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POSITIONS AVAILABLE

PLANT ENGINEER

Position reporting to the Director of R&D involves professional work in research, development, design, operation, evaluation and improvement of processes, plants, equipment, methods or products. The work involves engineering changes in the chemical composition or physical state of materials and requires primarily application of knowledge of the principles and practices of chemical engineering, chemistry and other scientific and engineering disciplines. The successful candidate will plan and design production applications and assemble project teams and be responsible for organizing highly complex activities for the design, development, implementation, and maintenance of engineering projects. Essential Functions: Outline assignments for maintenance and support staff based on skills and abilities. Plan implementation of new technologies. Develop, evaluate, and improve processing methods. Estimate production times, staffing requirements, and related costs to provide information for management decisions. Transition processes from development to production. Oversee process optimization. Additional Responsibilities: Oversee special projects requested by management and review report before issue. Other duties as assigned. Skill/Education:

Bachelor's degree or equivalent in chemical engineering or mechanical engineering. At least eight years of experience in industry at the process level. Strong personal communication and leadership skills. Experience as a department head in the chemical industry or managing processes desired. **Contact Glenda Bunch, Human Resources, Rineco Chemical Industries, 819 Vulcan Rd., Benton, AR 72015, phone: 501-778-9089; e-mail: gbunch@rineco.com.**

ILLES SEASONINGS & FLAVORS, PROCESS ENGINEER

Develops & implements optimal, cost-effective food manufacturing processes, methods & controls in accordance with product specifications & quality standards. Coordinates manufacturing launch for new or revised products. Coordinates regulatory affairs as they relate to facilities & processing. Knowledge of food manufacturing processing is essential. Strong technical skills (math, PC, problem solving, CAD, MS Project, Excel, Word, etc.). Technical skills in manufacturing processes & methods including flow, layout, assembly & production equipment. Bachelor's Degree or higher in Mechanical Engineering, Chemical Engineering or related field. Min. 5 yrs. experience supporting production operations. **Email resumes@illesfoods.com, fax 214-689-1380.**



Washington Group International has incredible career opportunities for experienced Chemical Process Engineers in several of our regional offices including Denver, Colorado and Houston, Texas. We continually seek top-talent contributors to join our team and welcome all interested applicants.

Our company vision is to provide the talent, innovation and proven performance to deliver integrated engineering, construction, and management solutions for businesses and governments worldwide.

Our People, Proven Performance – Every Day

To learn more and apply online go to: www.wgint.com/careers
Use the keywords field to search for and apply directly to the vacancy: **RAMPChemicalEngineers**

Or apply directly by e-mail by sending your resume to **domestic.jobs@wgint.com**



Equal Opportunity Employer



Mainstream Engineering Corporation, an applied R&D company specializing in Energy Conversion technologies for DOD, DOE, NASA, NIST, EPA, and NSF, is seeking a Chemical Engineer to lead programs in combustion, emissions, catalysts, alternative fuels, hydrogen technologies, and related fields.

At Mainstream, you will work in a hands-on environment in all aspects of R&D from initial concept to building and testing prototypes through commercializing products in the energy conversion sub-specialty that you wish to pursue. The position requires a PhD in Chemical Engineering, a U.S. Citizenship, and relocation to Florida.

Interested candidates send your resume to hr@mainstream-engr.com.

www.mainstream-engr.com



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PROCESS SAFETY CONSULTANTS FULL-TIME OR CONTRACT

Primatech Inc., a worldwide leader in providing consulting, training and software in Process Safety and Risk Management seeks experienced consultants to work out of the Houston, TX area. You will provide services in all elements of PSM, including PHA and LOPA studies, PSM program development, audits, RMP services, training course instruction and other specialized areas. You will also be involved in business development activities. You must possess a B.S. in Chemical Engineering or related field and have at least 3 years experience in Process Safety implementation. Experience as a consultant or trainer is also preferred. **Please submit your resume to: employment@primatech.com or Attn: HR Manager/Primatech Inc., 50 Northwoods Blvd. Columbus, OH 43235**

ACADEMIC OPENINGS

INTERESTED IN TEACHING AND IN BIOCHEMICAL ENGINEERING?

The Department of Chemical Engineering at ROSE-HULMAN INSTITUTE OF TECHNOLOGY seeks an exceptional educator and scholar with a promise of excellence in teaching, a strong desire for student interaction in and out of the classroom, and commitment to technical and professional growth. We anticipate an opening for a tenure-track position at any level commensurate with qualifications starting Fall 2007. We expect the candidate to continue to grow our biochemical engineering program. PhD in Chemical Engineering is required. Industrial and teaching experience in the biochemical engineering area is desirable. **Please send (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 at least three references to Dr. Hossein Hariri via email to: m.h.hariri@rose-hulman.edu.** Review of applications will begin immediately and will continue until the position is filled. EEO/AA

TENURE TRACK FACULTY POSITION CHEMICAL ENGINEERING DEPARTMENT TUSKEGEE UNIVERSITY

The Department of Chemical Engineering at Tuskegee University has an opening for a tenure track faculty position at the assistant professor level. Applicants should have a PhD in chemical engineering. The department seeks applicants with commitment to excellence in teaching and research. The position will begin in August 2007. **Interested individuals should send a resume including names of three references and a description of teaching and research interests to Chemical Engineering Department, 513 Luther H. Foster Hall, Tuskegee University, Tuskegee, AL 36088, or via E-mail to vah-datn@tuskegee.edu.** Tuskegee University is an Equal Opportunity/ Affirmative Action Employer.

With its breadth of world-class research and high academic standards, the University of Sheffield is clearly a leading university – and it's also a welcoming one. Staff and students alike appreciate its friendly, supportive culture.

Department of Chemical and Process Engineering

Lecturers (“tenure-track assistant professor”) in Chemical Engineering (4 Posts)

£32,795- £39,160 per annum with the potential to progress to £44,074

As part of a £3.4M (US\$6.7M) award from the UK's Engineering and Physical Sciences Research Council (EPSRC), together with the additional provision of ca. 1000m² (10800 ft²) of new laboratories and offices, Sheffield seeks to build a new centre of excellence of strategic importance, where Chemical Engineers work collaboratively with biologists at the Life Science Interface. A particular focus of this programme is to strengthen interactions with medical disciplines. Sheffield has considerable strength in interdisciplinary working.

As a result of this new initiative, and further University investment, we seek applicants for four Lecturer (“assistant professor”, “tenure-track”) faculty positions effective for the 2007/2008 academic year. In exceptional cases, we would consider applicants at the Senior Lecturer level (“associate professor”). Candidates should have a PhD degree, preferably in chemical engineering or a related field, (or have significant equivalent experience) and be able to teach undergraduate and graduate courses, and supervise Master's and PhD theses.

We are looking for candidates with strong academic records, who will generate imaginative research and teaching programs related to solving life science problems, will engage others in this activity, and become future leaders in biological engineering.

Post A: Analytical technology underpinning – omic measurements

The department has a strong programme in proteomics, and we now seek applicants who can contribute by developing orthogonal measurement technologies and approaches. The interpretation here is very broad. However, work directed towards protein arrays, and metabolite/metabolome analyses would be particularly welcome.

Post B: Multi-scale modeling of biosystems

The department has a vibrant programme of generation of genome-scale data from biological systems ranging from stem cells to yeast and bacteria. We are looking for candidates to develop systems level tools and thinking to exploit the data from such analyses to obtain a systems biology understanding.

Post C: Metabolic Engineering/Synthetic Biology

Experimentalists and modeling applicants are sought in all areas related to metabolic engineering, or in emerging synthetic biology applications. The person would strengthen the department's commitment to this area by development of novel tools and expression/chassis systems.

Post D: Colloids/biocolloids/nanotechnology

The department has strong programme in particle science, and we seek applicants who ideally would work on particle problems at the nanoscale. Ideally the person would carry out research at the nano-bio interface.

The University of Sheffield is one of the United Kingdom's most successful Universities. Sheffield itself is the UK's 4th largest city with a population of approximately 530,000. Sheffield is perhaps best known as a steel city, but deserves to be equally famous for its proximity to the rural charm of the Peak District and for the sense of security and confidence felt by its residents.

Closing Date: 30 March 2007 Ref. R4002

Committed to equality through diversity.

For full details and application pack visit: www.sheffield.ac.uk/jobs or email: jobs@sheffield.ac.uk Tel: 0114 222 1631 (24 hrs) Please quote Ref. in all enquiries.

RESEARCH SCIENTIST, UNIVERSITY OF FLORIDA, GAINESVILLE, FL

Description: Research Scientist available immediately in the Lele laboratory. The Lele laboratory focuses on developing new methods to quantitatively measure macromolecular dynamics inside living cells using a combination of confocal fluorescence microscopy, molecular biology and mathematical modeling approaches. Qualifications: This position requires Ph.D.-level research experience in molecular biology and protein biochemistry. The goal of this project is to develop and validate a new method for determining molecular binding kinetics of protein-protein interactions inside intact cells. Extensive use of imaging techniques like FRAP in combination with mathematical modeling is expected. **Contact: Tanmay Lele, PhD, Chemical Engineering, Museum Road, Bldg 723, Gainesville, FL 32611, Phone: 352-392-0317, Fax: 352-392-9513, Email: tlele@che.ufl.edu. The search committee will begin reviewing applications on February 20, 2007, and will continue until an applicant pool has been established. To apply, please Email a cover letter referencing position number 00007422, resume including relevant experience and the names and contact information of three professional references in .pdf format to the address above.** As part of the application process, applicants are invited to complete an on-line confidential and voluntary self-disclosure card. This information will be used by the University of Florida Faculty Development Office as a means of recording or tracking candidate applications. A self disclosure form can be found at: <http://www.hr.ufl.edu/job/datacard.htm>. The University of Florida is an Equal Opportunity/Affirmative Action Employer.

THE UNIVERSITY OF TOLEDO, COLLEGE OF ENGINEERING TENURE-TRACK FACULTY POSITION IN ENVIRONMENTAL SUSTAINABILITY

The College of Engineering at the University of Toledo invites applications for a tenure-track Assistant or Associate Professor position in Environmental Sustainability, with appointment beginning as soon as Fall 2007. The successful applicant will receive a joint appointment in the Departments of Civil Engineering and Chemical and Environmental Engineering at The University of Toledo. Exceptionally qualified research scholars will be considered for tenure at the rank of associate or full professor. Successful candidates must have demonstrated abilities in, or evidence of outstanding potential for research and teaching in Environmental Engineering. The Departments are particularly interested in receiving applications from candidates with a specialization in environmental engineering, environmental sustainability or "green" engineering/industrial ecology. This is a broad search that seeks the most promising and creative candidate from a range of specialty areas. For more information about the Departments and research facilities at The University of Toledo, visit the Departments' web sites at <http://www.eng.utoledo.edu/civil/> and <http://www.che.utoledo.edu/>. Applicants must have an earned doctorate in Civil, Chemical or Environmental Engineering, or a closely related field. Candidates that have one of their degrees in Chemical Engineering and another degree in Civil/Environmental Engineering are of particular interest. Postdoctoral or industrial experience beyond the Ph.D. degree is highly desirable. Consideration will also be given to candidates who are in the final stages of completing their doctoral programs. The University of Toledo is one of only seventeen U.S. public universities in the United States to offer professional and graduate academic programs in business, education, engineering, health science and human service, law, medicine, nursing, and pharmacy. The University is state assisted, with an enrollment of approximately 19,000 students of which about 4500 are graduate and professional students. Rank and salary are negotiable and funds are available to establish a research program at the University. Consideration of qualified candidates will begin after March 15, 2007. The position will remain open until an appointment is made. **For full consideration, applicants are encouraged to submit a cover letter which addresses the position qualifications; a curriculum vita; a one-page statement of teaching philosophy and interests; a one-page summary of research philosophy and interests; and the names, addresses, emails and telephone numbers of three references to UT Engineering Environmental Sustainability Faculty Search, Attn: Mrs. Patricia Mowery, 2801 W. Bancroft Street, 5012 Nitschke Hall, MS 310, The University of Toledo, Toledo, OH 43606. Applications will also be accepted**

by email at pmowery@eng.utoledo.edu [please include UT Engineering Environmental Sustainability Faculty Search in the subject line]. The University of Toledo is an Equal Access, Equal Opportunity, Affirmative Action Employer and Educator.

TENURE-TRACK FACULTY POSITIONS, STEVENS INSTITUTE OF TECHNOLOGY

The Department of Chemical, Biomedical and Materials Engineering at the Stevens Institute of Technology announces tenure-track faculty positions opening on July 1, 2007. This department currently has 13 tenured/tenure-track and 2 full-time faculty members with research foci on chemical and biological microsystems, soft materials, tissue engineering, and photonic sensing. Annual research expenditure exceeds \$2.5M. Applicants should have a Ph.D. in Chemical Engineering, Biomedical Engineering or a related discipline. While all relevant areas will be considered, preference will be given to candidates with research interests and expertise in cell-material interactions, polymeric biomaterials, engineered cellular/bacterial microenvironments, biofilms, microbial-based bioprocessing, and biofuel processing. Successful applicants will be expected to develop strong extramurally funded research activities and show a clear commitment to both graduate and undergraduate training in a highly integrated and interdisciplinary environment. 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 and vision for future achievement. Applications will be accepted until the positions are filled. **Applicants should submit a curriculum vita, a detailed research plan including both short-term and long-term professional goals, a description of teaching interests, and contact information for at least three references to: Chair of Faculty Search Committee c/o Ms. Nancy Webb, email: nwebb@stevens.edu, Department of Chemical, Biomedical, and Materials Engineering, Stevens Institute of Technology, 1 Castle Point Terrace, Hoboken, New Jersey 07030.**

RECRUITMENT ADVERTISING RATE INFORMATION

Classifications:

Positions open – academic and industrial positions

Issuance:

Published monthly.

Closing date:

3rd Monday of the month prior to that month's issue.
Next closing date is March 19, 2007.

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 classified display ad and business card ad rates and guidelines for submittal.

Web posting:

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

CHEMICAL ENGINEERING PROGRAM

Applications are invited for several faculty positions at all levels at the Texas A&M University branch campus in Doha, State of Qatar. Texas A&M University at Qatar (TAMUQ) is a partnership with Qatar Foundation. Now entering its fourth year of operation, TAMUQ offers Bachelor of Science degrees in Chemical, Electrical and Computer, Mechanical, and Petroleum Engineering. The degree programs are identical to those on the main campus at College Station, Texas. A Texas A&M University diploma is awarded to graduates. A new, state-of-the-art engineering building for teaching and research opens in 2007. Applicants for this position must have a Ph.D. in Chemical Engineering or a closely related field. We prefer individuals with research and teaching interests in the areas of process integration and design, process safety, petroleum and natural gas engineering, environmental engineering and thermodynamics, but outstanding candidates with research interests in other areas of Chemical engineering will receive consideration. Prior teaching experience in USA and familiarity with ABET accreditation is desirable. We offer competitive salaries and summer funding is guaranteed. Liberal allowances for professional travel and for relocation to Qatar are provided. Fringe benefits include free furnished housing in one of several gated communities, K-12 education for dependents, group health insurance, annual leave allowance, and a car allowance. **Applicants should send curricula vitae, detailed statements of research and teaching interests, and arrange to have letters of recommendation sent to: Dr. M. Sam Mannan, Chair-TAMUQ CHEN Search Committee, Artie McFerrin Department of Chemical Engineering, Texas A&M University, College Station, Texas 77843-3122. Call (979) 862-3985 for additional information. Candidates may submit materials via electronic mail to mannan@tamu.edu.** Review of applications will begin December 1, 2006 and will continue until the positions are filled. Texas A&M University is an equal opportunity employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and work-

ing in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, and veterans. More information about Texas A&M University is available on the web at <http://www.tamu.edu> and <http://www.qatar.tamu.edu/>. The University is responsive to the needs of dual career couples.

UNIVERSITY OF PUERTO RICO AT MAYAGÜEZ CHEMICAL ENGINEERING DEPARTMENT TENURE-TRACK FACULTY POSITIONS

The Department of Chemical Engineering at the University of Puerto Rico - Mayagüez is seeking outstanding candidates with a PhD degree in chemical engineering or related disciplines for four tenure-track Assistant Professor positions. Areas of interest include: (1) Bioprocess Engineering, particularly mammalian cell culture, bioseparations, and/or Metabolic Engineering, (2) Pharmaceutical Engineering, and (3) Computational Chemistry, particularly density functional theory calculations. Outstanding candidates in other areas will also be considered. Successful applicants are expected to develop nationally recognized, externally funded research programs, must be committed to excellence in undergraduate and graduate teaching, and to contribute to other departmental initiatives. Bilingualism (Spanish/English) would be an asset. Hiring package will be based on qualifications. **A complete application will consist of a cover letter, curriculum vitae, undergraduate and graduate transcripts, detailed research and teaching plans, the address and phone numbers of three professional references, and copies of relevant publications. The search will continue until the positions are filled. Please send all application materials to: Dr. Nelson Cardona-Martínez, Chairman Department of Chemical Engineering, University of Puerto Rico, PO Box 9046, Mayagüez, Puerto Rico 00681-9046.** To learn more about Chemical Engineering at UPRM, please visit our website: inqu.uprm.edu.

RESEARCH ASSOCIATE - CLEAN FUELS INSTITUTE



FLSA Status: Exempt
Compensation: \$32,042 - \$95,937 Commensurate with experience.
College Web Site: www.cuny.edu
Notice Number: MP13005
Closing Date: 3/1/07

POSITION DESCRIPTION AND DUTIES

The Clean Fuels Institute of the Department of Chemical Engineering, The City College of New York, is looking for a Research Associate to take part in system and engineering analysis of alternative technologies. The Research Associate will:

- work with the Director of the Institute and use the Director's methodology to evaluate various alternative energy technologies;
- work on the design of new alternative energy technologies;
- train Italian scientists in the methodology and design of alternative technology sources and actual research problems; and
- direct experiments of the Italian scientists at the research center in Italy.

The research program of the Clean Fuels Institute deals with trying to establish a complete plan for solving the three critical problems that our society faces. The first is the peaking and depletion of fossil fuels, especially oil and natural gas, event that could lead to an economic breakdown of our society. The second is energy independence. The third problem is the impact of the growing energy consumption on the environment, in particular global warming. The candidate, therefore, has to be familiar with modern methods of economic and technical evaluation, especially those developed by the director of the Institute. Furthermore, the candidate has to be familiar with all available technologies of alternative energies.

The Clean Fuels Institute focuses on the research of alternative energy and environmental issues related to energy consumption. The Clean Fuels Institute has been recognized in their achievements related to the elimination of fossil fuels. They also formulated one of the first plans to eliminate a switch to alternative energy with available technology.

QUALIFICATION REQUIREMENTS

Qualified candidates must have a Ph.D. degree in a related engineering discipline, and at least two years experience in areas related to energy technologies. The successful candidate should be familiar and have practical experience with modern methods of process design, process control, and methods of process evaluation and cost estimating. The successful candidate must also have knowledge of Aspen and of modern computer-aided design methods. Since the Institute has a joint research program with an Italian University, knowledge of Italian is strongly preferred.

The City College of New York has a strong institutional commitment to the principle of diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of individuals, including women and under-represented groups. Upon request, reasonable accommodations provided for individuals with disabilities.

All candidates must provide documentation to prove employment eligibility in compliance with IRCA.

TO APPLY

Please send resume, cover letter, and the names, mailing and email addresses and telephone numbers of three references to: **Professor Irvén Rinard, Chair of the Search Committee for the Research Associate, City College of New York, School of Engineering, 160 Convent Avenue, ST 322, New York, NY 10031.**

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

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Process Safety Engineers

ABS Consulting is an engineering consulting firm that provides process safety, risk management, and system reliability analysis services. We are seeking full-time and/or part-time process safety engineers at all levels (junior, senior, retired) for our Houston, TX; Irvine, CA; and Knoxville, TN, offices who have consistently distinguished themselves as outstanding performers with excellent technical, interpersonal, and communication skills. The following relevant job experience is desired:

- Background in OSHA's process safety management (PSM) regulation (29 CFR 1910.119) and EPA's rule on risk management programs (40 CFR 68) (conducting compliance audits, leading PHAs, implementing mechanical integrity, etc.).
- At least 3 to 5 years of experience in implementing process safety is desired, and chemical or mechanical process engineering experience is a plus. Experience in providing training is also a plus.

The positions available offer excellent compensation and challenging career and travel opportunities. To apply or for more information on these positions and to view all our opportunities, visit our Web site at: www.abs-group.com/employment.html

ABSG Consulting Inc. is an EOE - M/F/D/V
www.absconsulting.com