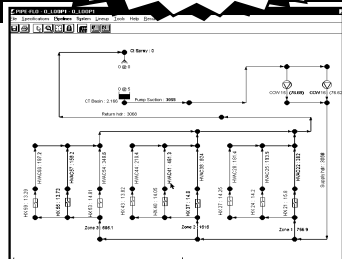


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Classified Listings



POSITIONS AVAILABLE

B.S./M.S. CHEMICAL ENGINEER POSITIONS

OPEN: A silicon manufacturing facility located in Moses Lake, Washington has multiple openings for B.S. and/or M.S. chemical engineers. Two or more years of experience in a chemical manufacturing facility preferred. Salary is commensurate with education and experience. Excellent benefits and relocation packages. Please review company and location details on web site: www.asimi.com. Send resume to: Richard Green, Rgreencanoe@aol.com

Entry Level Chemical Engineer (Immediate Opening, Pharmaceutical Company): Responsible for scale up of chemical processes from laboratory development to both pilot plant and production operations. Successful candidate must ensure that all plant operations adhere to all applicable regulations (e.g., cGMPs, OSHA standards, safety regulations, environmental issues, etc. BS, Chemical Engineering with 0-2 years of relevant experience; Strong oral and written communication skills, as well as strong personal computer skills. Send resume packet to: Human Resources, Wyeth-Ayerst Research, 641 Ridge Road, Chazy, NY 12921 or email to hebertb@war.wyeth.com

Marathon Ashland Petroleum LLC, REFINING ENGINEER, Texas City Refinery.

Candidates should possess a B.S. in Chemical Engineering and 3-5 years of experience in refinery process engineering is required. Successful candidates will have

strong technical knowledge in both refinery operations and refinery economics. Also, knowledge of LP modeling is preferred. Individual will work in the Products Control Department and will provide economic analysis and support for the refinery. Primary focus of the position is LP model maintenance, long term planning and project analysis. To apply: **E-mail:** mtmurphy@mapllc.co **Fax:** (409) 943-7318. www.mapllc.com

Vice President Product Development: An innovative company developing lab-on-a-chip technologies, which miniaturize, integrate and automate laboratory procedures, seeks to hire a Vice President of Product Development. Located in Mt. View, CA, this position will be responsible for developing the infrastructure and directing the technical activities of the product development function from product conception through transition to manufacturing. The successful candidate must have a proven track record of commercial product experience, have a strong breadth of technical experience including working knowledge of instrument development, software development of user interface graphics, robotics, data analysis and commercial assay development, with microfluidics desirable. B.S. required, M.S.+ preferred. Excellent benefits and compensation are part of the rewards of this exciting opportunity. Please, contact Larry Setren, larry@setrensmallberg.com

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PROCESS DESIGN ENGINEERS: Growing Oklahoma-based high end fuels & lubricants technology company has new positions in product upgrading and Process Design. Require BSChE & min 5 years experience with syngas, methanol, refinery of GTL technology. Licensing experience a plus. Serve as Project Team Leader. Appealing international travel. \$65K - \$90K + stock options depending on exp. Current resume to J. GIFFORD INC. via e-mail to jobs@jgifford.com or fax 918/665-4670.

PROCESS ENGINEERS: Tulsa, Oklahoma area catalyst manufacturer needs Sr. Process Engineers responsible for commercialization of new products and process scale-up. Do validating, DOE SPC and statistical analysis. BSChE + 5-10 years inorganic engineering design with slurries, batch processes. \$58K - \$68K. Current resume to J. Gifford INC. via e-mail to jobs@jgifford.com or fax 918/665-4670.

Process/Project Engineer- Seeking an individual with a BS in Chemical or Mechanical Engineering with 10 years minimum experience in petroleum refining or related industry. PE license preferred. General duties include refinery optimization and trouble shooting, project engineering, refinery design engineering, construction estimates, environmental permitting, & corporate technical support. Requires travel. Salary DOE + benefits. Send resume to Petro Star Inc., H.R. Dept., 201 Arctic Slope Ave., Ste. 200, Anchorage, AK 99518. Fax 907-349-3936; or email to klcampbell@petrostar.com

Research Environmental Engineer: The U.S. Army Engineer Research and Development Center seeks an environmental research professional with a master's or doctorate degree in environmental engineering or environmental sciences. ERDC is one of the most diverse engineering and scientific research communities in the world, combining all Corps of Engineers research and development operations into one organization. Competitive applicants will have an engineering background, demonstrated research interests in both

basic and applied focus areas, and expertise in developing technologies for cleanup or control of contaminants in soils, sediments, surface water or groundwater. An understanding of contaminant chemistry, mobility, transport, and bioavailability is also important to this position. Responsibilities include planning and executing a robust, interdisciplinary research and development program. The successful candidate must be self-motivated and self-directing, have an interest in team and program building, and must have the capability to effectively communicate orally and in writing. The ERDC emphasizes an interdisciplinary approach, including engineering, chemistry, microbiology, toxicology, modeling, and other areas, and provides state-of-the-art laboratory facilities and a wealth of research talent. Candidates must be U.S. citizens. Salary ranges from \$42,000 to \$92,000, depending on qualifications and experience. All federal employees receive competitive benefit packages which includes paid annual vacation, paid sick leave, thrift savings plan (401k equivalent), family health and dental insurance options, and deferred retirement annuities for eligible employees. The ERDC is an Equal Opportunity Employer. Send resume to: Pamela.K.Corulla@erdc.usace.army.mil or contact Ms. Corulla by phone at 601-634-3861.

Chemical Engineer: The Eastern Regional Research Center (ERRC), Agricultural Research Service, USDA, has an opening for a permanent full time Scientist responsible for applying polymer engineering concepts to the development of pilot-plant scale processes for utilization of proteins in protein-biopolymer or protein-polymer grafts or blends for food and non-food products. The Scientist will work as part of a research team investigating new methods of or new materials for separation and recovery of food proteins; their chemical or enzymatic modification; and measurement of their properties. The Center is located on an attractive 27 acre campus just outside Philadelphia, in Wyndmoor, Montgomery County, Pennsylvania. It has over 250 scientists, engineers and support staff working in diverse areas of agricultural research. Employees enjoy a flexible work schedule and have access to state-of-the-art instrumentation, a computer center, and library.

Candidates must be a U.S. Citizen; have a degree in chemical engineering; knowledge of polymer engineering; and knowledge of pilot plant operations. Salary commensurate with experience (\$45,600-\$69,456). For information regarding the research project call Dr. Peggy M. Tomasula, (215)-233-6703. For application package call Ms. Yolanda Wilson at 301-504-1385. Applications in response to this advertisement must be marked XIE-1124 and post marked by March 30, 2001. USDA/ARS IS AN EQUAL OPPORTUNITY EMPLOYER.

PROCESS ENGINEER: HOVENSA, a joint venture of Amerada Hess Corporation and PDVSA of Venezuela, operates one of the largest and most modern refineries in the world in St. Croix, USVI. We are currently recruiting for a **Process Engineer** who will be responsible for monitoring and optimizing process unit operations, making recommendations and developing scope of work for potential payout projects. Position will also conduct, simulate and document performance evaluations on process units. Qualified candidates will have three or more years experience in refining and process operations, petrochemical or a related industry with strong knowledge of environmental and safety regulations, refinery economics and related software applications. Good presentation and leadership skills are important. HOVENSA offers competitive compensation, including an excellent benefits package with a 401(k) Savings Plan, relocation benefits and furnished housing available. Qualified candidates are encouraged to email, fax or mail their resume, in complete confidence, to: **HOVENSA, One Estate Hope, Christiansted, St. Croix, USVI, 00820-5652. Email:** rbrittain@hess.com **Fax:** (340) 692-3170. An EEO/MF Employer



TENURE TRACK FACULTY POSITIONS ENVIRONMENTAL ENGINEERING SCIENCE

The Environmental Engineering Science Program at Washington University in St. Louis invites nominations and applications for two junior level tenure-track faculty positions. The Environmental Engineering Science Program (www.env.wustl.edu) is an Engineering School wide multi-disciplinary Graduate Program with nine affiliated faculty members having tenure track appointments in Chemical Engineering (www.che.wustl.edu), Civil Engineering (www.cive.wustl.edu) and/or Mechanical Engineering (www.mesun4.wustl.edu). The successful applicants to the current two positions will have tenure track appointments in Chemical and/or Civil Engineering. Preference will be given to applicants with expertise in the following areas:

- Environmental Nanotechnology
- Physico-Chemical Processes in the natural or engineered Environment,
- Environmental Analytical Chemistry
- Environmentally Benign Processing / Green Chemistry
- Molecular and Statistical Thermodynamics; Colloidal Systems
- Water and Waste Water Treatment and Reuse; Environmental Hydrology

The successful candidates should have an earned Ph.D. in Environmental Engineering Science, Chemical Engineering, Civil Engineering or a related discipline. One of the positions will be preferably filled by an individual who has demonstrated activities in the application of atomistic and molecular techniques in the study of environmental problems. The selected candidates are expected to teach classes at the undergraduate and graduate level, conduct research and teach in the Program focal areas of Sustainable Technology and Water Quality, as well as complement and be able to establish collaborative research and teaching initiatives with the existing faculty in the Aerosols and Air Quality focal area. In addition to funding for the Faculty and support by the School of Engineering and Applied Sciences, the Environmental Engineering Science Program has Endowment support exceeding \$8 million.

Applicants should provide a Resume, brief description of research and teaching interests, and list of three references (with telephone numbers and email addresses) to:

Dr. Pratim Biswas, Jens Professor and Director
Environmental Engineering Science Program
Washington University in St. Louis
One Brookings Drive, Campus Box 1180
St. Louis, MO 63130

Tel: 314-935-5548; email: pratim.biswas@seas.wustl.edu

Review of applications will begin April 1, 2001 but applications will be received until the positions are filled. Washington University is an Equal Opportunity and Affirmative Action Employer. Applications from women and minority groups are strongly encouraged.

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MS in Chemical Engineering, 3-5 years experience and strong analytical skills in catalytic reactor design. Responsibilities will include assembly of lab scale catalytic reactors, use of analytical equipment (GC/MS, FTIR, TGA, etc.) and programming/set-up of data acquisition systems. Additional responsibilities will include maintaining equipment systems and report writing. PC skills, excellent communication/interpersonal skills, ability to travel to Japan and work overtime will be required.

Material Research Engineer - Plastics #28110

BS in Chemical Engineering and 3-5 years experience testing plastic components (Exterior, Engine and Chassis/Fuel Areas). Responsibilities include: product development in the area of plastic material applications for Honda vehicles, plastic material testing to ASTM and Honda standards and plastic parts or components testing and material analysis and characterization of plastics. PC skills, excellent communication/interpersonal skills, ability to travel and work overtime may be required.

To find out more about our exceptional opportunities, we invite you to send a resume and salary requirements to: Employment Coordinator at emp@oh.hra.com or mail to: **Honda R&D Americas, Inc., 21001 St. Rte. 739, Raymond, OH 43067; Fax: 937-645-4958.** Honda R&D is an equal opportunity employer.

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PROCESS ENGINEER / PLASTICS COMPOUNDING: Process Engineer needed for manufacturing facility in Baton Rouge, LA. The ideal candidate will be a self-starter, with strong communication skills and hands on problem solving experience. One year of manufacturing experience and a BS degree in Engineering is required. ISO 9000 and QS 9000 experience preferred. Responsibilities include process improvements and technical guidance in reactive extrusion and compounding of engineering resins. Competitive compensation and benefits package. Forward resume and salary requirement to: **Adell Compounding, Inc., Attn: HR Manager, 30128 Eden Church Road, Denham Springs, LA 70726; Fax: 410-242-7241, Email: adellhr@home.com, Web Site: adellplas.com.**

WWW. ANALOG. COM: Where are the best people and technology headed? Analog Devices. Data network traffic is increasing at an exponential rate and spurring the transition to all optical networks. Micro-Electro Mechanical Systems (MEMS) devices are a key component in this revolution; tiny MEMS switches and optical components will eliminate the need for optical to electrical to optical conversion (OEO) that is the bottleneck in the existing network. Optical and Inertial MEMS technology is a key enabler to one of the fastest growth and most exciting market opportunities available today. Join the team today! Succeed in one of the hottest areas in telecommunications. We are currently recruiting for the following positions: **MANAGERS:** *Engineering Managers, *Program Managers. **TECHNICIANS:** *IC Process, *Semiconductor Equipment, *Manufacturing. **ENGINEERS:** *IC Process (CVD, Diff, TF, Etch, Implant), *Design (Optics; IC; High Voltage IC), *Design Verification, *CAD, *IC Layout, *Test, *Probe, *Characterization, (Optics; Electrical; Mechanical), *Reliability (Optics), *Quality. Many other career opportunities are found at Analog.com. Search location Cambridge, MA. Please mail/email resume to: Analog Devices, Attn: Ed Bocko, 21 Osborn Street Cambridge MA 02139. Fax: 617-761-7061. Email: ed.bocko@analog.com. Analog Devices is an equal opportunity employer

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ACADEMIC OPENINGS

Faculty Position in Biomedical Engineering: The Department of Chemical Engineering at the FAMU-FSU College of Engineering invites applications for several tenure-track faculty positions in its newly founded graduate degree program in Biomedical Engineering. The College is a joint entity of Florida State University (FSU) and Florida A & M University (FAMU), located in Tallahassee, FL. A PhD or MD/PhD in biomedical engineering, medical sciences, or a related discipline is required. Rank is open, and candidates must demonstrate a strong commitment to building both the educational and research components of the recently approved BS/MS/PhD degree programs in biomedical engineering. Senior applicants must have a record of national distinction in biomedical engineering or related discipline. The possibility exists for highly qualified senior applicants to be nominated for a Florida State University Epps endowed professorship. Of particular interest are those candidates with exceptional background in tissue engineering, metabolic engineering, or intercellular transport processes. The Department has a Special Opportunity Award from the Whitaker Foundation, an NSF-funded NMR/MRI system for molecular transport and micro-imaging studies, and new laboratory and office space dedicated to biomedical engineering research. Excellent opportunities exist for interactions with the National High Magnetic Field Laboratory, the FAMU College of Pharmacy and Pharmaceutical Sciences, and the FSU Institute of Molecular Biophysics, as well as for affiliation with the new College of Medicine at FSU. Qualified applicants should send a letter of application, a current vita, a statement of research and teaching interests, and the name and contact information of three references by March 1, 2001, to Dr. Bruce R. Locke, Chair of Faculty Search Committee,

Department of Chemical Engineering, FAMU-FSU College of Engineering, 2525 Pottsdamer Street, Tallahassee, FL 32310. FAMU-FSU is an Affirmative Action/Equal Employment Opportunity employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply. (Further information can be obtained at <http://www.eng.fsu.edu/departments/chemical/index.html>).

Postdoctoral Chemical Engineer: The position is available at the Highly Filled Materials Institute at Stevens Institute of Technology. The salary is competitive. The work primarily involves crystallization and is performed under a US Army contract. Chemical engineering background with experience in solution crystallization is required. Background in process control and mathematical modeling is desirable. Send your resume and list of references to Prof. D.M. Kalyon, Highly Filled Materials Institute, Stevens Institute of Technology, Hoboken, NJ 07030. e-mail; dkalyon@stevens-tech.edu

Bucknell invites applications for an 18-month temporary position, with the possibility of a one-year extension, as visiting assistant professor in the chemical engineering department beginning January 2002. A doctorate in chemical engineering and a commitment to excellence in teaching are required, with an undergraduate degree from an ABET accredited (or equivalent) program preferred. Industrial experience desirable. The successful candidate will have the ability to teach courses across the chemical engineering curriculum. Applications will be reviewed as received and will continue to be accepted until the position is filled. Send curriculum vitae, a statement of teaching interests and names of three references to Dr. James Pommersheim, Search Committee Chair, Department of Chemical Engineering, Bucknell University, Lewisburg, PA 17837. Bucknell University encourages applications from women and members of minority groups (EEO/AA).

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• Names and addresses of three persons well-acquainted with the academic and Professional work of the applicant.

- An English translation of all documents in other languages should be enclosed.

Passport photocopies of self and accompany dependents, including pages containing photograph, personal data, other person on the same passport, and the place and date of issuing and expiration dates.

Applications should be sent by express mail/courier service to:

The Dean, Faculty of Science
Kuwait University, P.O. Box 5969
Safat, 13060 KUWAIT

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Materials Science Position: Bucknell University invites applications for a one-year temporary position, with the possibility of a one-year extension, as visiting assistant professor in the chemical engineering department beginning Fall 2001. A primary responsibility will be introductory materials science instruction for undergraduate students of chemical, electrical, and mechanical engineering. Successful candidate will also have opportunity to direct undergraduate research projects, and provide instruction in core chemical engineering topics or area of specialization. A doctorate in engineering and a commitment to excellence in teaching are required. Industrial experience desirable. Applications will be reviewed beginning in late February and will continue to be accepted until the position is filled. Send curriculum vitae, concise statements of teaching and research interests, and names of three references to Dr. Jeffrey Cernica, Search Committee Chair, Department of Chemical Engineering, Bucknell University, Lewisburg, PA 17837. Bucknell University encourages applications from women and members of minority groups (EEO/AA).

The Department of Chemical Engineering at **The University of Alabama** invites applications and nominations for a tenure track faculty position. The successful candidate will join a faculty that is committed to excellence and leadership in chemical engineering education, research and outreach. The research area is open, but synergy with departmental activities in functional materials and environmentally benign processes is desirable. Applicants must have an earned doctorate in chemical engineering or a related discipline. The University may employ only U.S. citizens and aliens authorized to work in the U.S. Preference will be given to candidates who have at least one degree from an ABET accredited institution. Interested persons should send a letter of application or nomination, curriculum vita, brief description of research interests and plans, and the names of three references to: **Gary C. April, University Research Professor & Head, Department of Chemical Engineering, Box 870203, Tuscaloosa AL 35487-0203**. Review of applications and nominations will begin February 1, 2001 and will continue until the position is filled. The University of Alabama is an equal opportunity/affirmative action, Title IX, Section 504, ADA employer.

ASSISTANT PROFESSOR, BIOPROCESS ENGINEERING, Biological & Agricultural Engineering, North Carolina State University, Raleigh, NC. Application deadline: March 1, 2001. Proposed hire date: July 1, 2001. This is a tenure track, 12 month, research (75%) and teaching (25%) appointment. The incumbent should be a bioprocessing engineer who has the ability to develop a prominent research and teaching program. Research areas may include biofuels, biofluid mechanics, tissue culture engineering, bioseparations, and/or pharmaceutical engineering. Teaching will include at least one existing undergraduate course and a new graduate course. Candidates must possess a Ph.D. in Food, Agricultural, Biological or Chemical Engineering or an equivalent engineering discipline, with a strong background in process engineering and unit operations (including drying, thermal processing, separation processes and post-harvest handling). Send a letter of intent, statement of career goals, curriculum vitae, copy of transcripts, and names of three (3) references to: Dr. J. H. Young, Box 7625, NC State University, Raleigh, NC 27695-7625. EEO/AA Employer. ADA Accommodations: Ann Griffin; ann_griffin@ncsu.edu; 919/515-6701; Fax: 919/515-6719. See <http://www.bae.ncsu.edu/positions/> for more details.

Position: Assistant/Associate Professor of Chemical Engineering. **Institution:** University of Idaho. **Location:** Idaho Falls, Idaho. **The Department of Chemical Engineering at the University of Idaho** is seeking applicants for a tenure-track faculty position (fall of 2001) at the rank of Assistant/Associate Professor at the Idaho Falls Center for Higher Education (IFCHE). We are seeking outstanding applicants who have a commitment to excellence in graduate teaching and a commitment to pursue a nationally recognized and externally funded research program. Preference will be given to applicants with research interest and expertise in the areas of Environmental Engineering (bioremediation and related areas) and transport science, fluid mechanics and kinetics. Areas of interest also include transport in biological systems and computer simulation of mass transport in fluid and heterogeneous surfaces and matrix. Candidates will also be expected to interact with researchers in a related field to develop interdisciplinary research to find solutions for existing and future problems. In addition, candidates are expected to provide innovative and quality teaching that integrates research with instruction at the graduate level. Experience in the area of nuclear engineering is a plus. Applicants must have an earned Ph.D. in Chemical Engineering by the date of hire. All applicants must include a curriculum vitae and a statement of research and teaching goals. In order to ensure full consideration, applications must be received by February 30th, 2001. Applications will be

The University of British Columbia

Faculty of Applied Science

HEAD OF THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING



Applications are invited for the position of Head of the Department of Chemical and Biological Engineering at the University of British Columbia. The successful candidate should be qualified for appointment at the rank of Professor, and be registered (or seek registration) as a Professional Engineer in Canada.; have strong leadership capabilities to enable the Department to build on its strengths in education, research and professional practice; have demonstrated excellence in teaching, research and/or professional practice; and have proven administrative experience. The successful candidate will be expected to build upon the Department's strong collaborative relationships across the University and with its external partners, including education and research organizations and industry in Canada and abroad.

The Department is one of six engineering departments in the Faculty of Applied Science, and offer programs at the Bachelors, Masters and Doctoral levels. Further information about the Department is available at the web address www.chml.ubc.ca.

In accordance with the Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The University of British Columbia hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. Applications by April 30, 2001, are encouraged, although the search will continue until the position is filled. Applications accompanied by a curriculum vitae and the names of four references, should be submitted in confidence to:

Dr. Michael Isaacson
Dean, Faculty of Applied Science
The University of British Columbia
2006 - 2324 Main Mall
Vancouver BC V6T 1Z4
Canada
Tel: (604) 922-6412
Fax: (604) 822-7006
E-mail: kshanks@apsc.ubc.ca

accepted until the position is filled. Offer of employment contingent upon verification of the individual's eligibility for employment in the United States. Send a letter of application, your curriculum vitae, and names and telephone numbers of three references by February 15, 2001, to Dr. Tom Carleson, University of Idaho, Department of Chemical Engineering, BEL 308, Moscow, ID 83844-1021. You can find out about Idaho Falls at www.if.uidaho.edu. To enrich education through diversity, the University of Idaho is an Equal Opportunity Affirmative Action Employer.

Biotechnical Engineer, Assistant Professor. (9-month tenure track, 11-month term of employment). The candidate is expected to conduct research on the integration of engineering concepts with the biological sciences for solution of problems in the biotechnology industries, to assist with lower and upper division undergraduate teaching in biotechnical engineering, and to develop a graduate level course in their research area. Candidates must have a strong documented engineering background with a Ph.D. in Engineering, or a B.S. in Engineering with a Ph.D. in a scientific field. They must have the ability and desire to conduct both independent and cooperative research, and the ability and interest in teaching biotechnical engineering courses with special reference to equipment and process design to undergraduate and graduate students. To apply, send curriculum vitae, summary of research and teaching experience, transcripts of undergraduate and graduate work, pertinent reprints, a thesis/dissertation abstract, and the names, addresses, and telephone numbers of at least three references to: Dr. R. Paul Singh, Search Committee Chair, Department of Biological and Agricultural Engineering, University of California, Davis, CA 95616-5294. Tel: (530) 752-0811. Fax: (530) 752-2640. E-mail: rpsingh@ucdavis.edu. Open until filled, but to assure consideration, applications must be received by April 30, 2001. The University of California is an Affirmative Action/Equal Opportunity Employer.

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