's toughest energy challenges.™

Member of the Technical Staff Catalytic Materials Chemistry

ExxonMobil Research and Engineering Co., a wholly owned subsidiary of Exxon Mobil Corp., has an immediate opening for a Member of the Technical Staff at its Corporate Strategic Research laboratory in Clinton, NJ.

Candidates are sought to fill a research position in the area of Catalytic Materials Chemistry. A strong background in the preparation of solid-state materials that have potential for heterogeneous catalysis is essential. A Ph.D. in solid state chemistry, inorganic chemistry, chemical engineering, materials science, or chemistry with a focus on materials synthesis is required. Candidates at all levels of professional experience will be considered. A successful candidate should have demonstrated creativity in the synthesis of novel materials with potential applications in heterogeneous catalysts. The candidate should also have experience in, or at least familiarity with, using advanced characterization techniques such as NMR, TEM or X-ray absorption (EXAFS, XANES). Additionally the candidate should have a solid understanding of the principles of catalysis.

The successful candidate is expected to discover and develop new catalytic materials by applying his/her expertise in material science, solid state chemistry, inorganic chemistry and/or chemical engineering. The primary application fields are related to metal or mixed metal oxides, metal sulfides, metals/alloys and other metastable materials with potential catalytic applicability in refining and petrochemicals. The goal of the research is to establish fundamental structure function relationships of the new materials.

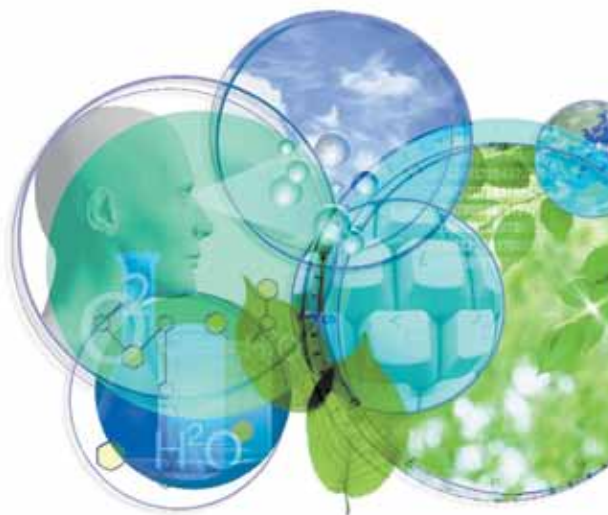
The successful candidate is expected to become an expert in catalytic materials, demonstrate scientific leadership, build strong and productive collaborations internally and with outside research organizations, and contribute to internal and external scientific publications. Excellent verbal and written communication skills are essential.

ExxonMobil offers a competitive compensation and benefits package and a broad range of career opportunities. Please submit your application letter and resume at our website at www.exxonmobil.com/ex and apply for the Catalytic Materials Chemistry position.

**ExxonMobil is an
Equal Opportunity Employer**

GE Power & Water
Water & Process Technologies

GE is working for a better future.
Are you ready?



For the past 130 years, GE has been solving the world's problems through innovation and expertise. GE's Water & Process Technologies business brings together experienced professionals and advanced technologies to solve the world's most complex challenges related to water availability and quality, increased productivity, cost reduction, and environmental regulations.

We are seeking curious and innovative people to join our team. If you're looking for a place to unleash your creativity, explore GE.



imagination at work

To view current opportunities in GE's Water & Process Technologies business, visit <http://bit.ly/GEWaterTech> today, or view all jobs at <http://www.ge.com/careers>.

To stay current on GE news, interesting information and hot opportunities, follow us at <http://www.twitter.com/geconnections> or text follow GEConnections to 40404.

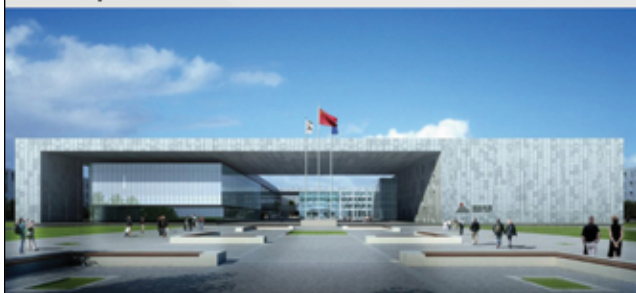


Immediate Openings at NICE (National Institute of Clean-and- low-carbon Energy) 北京低碳清洁能源研究所

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

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

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



PLAN TO PARTICIPATE AIChE ONLINE CAREER FAIR MAY 17-18, 2011

<http://www.aiche.org>
click CareerResources then Career Fair

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.



Northeastern University College of Engineering

Faculty Opening in Chemical Engineering Department at Northeastern University

The Department of Chemical Engineering at Northeastern University in Boston, MA invites applications for a tenure track position. Outstanding candidates at any level of seniority may apply. Research areas of interest include (but are not limited to) catalytic materials associated with alternative energy, soft materials, and systems and synthetic biology. These areas have been identified as strategic areas of growth within the department to complement existing strengths in materials engineering and biological engineering.

Senior-level candidates should have a doctoral degree in chemical engineering or other closely related disciplines and a demonstrated record of interdisciplinary research with national and international collaborations in both academia and industry, and recognition for accomplished and innovative teaching. It is expected that successful senior candidates will be individuals who currently lead active and substantial research programs.

How To Apply:

Applications should include (1) a CV, (2) research statement, (3) teaching statement, and (4) a list of 5 references with relationship and contact information specified. To apply, please visit the College of Engineering website, <http://www.coe.neu.edu/coe/> and click on Faculty Positions; the position is listed as requisition number 113719. Questions regarding this position should be directed to cheme_search@coe.neu.edu.

Equal Employment Opportunity:

Northeastern University is an Equal Opportunity, Affirmative Action Educational Institution and Employer, Title IX University. Northeastern University particularly welcomes applications from minorities, women and persons with disabilities. Northeastern University is an E-Verify Employer.