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POSITIONS AVAILABLE

TECHNICAL DIRECTOR

Requirements are a BS in Chemical Engineering with a minimum of 10 years of both process and production experience. Duties will include process development of new products, process improvement of existing products, project implementation, and interacting with customers to facilitate their requirements. An entrepreneurial spirit is a plus for developing new products. Experience in batch operations is preferred over continuous. This position will also serve as a backup for the Plant Manager and will supervise the Quality Control lab. We are a small, privately held specialty chemical manufacturer located in a very desirable coastal city in North Carolina. **Please email resumes to resume@oak-bark.com. They may also be faxed to 910-762-9223.**

SENIOR R&D PROCESS ENGINEER - FRITO LAY

Join a new Process Technology Research Center chartered with identifying new process opportunities in support of tasty and healthier snacks, developing breakthrough processes to enhance Frito Lay capability, and building strong external networks to maintain advantage in new technology platforms. The Senior Process Engineer will identify and research emerging and alternative processes in support of the tasty and healthier snacks initiative. He/she will be expected to evaluate potential new processes against specific technical and business criteria and lead the evaluation of each technology's commercial feasibility and viability. Must have: • MS Degree in ChE, ME or related area with 5+ years experience in process development or PhD in ChE, ME or related area with 3 years experience. • Process development and scale up experience in process intensive industry (i.e. petrochemical, pulp and paper). • Experience in dealing with external research organizations (universities, government, suppliers). • Ability to work cross functionally and in partnership with other process development efforts within Frito Lay. Frito Lay is part of the Global PepsiCo family joining Pepsi Beverages, Quaker Foods, Gatorade and Tropicana. Frito Lay is located in Plano, TX, just 25 miles from Downtown Dallas. Frito Lay's culture is dynamic, fast paced, collaborative and innovative. **Visit www.fritolayjobs.com. Register as a new user. Under the Search for Jobs column, select Detailed Search. In the Job ID field, enter Job ID 10366.**

RESEARCH SCIENTIST

Higher Dimension Materials, Inc. (HDM) is looking for a creative Research Scientist to engage in long term research and development involving new materials and new energy sources. HDM is an R&D company that is committed to developing new technologies and providing a creative environment for its research scientists. The company is internally funded by its growing SuperFabric® brand material business. SuperFabric® brand material is a protective engineered composite material (for more information, see www.SuperFabric.com). The applicant must have a PhD in physics, materials science, chemical engineering or a closely related field and should have a strong motivation to conduct high-quality research to solve challenging R&D problems. The ideal candidate will have a good knowledge of condensed-matter physics, materials science, complex fluids, and/or soft-matter physics. The applicant is expected to be able to construct theoretical or computational models as well as carry out basic key experiments. Research will involve work aimed at entirely new technologies as well as work aimed

at creating new advanced SuperFabric® brand materials. HDM is an equal opportunity employer and provides competitive pay with excellent benefits. **Send resume to: Human Resources, Higher Dimension Materials, Inc., 570 Hale Avenue, Oakdale, MN 55128 or email lburrell@hdmri.com.**

HAZOP Engineer

Kenexis Consulting Corp. has an opening for a HAZOP facilitator in our Columbus, OH office. Requires background in chemical & process engineering, and safety/risk analysis including experience in HAZOP/LOPA facilitation. Education/Exp: B.S. in chemical engineering strongly preferred — other educational background considered with extensive relevant work exp., prior work (2+ years) experience in chemical industries is required. Travel to customer sites is mandatory (up to 50%). Excellent communication skills are essential. Kenexis offers competitive salary, benefits, & performance incentives. Visit our website for more information. **Submit resume to Info@Kenexis.com.**

MULTIPLE PROCESS ENGINEER POSITIONS

Bratney Companies is currently seeking personnel for multiple Process Engineer positions in the Biodiesel Department to work on engineering projects involving biodiesel facilities; perform process engineering calculations and detail design requirements for production facilities; assist in the preparation of client project proposals, and in defining initial project scope on the basis of client input; interface with external and internal engineering personnel toward ensuring that all design details, specifications, and plans for production facilities are functional, safe, and adequate as per project scope and schedule; interface with regulatory consultants for technical support of air and water emission permit preparation and approval; perform chemical engineering calculations involving heat and material balances, equipment sizing and specifications, hydraulics, and utilities requirements; and make European equipment specifications appropriate for use in the United States toward ultimately accomplishing the substitution of domestic goods of comparable performance, the likes of which are more readily available to domestic clientele. Educational Requirement: Master's degree or foreign equivalent in Chemical Engineering or related engineering discipline. Knowledge Requirement: Biodiesel knowledge specifically involving design, construction, startup, and operations support. Employer will accept coursework or experience in demonstration that applicants have the required knowledge. **Interested candidates please send resume to 3400 109th Street, Des Moines, IA 50322 or email careers@bratney.com.**

SOUTHERN RESEARCH

TECHNICAL EXPERT / BUSINESS DEVELOPER

Southern Research is one of the world's leading not-for-profit research institutes, conducting research and development in the life sciences, engineering, energy, and the environment. To support ongoing R&D projects and strategic growth initiatives, we are searching for a recognized expert and business developer in the area of hot-gas cleanup research. The ideal candidate will possess an advanced degree in chemical engineering, chemistry, or related field, and will have 10+ years of experience in hot-gas cleanup research, testing, and commercialization. Experience in at least three of the following areas is preferred: syngas desulfurization, tar cracking, ammonia removal, hot-gas filtration, and/or CO₂ capture. Strong contacts in government agencies and industry is a plus. Southern Research is an EEO/AA Employer. **Apply online at www.southernresearch.org, for position no. SR-01984.**

PROCESS SYSTEMS ENTERPRISE, INC., CONSULTING ENGINEER, CHEMICAL PROCESS MODELING SOFTWARE, CEDAR KNOLLS, NJ

Acquires, manages & executes modeling projects using gPROMS chemical process modeling software. Req. B.Sc. in Chem Eng. + 2 yrs exp. **Send résumé to: HR Dept., Process Systems Enterprise, Inc., 2 Ridgedale Ave., Ste. 202, Cedar Knolls, NJ 07927.**

PROCESS DEVELOPMENT ENGINEER

If you are passionate about renewable energy, ThermoChem Recovery International has an exciting opportunity for a Process Development Engineer to help build a pathway to a sustainable, secure and climate friendly bio-future. Please see www.tri-inc.net for information regarding TRI's innovative technology. Candidate must have BS or MS degree in chemical engineering, 5-10 years relevant industry experience, working knowledge of process simulation software and AutoCad, U.S. citizenship or permanent residency status and excellent problem solving and communication skills. Competitive salary and benefits. **Please send resume and professional references to krecor@tri-inc.net.**

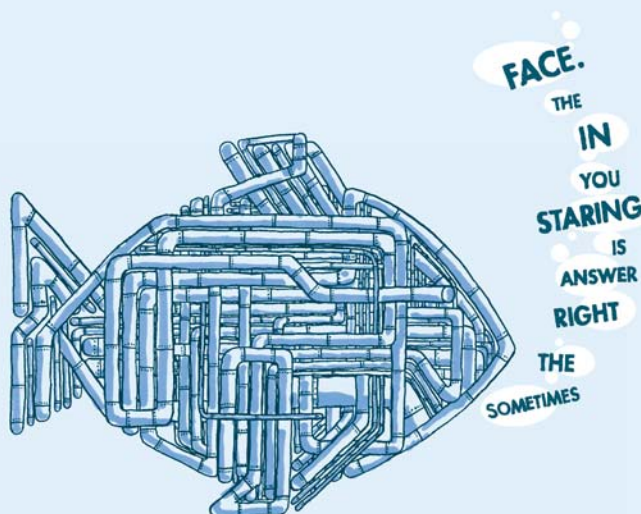
**MOLECULAR BIOLOGIST
SAN DIEGO, CALIFORNIA**

Sapphire Energy is a venture capital backed company developing next generation biofuels based on recent advances in metabolic engineering. The company focus is the commercialization of high performance, low cost, and low carbon biofuels that will substitute for conventional gasoline, diesel, and jet fuel. Job Description: Seeking an experienced molecular biologist with skilled expertise in high-throughput molecular biology. Requirements: Doctoral or Master's degree in biomedical (or related field), with a minimum of 3+ years of applicable industry experience. The candidate must be a team player with strong organizational skills, and written/verbal communication skills. Responsibilities: The successful candidate will lead a small team developing and performing for high throughput screening assays for cloning, PCR, restriction digestion analysis, DNA sequencing, and protein expression in microbial expression systems. The ideal candidate will collaborate and contribute in a team environment. Sapphire offers very competitive compensation packages (including bonuses and equity) and an attractive benefits package (health, dental, vision insurance, 401k, and paid time off). **To apply, please send your CV and cover letter to human.resources@sapphirefuel.com.**

**ANALYTICAL CHEMIST
SAN DIEGO, CALIFORNIA**

Sapphire Energy is a venture capital backed company developing next generation biofuels based on recent advances in metabolic engineering. The company's focus is the commercialization of high performance, low cost, and low carbon biofuels that will substitute for conventional gasoline, diesel, and jet fuel. Job Description: We seek an experienced analytical chemist to design and implement high-throughput GC and HPLC analyses to support the metabolic engineering program. Requirements: • Advanced degree in Chemical

Engineering/Chemistry or a related discipline, and 3 or more years of industrial (or equivalent postdoctoral) experience using modern analytical equipment (GC-MS, LC-MS). Experience with high-throughput formats is highly desired. • Experience troubleshooting HPLC, GC, and GC/MS instrumentation. • Strong, hands-on wet chemistry skills and sample preparation knowledge, including extractions. • Analytical computation, basic statistical analysis, laboratory record-keeping, and data presentation are required. • Basic understanding of molecular biology and biochemistry concepts. • Due to the highly collaborative nature of this position, interpersonal and communications skills will be extremely important. • Proficiency in writing and oral presentations. Sapphire offers very competitive compensation packages (including bonuses and equity) and an attractive benefits package (health, dental, vision insurance, 401k, and paid time off). **To apply, please send your CV and cover letter to human.resources@sapphirefuel.com.**



IDEAS PEOPLE WANTED

**PRODUCTION & MANUFACTURING ENGINEERS
US LOCATIONS**

Ever asked yourself how fish swim in sub-zero waters without freezing? We did. That's how we came up with the idea for a new chemical that stops hydrate plugs forming in our deepwater pipes – based on a protein that engulfs ice crystals inside the fish's body.

Fresh thinking, innovation, even leaps of imagination are part of our daily lives at Shell. And right now we're looking for more people to join us, including:

- Chemical Engineers
- Control Systems Engineers
- Rotating Equipment Engineers
- Fixed Equipment Engineers

Can you apply a creative mind to some of the world's biggest energy challenges?

For career opportunities with Shell, visit www.shell.com/careers/technical
→ Job Search → Region → Americas and quote reference FIS237A when you apply.

Shell is an Equal Opportunity Employer.



TECHNICAL SALES ENGINEER

Amistco Separation Products, Inc. is an aggressive, growing company in the Tower Internal market and is seeking well organized, detail oriented Chemical/Process Engineers for our Mass Transfer product group.

Inside Applications Proposal Engineer. Design review, cost estimation through proposal for trays, structured & random packings, distributor, supports, etc. This position is located in Alvin TX.

Outside Sales Engineers. Candidate must possess strong background with related products, contacting refineries, chemical plants, E&C/vessel fabricators etc. Positions are available in the Gulf & West Coast regions

Requirements:

- Candidates must possess significant exposure to real applications and issues associated with the gas, oil, refining, and petrochemical products.
- Analytical capability as required in reviewing, assessing and interpreting customer requirements and developing responsive design specifications.

Compensation/ Benefits: Competitive wages & benefits, commensurate with past experience.

For additional information please contact:

Steve Keogh 281-331-5956 ext. 308

www.amistco.com



FUEL CHEMIST SAN DIEGO, CALIFORNIA

Sapphire Energy is a venture capital backed company developing next generation biofuels based on recent advances in metabolic engineering. The company's focus is the commercialization of high performance, low cost, and low carbon biofuels that will substitute for conventional gasoline, diesel, and jet fuel. Job Description: We seek an experienced Fuels Chemist to characterize and test Sapphire's fuel products. Responsibilities:

- Design and implement experiments to test the fuel properties of potential fuel molecules.
 - Extract, purify and test organic compounds from biomass and bioreactors as advanced biofuels.
 - Make major contributions to the company's intellectual property portfolio, publications in the scientific literature and at conferences.
 - May act as a project leader with direct reports and may have full responsibility for completion of key parts of projects.
- Requirements:
- PhD degree in Chemical Engineering/Chemistry or a related discipline +5 or more years of industrial (or equivalent postdoctoral) experience in the petroleum industry with evaluation of transportation fuels and blending components using ASTM methods.
 - Excellent knowledge of chemical engineering/catalysis/organic/analytical chemistry along with a basic understanding of molecular biology and biochemistry concepts.
 - Knowledge of fermentation and downstream process separations and product recovery

processes is highly desirable.

- Expertise in using modern analytical equipment (GC-MS, LC-MS).
- Due to the highly collaborative nature of this position, interpersonal and communications skills will be extremely important.
- Proficiency in writing and oral presentations.

Sapphire offers very competitive compensation packages (including bonuses and equity) and an attractive benefits package (health, dental, vision insurance, 401k, and paid time off). **To apply, please send your CV and cover letter to human.resources@sapphirefuel.com.**

SENIOR DIRECTOR OF METABOLIC ENGINEERING, SAN DIEGO, CALIFORNIA

Sapphire Energy is a venture capital backed company developing next generation biofuels based on recent advances in metabolic engineering. The company focus is the commercialization of high performance, low cost, and low carbon biofuels that will substitute for conventional gasoline, diesel, and jet fuel. Job Description: We are seeking an exceptional scientist to lead and manage our metabolic engineering program (20+ researchers) metabolic engineering in microbial systems for the production of petrochemicals. Responsibilities:

- Develop and manage the metabolic engineering program.
- Accountable for achievement of technical and business milestones.
- Manage recruiting, development, and evaluation for ME program.

Requirements:

- Excellent scientific credentials.
- Ph.D. in microbiology, biochemistry, molecular biology, biochemical engineering, or a related field.
- Experience with microbial genetics, protein biochemistry/enzymology, and analytical biochemistry.
- 10+ years of industry applicable experience in the areas of microbial metabolism and/or metabolic engineering.
- Worked on scientific problems of "major" scope.
- Proven track record in tackling scientific challenges.
- Experience leading teams of 12+ researchers or more.

Sapphire offers very competitive compensation packages (including bonuses and equity) and an attractive benefits package (health, dental, vision insurance, 401k, and paid time off). **To apply, please send your CV and cover letter to human.resources@sapphirefuel.com.**

SRI CONSULTING PROJECT MANAGER/PROCESS ENGINEER

Chemical engineer to join its Process Economics Program (PEP). Location is The Woodlands, TX or Menlo Park, CA. Develop conceptual designs, cost for processes used in chemical and energy industries. Process evaluations and feasibility studies for individual clients. Degree in chemical engineering or chemistry and 8-10 years of experience in process design and project management. MBA is a plus. SRI Consulting is the world's leading business research service for the global chemical

industry. www.sriconsulting.com. **Sandi Lucas, SRI Consulting, jobs@sriconsulting.com, Phone : 650-384-4318, Fax : 650-384-4273.**

BIOLOGICAL ENGINEERING & NEW TECHNOLOGY ASSOCIATE

We are currently seeking a New Technology Associate for our New Technology Initiatives team. In this position, the successful individual will act as a key contact for the Nanoscale Science and Engineering Forum and a resource for the Society for Biological Engineering. They will develop monthly newsletters; develop and implement programming, marketing and sponsorship/exhibits at meetings; lead efforts to attract new members; develop membership campaigns; process invoices/check requests; manage databases; analyze membership trends. BS degree in chemical or biological engineering or equivalent; 2-3 years work experience preferred; proficiency in Excel, PowerPoint, and Word is required; experience in MS Access preferred; excellent writing skills required; strong communication and interpersonal skills; strong attention to details and proofreading skills; ability to follow-through; ability to effectively work with individuals and groups at all levels; good presentation skills; ability to build and sustain relationships; a team player; experience in chemical, energy or biotech industry desirable; other projects as assigned by direct supervisor; 20% travel is required. **Interested candidates may send their cover letter and resume to recruitment@aiche.org. Please note the title of the position in the subject line of the e-mail.**

ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF PUERTO RICO, MAYAGÜEZ, invites applications for tenure-track faculty positions. Candidates with a strong commitment to research and undergraduate and graduate education are encouraged to apply. **Please send curriculum vitae, a description of research and teaching interests, and the names, addresses, telephone numbers and e-mail addresses of three references in PDF format to Prof. David Suleiman, Department Chair, at dsuleiman@uprm.edu or mail to Prof. David Suleiman, Department Chair, Department of Chemical Engineering, University of Puerto Rico, Mayagüez, PO Box 9046, Mayagüez PR 00681.** Positions will remain open until filled. The University of Puerto Rico is an Equal Opportunity Employer. Women and members of under-represented groups are encouraged to apply.

SEE MORE JOB LISTINGS ONLINE!

www.aiche.org/CareerResources



THE UNIVERSITY OF WESTERN ONTARIO, FACULTY OF ENGINEERING, DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING

Applications are invited for a faculty position in the area of: Green Engineering and Alternative Energy. The Department of Chemical and Biochemical Engineering (<http://www.eng.uwo.ca/chemical/>) invites applications from qualified individuals to a position in the area of Green Energy and Alternative Energy. The successful candidate will be appointed at the level of Assistant Professor or Associate Professor (probationary tenure track). Exceptional candidates will be considered for a tenured appointment at the Associate Professor or Professor rank, commensurate with qualifications and experience. The Department of Chemical and Biochemical Engineering is one of four departments in Western Engineering (<http://www.eng.uwo.ca>). Situated in picturesque London, Ontario, a city with a population of approximately 348,000 along the banks of the Thames River, The University of Western Ontario is a prominent academic institution that has made a commitment to excel as a research intensive university. Embracing this mission, Western Engineering is committed to hiring in areas of identified priority. Our strategy is to offer a mid-sized undergraduate program where students receive more customized education, and to develop our graduate programs aiming to broadly achieve international stature. We seek energetic and dynamic candidates who will be able to positively contribute to both teaching and research efforts of our Department. The successful candidate will have a Ph.D. degree in Chemical Engineering or in related engineering disciplines and will have demonstrated an outstanding record of research and publication. The successful candidate will be expected to: maintain an ongoing vigorous research program in Green Engineering and Alternative Energy related to one or more of the four identified research initiatives of the department (Biomaterials & Biochemical Engineering, Environmental & Green Engineering, Reaction & Process Systems Engineering, and Particle Technologies & Fluidization); collaborate with existing faculty; attract external research funding; supervise graduate students; instruct in undergraduate and graduate courses; and participate in other edu-

cational and professional activities. The candidate will be expected to participate in the normal administrative activities of the Department, Faculty and University. Commitment to or eligibility for registration as a Professional Engineer in Ontario is required for this appointment. **Those applying for this position should forward curriculum vitae and the names and addresses of three referees to: Dr. S. Rohani, Chair Department of Chemical and Biochemical Engineering, The University of Western Ontario, London, Ontario, Canada N6A 5B9. We also welcome e-mail inquiries and submissions at: rohani@eng.uwo.ca** Application end date is April 30, 2008 or until position is filled. Position is subject to budget approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

UNIVERSITY OF CALIFORNIA, BERKELEY DEPARTMENT OF CHEMICAL ENGINEERING, ASSISTANT PROFESSOR

University of California, Berkeley, seeks applicants at the Assistant Professor (tenure-track) level for a faculty position effective July 1, 2008 in the Department of Chemical Engineering. Of particular interest are persons whose research involves biomaterials, biochemical and/or biomedical engineering. However, creative and energetic individuals who show extraordinary promise or accomplishment in any area will be considered. We require a PhD in Chemical Engineering or a closely related discipline. **To apply, please send a curriculum vitae, detailed statements of research and teaching interests, and names and addresses of three references to: Chair, Search Committee, Department of Chemical Engineering, University of California, Berkeley, CA 94720-1462.** Applications submitted after 15 April 2008 will not be considered, and earlier application is encouraged. The University of California is an Equal Opportunity, Affirmative Action Employer.



Faculty Positions Nanotechnology Engineering - University of Waterloo

The departments of Chemistry, Chemical Engineering, and Electrical & Computer Engineering at the University of Waterloo invite applications for several positions at the Assistant, Associate, and Full Professor levels. The positions are part of the University's expansion in Nanotechnology Engineering (NE), which includes a new undergraduate degree program in NE (<http://www.nanotech.uwaterloo.ca>). The initiative is a cross-disciplinary partnership between the three departments which are home to more than 140 faculty members and 600 graduate students.

Applications are invited from excellent candidates in the fields of nanoscience and nanotechnology with **primary emphasis** in the areas of micro/nano instruments (e.g., nanoscale spectrometry, fluidics) and nanobiosystems (e.g., nanomedicine, biomaterials). Other areas, such as nanoelectronics (e.g. quantum structures, molecular electronics) and nanomaterials (e.g., nanocrystals, nano-engineered membranes) may also be considered. The successful candidates are expected to establish world-class, independent, externally-funded research programs in a research-intensive cross-disciplinary environment. The departments involved in the creation of the NE program are already home to state-of-the-art characterization, analysis, and synthesis research facilities including cleanroom laboratories for nanoscale structures and devices. Excellent research and teaching lab facilities are being established across the university, including a new building complex with lab clusters for nanotech research.

The candidates are also expected to develop and teach a broad range of innovative undergraduate and graduate courses in nanoscience and nanotechnology. Interested candidates should forward their curriculum vitae, the names of four referees, a short description of research accomplishments, a teaching statement and a research statement. They may also indicate the department(s) they wish to be affiliated with. The positions will remain open until they are filled.

Applications should be sent to:

**Faculty Hiring Coordinating Officer, Nanotechnology Engineering Program
University of Waterloo, 200 University Avenue West, Waterloo, Ontario N2L 3G1, Canada.
E-mail: nefacultyhiring@nanotech.uwaterloo.ca
(Electronic submissions welcomed)**

With a student population of 22,000 and six faculties, the University of Waterloo has been rated as the most innovative university in Canada for the 13th year in a row. Located about 100 km from metropolitan Toronto, the University of Waterloo is in the Region of Waterloo with a population of 500,000. The area is in the heart of Canada's technology triangle and enjoys one of the fastest growths in Canada. All qualified applicants are encouraged to apply; however, Canadian Citizens and permanent residents will be given priority. The University encourages applications from all qualified individuals, including women, members of visible minorities, native peoples and persons with disabilities. Candidates are expected to become eligible for Professional Engineering registration in Ontario.

CHEMICAL AND BIOLOGICAL ENGINEERING DEPARTMENT DEPARTMENT CHAIR (REF #00031265)

The Chemical and Biological Engineering Department at the Missouri University of Science and Technology (formerly the University of Missouri-Rolla) is seeking applications and nominations for the position of Department Chair. Candidates must have a PhD in Chemical Engineering and shall be eligible for tenure and to hold the rank of full professor, or be qualified for tenure and appointment at the rank of full professor, at the time of assuming the position. The candidate should have a strong record of research and teaching as evidenced by a continuous record of competitively funded research, scientific publications, and student satisfaction. Knowledge of and experience with departmental operations and academic accreditation are highly desirable. Prior administrative experience is desirable but not required. Research areas are open but preference will be given to those at the frontier of Chemical Engineering research, such as bioengineering, materials sciences, and renewable energy. The successful candidate must have strong interpersonal skills, leadership abilities, and have demonstrated either the capacity to manage an academic unit, or the potential to do so. The Chemical and Biological Engineering Department has twelve full-time faculty members, including the Department Chair who reports directly to the Provost. The Department grants BS, MS, and PhD degrees, offers a Biochemical Engineering Emphasis Program and nearly fifty percent of its faculty are involved in Bio-related research. Departmental research activities are detailed further on our web site, chemeng.mst.edu. Missouri University of Science and Technology is a land-grant institution that is part of the University of Missouri System, has an enrollment of 6000 students, and more than one-half its student population are engineering majors. It is established in the town of Rolla, a community of 18,000 people located in the scenic Ozark woodlands just 90 minutes away from the city of

St. Louis. The Chair position will become available on July 1, 2008. Applicants must include (i) a letter of interest, (ii) a detailed current curriculum vitae that also provides evidence of administrative and leadership experience, (iii) statements of research and teaching interests, and (iv) names and contact information of five professional references. In addition, the applicant must submit copies of three peer reviewed publications representative of research achievements. Screening of applicants will begin on April 15, 2008 and applications will be accepted until the position is filled. **Applications must be submitted to: Human Resource Services (hrsinfo@mst.edu), Reference # 00031265, Missouri University of Science and Technology, 300 W. 13th Street, 113 University Center, Rolla, MO 65409-1050.** Questions should be directed to the chair of the search committee, Professor A. I. Liapis, at ail@mst.edu. Missouri S&T is an AA/EEO employer. Females, minorities, dual career couples, and persons with disabilities are encouraged to apply.

TENURE-TRACK ENGINEERING FACULTY POSITION IN ENERGY

The Thayer School of Engineering at Dartmouth is developing a distinctive research and education program addressing technology responsive to societal energy challenges, and seeks to hire a faculty member who can contribute to this objective. The successful candidate will have a doctorate in engineering or closely related field, will show promise of leading an externally-funded laboratory research program targeting transformational advances in energy conversion and/or utilization, and will be a gifted teacher with motivation and expertise that complements the Thayer School's interdisciplinary curriculum. All fields of engineering will be considered, including but not limited to materials, chemical, electrical, mechanical, and thermal/fluids. A hire at the Assistant Professor rank is anticipated, although outstanding candidates at the

RESEARCH ASSOCIATE FOR ENERGY TECHNOLOGY



FLSA Status: Exempt

Compensation: Salary commensurate with qualifications and experience.

College Web Site: www.ccny.cuny.edu

Notice Number: MP14813

Closing Date: Open until filled with review of applications to begin on or after March 20, 2008.

POSITION DESCRIPTION AND DUTIES

The position is for a research associate in the Department of Chemical Engineering at the City College of New York. This position will be associated with the Institute for Sustainable Energy Technology (ISET), which is a major research effort in several areas, a primary one being energy storage systems such as large-scale batteries and rechargeable fuel cells. The successful candidate will be expected to contribute the research efforts of the Institute. The candidate will play a major role in developing the research program and carrying out the experimental research of the Institute with respect to the area of electrochemical flow batteries.

QUALIFICATION REQUIREMENTS

The applicant must have a PhD in either chemical engineering or a related field. Experience in electrochemical engineering, particularly as it applies to energy storage is highly desirable. Postdoctoral or industrial experience is also desirable.

TO APPLY

Submit a curriculum vitae, a brief summary of research interests and experience, and three letters of reference to: **Irven H. Rinard, Professor and Chair, Department of Chemical Engineering, The City College of New York, 160 Convent Avenue, ST 323, New York, NY 10031, (212) 650-7135, dranir@gmail.com.**

The City University of New York is an Equal Employment Opportunity/Affirmative Action/Immigration Reform and Control Act/Americans with Disabilities Act Employer

CITY COLLEGE IS 

ASSISTANT PROFESSOR - CHEMICAL ENGINEERING



FLSA Status: Exempt

Compensation: Salary commensurate with qualifications and experience.

College Web Site: www.ccny.cuny.edu

Notice Number: FY14747

Closing Date: Open until filled with review of applications to begin March 4, 2008.

POSITION DESCRIPTION AND DUTIES

The position is for a tenure track assistant professor in the Department of Chemical Engineering at the City College of New York. This position will be associated with the Institute for Sustainable Energy Technology (ISET), which is initiating a major research effort in several areas, a primary one being energy storage. The successful candidate will be expected to contribute to both the research efforts and curriculum development for the Institute. Since the Institute is in the initial phase of start-up, the candidate will be expected to play a significant role in this activity.

QUALIFICATION REQUIREMENTS

The applicant must have a PhD in either chemical engineering or a related field. Experience in electrochemical engineering, particularly as it applies to energy storage is highly desirable. Postdoctoral or industrial experience is also desirable.

TO APPLY

Submit curriculum vitae, a brief summary of research interests and experience, a statement of teaching philosophy, and three letters of reference to: **Irven H. Rinard, Professor and Chair, Department of Chemical Engineering, The City College of New York, 160 Convent Avenue, ST 323, New York, NY 10031, (212) 650-7135, dranir@gmail.com.**

The City University of New York is an Equal Employment Opportunity/Affirmative Action/Immigration Reform and Control Act/Americans with Disabilities Act Employer

CITY COLLEGE IS 

Associate Professor level will be considered. Review of applications will begin September 1, 2008 with interview visits anticipated in the fall. **A complete CV, research and teaching statements, and contact information for three references should be sent to: Prof. Lee R. Lynd, Energy Search Committee Chair, at Thayer School of Engineering at Dartmouth College, 8000 Cummings Hall, Hanover NH 03755-8000 or by e-mail at engineering.faculty.search@dartmouth.edu.** Dartmouth is an equal opportunity/affirmative action employer and has a strong commitment to diversity.

CHEMICAL ENGINEERING DEPARTMENT, ROSE-HULMAN INSTITUTE OF TECHNOLOGY, VISITING ASSISTANT PROFESSOR

Interested in teaching? The Department of Chemical Engineering at Rose-Hulman Institute of Technology seeks candidates with a promise of excellence in teaching and an interest in the individual student. We anticipate a possible sabbatical leave replacement visiting position at the assistant professor level starting Fall 2008. **Please submit (1) your curriculum vitae, (2) a statement of teaching philosophy and teaching interests, (3) a statement of plans for professional development, and (4) contact information for your references to: <https://jobs.rose-hulman.edu/>** For additional inquiry, please contact Dr. Hossein Hariri at: m.h.hariri@rose-hulman.edu. Applications will be accepted until the position is filled. EEO/AA.

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www.aiche.org/CareerResources

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Closing date:

3rd Monday of the month prior to that month's issue. Next closing date is April 21, 2008.

Rates:

Word ads are \$4/word (conjunctions not counted).

Simply e-mail a word document to denid@aiche.org. Contact 212-591-7170 or denid@aiche.org for recruitment display ad and guidelines for submittal.

Web posting:

Classified advertisers receive a \$200/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. AIChE Membership is not required to use CareerEngineer so you'll reach our members and non-members alike. Newly powered by cutting-edge job board technology, you'll find a faster, easier posting process, editing capability, more recruitment options, resume access, convenient tools to manage your candidates, new Gross pricing to recognized agencies, and a larger pool of the high-quality candidates you've come to expect from our professional society. www.aiche.org/CareerResources

UTT
THE UNIVERSITY OF TRINIDAD AND TOBAGO

TOBAGO GAS TECHNOLOGY CONFERENCE 2008

**NEXT GENERATION
ENERGY TECHNOLOGIES**

October 7 - 10, 2008
Hilton Tobago, Trinidad and Tobago, West Indies

Call for Papers and Conference Announcement

This conference focuses on leading research and technological solutions which drive the energy industry, and addresses recent trends in regional and international energy issues.

Abstracts for Paper and Poster Presentations are invited on a wide range of topics, including:

- World and regional energy demand
- Natural gas in the energy supply matrix
- Exploration and production technologies
- New technologies for delivering energy
- Technologies for gas conversion
- Gas conversion kinetics and catalysis
- Modeling and optimisation in energy/process systems
- Opportunities for improving energy efficiency
- Mitigating the environmental impact of fossil fuels
- Developments in renewable energy
- Hydrocarbon-related bio-processing technologies
- Energy economics and policy

Deadline date for Abstracts: 29th May 2008

For conference updates, sponsorship information and instruction on submission of Abstracts, visit: <http://u.tt/tgtc>
OR email tgtc2008@utt.edu.tt, or call (868) 636 4125, ext. 3031