

## Positions Available

### PROCESS ENGINEER/SCIENTIST

Significant expertise in biomolecular purification technologies and biopharmaceutical production. MS in chem. eng. or biochem. Expertise in project mgmt techniques, DoE, statistical analysis, process modeling software, applied process control, working knowledge of cGMP regulations and unrestricted authorization to work in U.S. required. **Send 2 copies of resume to: TKT, C/O Human Resources, Job Ref: KA, 700 Main St., Cambridge, MA 02139 or e-mail to: [kaylmer@tktx.com](mailto:kaylmer@tktx.com)**

### QC STABILITY TECH SERVICES SUPERVISOR

Manage QC stability & technical services function for multifunctional QC lab. MS in biochem. or chem. eng., or pharmacology and 3 yrs exp. Expertise in biochem method dvlpmnt and troubleshooting, purification and biochem process Q/C, HPLC techniques and software, test method wrtng, and unrestricted authorization to work in U.S. required. **Send 2 copies of resume to: TKT, C/O Human Resources, Job Ref: KA, 700 Main St., Cambridge, MA 02139 or e-mail to: [kaylmer@tktx.com](mailto:kaylmer@tktx.com)**

### PROJECT MANAGER, CHEMICAL LASER DEVELOPMENT

Responsible for multi-million dollar project in chemical oxygen iodine laser (COIL) generator and laser development. Ph.D. in chem/mech engineering and supervisory exp a must.

**For more info and to apply: [www.denergysolutions.com](http://www.denergysolutions.com)**

### MANUFACTURING SUPERVISOR

Must have at least a BS degree in chemical engineering or industrial engineering and 2 years exp. in pharmaceutical manufacturing. Must also have extensive computer skills, including experience with Minitab, Visual Basic, Access, Excel (at Programming level), Autocad, Proengineer, Mathcad, LabView, Fortran. Will inspect product and issue product validation and develop products. Will certify that tablets/product conforms to standards through testing. Will manage 13 employees, including determining work schedules, and hiring and firing decisions. Will write standard operation procedures. Will direct MRP implementation into production. Will improve systems to reduce scrap, and minimize downtime. Will ensure compliance to company's standards. Will troubleshoot and resolve technical and personnel problems. Will inspect equipment. Will prepare manufacturing schedule. Will develop and train employees. \$43,000/year. **Send resumes to: DWS, Attn: Erlinda Anderson, Job Order #8098397, 140 East 300 South, SLC, UT 84111.**

### CHEMICAL (BIOCHEMICAL)/AGRICULTURAL ENGINEER

The Eastern Regional Research Center (ERRC), Agricultural Research Service, USDA, Wyndmoor, PA has an opening for a Post Doc/Research Associate with a background in Chemical, Food, or Agricultural Engineering. The Research Associate will work with a group of chemical engineers and scientists in the Crop Conversion Science and Engineering Research Unit, who are conducting research to lower the cost of fuel ethanol from corn by developing new innovative processes. The work involves bench-scale, pilot-scale, and process and

cost simulation research. The successful candidate, as a member of a research team, formulates, plans, conducts, interprets and disseminates research. A PhD is required. Knowledge of engineering experimental design and analysis, as well as the ability to plan, conduct, and report research is also required. Expertise in process simulation, cost analysis, and pilot plant operations is highly desirable. Salary commensurate with experience. GS-11: \$50,020 to \$63,259 per year. ERRC is located on an attractive 27-acre campus just outside Philadelphia, in Montgomery County, Pennsylvania. Employees enjoy a flexible work schedule and have access to public transportation, computer center, pilot plants, microscopy and NMR center and library. USDA/ARS is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

**Contact Frank Taylor, USDA, 600 E. Mermaid Ln., Wyndmoor, PA 19038; 215 233-6501; [ftaylor@errc.ars.usda.gov](mailto:ftaylor@errc.ars.usda.gov); <http://www.errc.ars.usda.gov>**

### CHEMICAL ENGINEER

Responsibilities: Modeling chemical processes using software such as Arrow. Preparing instrumentation diagrams. Improving existing process performance. Developing process control strategies.

Requirements: BS in Chemical Engineering or equivalent. Passed FE exam. Experience (2 years in job offered or similar position): 1) Modeling piping and process systems using engineering software. 2) Design, Implementation, and programming of discrete and PID control loops through PLC based systems.

**Send resume to: Human Resources, P.E.S.I. - Phasor Electrical Services, Inc., 555 N. Wayne Ave., Cincinnati, Ohio 45215**

### RESEARCH SCIENTIST/ENGINEER

Water, Energy, Nanotechnology. PhD is required. Salary is commensurate with contribution. For more info and to apply: [www.MaterialMethods.com](http://www.MaterialMethods.com)

### OPERATIONS MANAGER

Are you looking for a highly visible position with the opportunity for career growth in the performance chemicals industry?

Manufacturing plant in the Mid-South is seeking an experienced Operations Manager. This position is responsible for leading the plant's manufacturing and maintenance. The incumbent will set and lead the achievement of production and maintenance performance goals, oversee the training and development of production and maintenance personnel, and maintain a productive and motivating work environment.

We are looking for a high achiever who can make an impact on this facility and grow into the manufacturing management position.

The following qualifications are required:

- 7+ years of experience within the chemical process industry with at least 5 years in direct supervisory/management role.
- BS in chemical engineering (MBA or other industrial management degree desirable)
- Proficiency in using MS Office applications (SAP and Delta V systems experience highly desirable)
- Strong process engineering skills, which include troubleshooting and designing and implementing process changes to improve operations.

**Please submit your resume with salary requirements to: P.O. Box 2445, Des Plaines, IL 60017**

Equal Opportunity Employer. M/F/D/V

**SEE MORE JOB LISTINGS ONLINE!**

**[www.cepmagazine.org/jobposting.asp](http://www.cepmagazine.org/jobposting.asp)**



## ARGONNE NATIONAL LABORATORY WEST - CHEMICAL ENGINEER

Argonne National Laboratory (ANL) has an immediate opening in Idaho for a chemical engineer or an individual with a closely related degree (applied chemistry, metallurgical engineering, and nuclear engineering included). Applicants should have 0-5 years of experience with at least an MS degree, but a PhD is preferred. Applicants should have skills and experience in both chemical process modeling/design and experimental research. Responsibilities for the position include process engineering support for nuclear programs, experimental support for process development, new research program development, and publishing papers and reports both internally and externally. Individuals with high levels of initiative and creativity are sought for this challenging and potentially rewarding role.

ANL is located within the heart of vacation country just outside of beautiful Idaho Falls, Idaho and is only two hours from Yellowstone and Grand Teton National Parks. ANL offers competitive benefits and salary and is an Equal Opportunity Employer.

Please email your resume to: [hr@anlw.anl.gov](mailto:hr@anlw.anl.gov)

## ACADEMIC OPENINGS

### CHEMICAL ENGINEERING, UNIVERSITY OF CALIFORNIA, LOS ANGELES

A number of positions, temporary and permanent, are available for engineers, postdoctoral scholars, lecturers, and visiting faculty/researchers in chemical engineering for our teaching and research programs. PhD or equivalent experience required. **Resumes and inquiries should be sent to: A. De Vera, Research & Teaching Positions, UCLA Chemical Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** UCLA is an equal opportunity/affirmative action employer.

### ENDOWED CHAIR: TEXAS A&M UNIVERSITY-KINGSVILLE

The Frank H. Dotterweich College of Engineering at Texas A&M University-Kingsville seeks an outstanding senior faculty member to become the holder of the Frank H. Dotterweich Endowed Chair. The department is looking for a highly capable individual to help initiate a Ph.D. program in chemical engineering. Minimal graduate teaching is expected in addition to research supervision. Doctorate is required from a regionally accredited institution or university. The suitable candidate should have an established record in research, publication, and grant procurement from both public and private sectors. The department is interested in contemporary areas of research. However, if it is desired to work in more traditional areas, the campus is close to many petroleum refineries, gas plants, and organic and inorganic chemical plants. The position can be temporary for several years or can be a tenured



**Bayer Biological Products (BP)**, a division of Bayer HealthCare, is one of the world's leading innovative companies in the healthcare and medical products industry. For more than 60 years, scientists and researchers at Bayer BP have been dedicated to developing and producing novel treatments that extend and enhance the lives of patients who suffer from life-threatening diseases, such as hemophilia, alpha1-antitrypsin deficiency, and a variety of immune diseases.

Our Biological Products Process Development & Technology Group in **Clayton, North Carolina** (convenient to Raleigh, RTP, Cary, Goldsboro and Durham) offers the following opportunities immediately.

### PRINCIPAL PROCESS DEVELOPMENT ENGINEER I/ SENIOR PROCESS DEVELOPMENT ENGINEER II (JOB CODE: ACEP2001)

Will support process development and technology transfer activities. The person will be a member of the process engineering group of the Technology department and will contribute to the development, improvement, scale-up and transfer of processes for plasma derived proteins. Consistent with this function is a continual consideration of regulatory/compliance issues related to product quality, manufacturing, and facilities.

Ph.D. in Chemical Engineering with minimum of 2 years relevant experience, MS Chemical Engineering with minimum of 9 years relevant experience or BS Chemical Engineering with minimum of 12 years relevant experience. Degree must be in a relevant discipline: Chemical Engineering, etc., plus the appropriate number of years of relevant experience in production and/or Scientific experience in the biopharmaceutical industry. Experience in large-scale and/or pilot scale pharmaceutical processing is required. A working knowledge of protein chemistry is preferred.

### SENIOR PROCESS DEVELOPMENT SCIENTIST II (FORMULATION) (JOB CODE: ACEP1930)

Position will be a member of the Process Engineering group in the Technology department and will support formulation development activities. The person will be responsible for preformulation research and formulation development for proteins, participate in the design and execution of experiments associated with development, improvement, and scaling-up of the parenteral formulation of plasma derived proteins. Activities include conducting experiments in laboratory and pilot plant and documenting results following GLP/GMP requirements. Consistent with this function is a continual consideration of regulatory/compliance issues related to product quality, manufacturing, and facilities.

Degree in Biochemistry, Biochemical Engineering, Pharmaceuticals or equivalent with relevant experience in protein stabilization and formulation. Professional registration and/or certifications as appropriate. Designing liquid and lyophilized formulations for plasma proteins; establishing and pursuing goals for technology development consistent with product and manufacturing needs. Makes independent decisions within defined areas of responsibility. Influences commitment of resources at divisional/departmental level. Established, technically competent professional who independently develops and implements solutions. Maintains current knowledge of developments related to area of assignment and applies that knowledge to company goals. Demonstrates effective performance management skills and leadership skills. Clear oral and written communication skills and organizational ability to deliver results in a fast-paced environment.

For more information, please feel free to visit our web site at [www.bayerbiological.com](http://www.bayerbiological.com). Bayer HealthCare: Biological Products offers a competitive salary, a dynamic work-life balance program, a generous tuition reimbursement program and comprehensive benefits with immediate vesting in our 401k and our employee share purchase plans. **Resumes should be sent, referencing Job Code, to: [kathleen.fleming.b@bayer.com](mailto:kathleen.fleming.b@bayer.com)**

The New Bayer  
HealthCare CropScience  
Polymers Chemicals



[www.bayerbiological.com](http://www.bayerbiological.com)

An Equal Opportunity Employer M/F/D/V  
— Bayer Corporation is committed to  
enhancing and maintaining cultural  
diversity within our work environment.

position. Currently, the department has six full-time faculty members and one adjunct. Enrollment includes about 100 undergraduate and about 60 Masters level graduates equally split between chemical and natural gas engineering. The campus is located in Kingsville, South Texas, about 30 to 40 minutes drive from Corpus Christi, a mid-size resort city, and about 2 hours from South Padre Island, the Rio Grande Valley and Mexico.

**Applications and any relevant questions should be addressed to: Dr. William A. Heenan, P.E., Professor and Dean, Frank H. Dotterweich College of Engineering, Texas A&M University-Kingsville, 700 University Blvd., MSC 188, Kingsville, Texas 78363-8202. Phone: (361) 593-2001; Fax: (361) 593-2106; E-mail: w-heenan@tamuk.edu**

Finalists must have original letters of recommendation and official transcripts from each degree-granting institution mailed directly to Texas A&M University-Kingsville, Office of the Provost, 700 University Boulevard, MSC 102, Kingsville, Texas 78363-8202 prior to an on-campus interview. Texas A&M University is committed to excellence; the University invites applications from all qualified applicants. EEO/AA/ADA

## Industry Resources



**Leaders in Process Safety and Security Management  
Consulting, Training & Software**

**AcuTech Consulting Group - Chemetica, Inc.**  
Tel: (415) 772-5972 Fax: (415) 772-9044  
88 Kearny Street, Suite 1630  
San Francisco, CA 94108  
[www.acutech-consulting.com](http://www.acutech-consulting.com)

### DESIGN II for Windows™

*Rigorous Process Simulation for Chemical and Hydrocarbon processes  
including Refining, Refrigeration, Petrochemical, Gas Processing,  
Gas Treating, Pipelines, Ammonia, Methanol, and Hydrogen Facilities*

- Multiple Sheet Diagram User Interface
- 50 Thermo Methods/886 Component Database
- Mixed Amino Thermodynamics
- Crude & Multi-Component Distillation Towers
- Flash Vessel Sizing / 2 Phase HX Rating
- Crude Feeds (ASTM D-86/1160, TBP)
- Automatic Output to Microsoft® Excel

Download Professional version at:  
[www.winsim.com](http://www.winsim.com)

**WinSim Inc.**  
P.O. Box 1885, Houston, TX 77251  
Email: [sales@winsim.com](mailto:sales@winsim.com)  
Phone: 281-565-6700 Fax: 281-565-7593

## Engineering Profiles

**Chemical Industry Recruiters  
Technical – Engineering – Operations  
[www.engineeringprofiles.com](http://www.engineeringprofiles.com)**

P.O. Box 15537  
Pensacola, FL 32514  
Billy Price Email: [bprice@engineeringprofiles.com](mailto:bprice@engineeringprofiles.com)

PH: (850) 969-9991  
FAX: (850) 969-9987



**The World's Leading Risk Assessment Software**

**PHA-Pro 4** : HAZOP / What-If for OSHA PSM  
and SIL / LOPA for IEC 61508

**RiskSafe 5** : Job Safety Analysis / Behaviour Based Safety

**SVA-Pro** : Security Vulnerability Analysis  
featuring the CCPS methodology

**Request a Free Demo Today**

[www.dyadem.com/ccps](http://www.dyadem.com/ccps)

T. 905.882.5055 F. 905.882.5057 E. [info@dyadem.com](mailto:info@dyadem.com)

## CLASSIFIED 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 July 19, 2004.

### Rates:

Word ads are \$4/word (conjunctions not counted). Simply e-mail a word document to [denid@aiche.org](mailto:denid@aiche.org). Contact 212-591-7170 or [denid@aiche.org](mailto: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>

**SEE MORE JOB LISTINGS ONLINE!**

[www.cepmagazine.org/jobposting.asp](http://www.cepmagazine.org/jobposting.asp)

