

Positions Available

CHEMICAL ENGINEER

Responsible for research and development activities on chemical reactions, formulations and equipment with particular emphasis on condensation, cracking and distillation processes in producing adhesives for use in industrial and medical applications. Must have a Master's Degree in Chemical Engineering (or closely related discipline) or foreign degree equivalent, as well as familiarity with ISO, QSR or equivalent quality standards. Four years of experience in medical adhesive applications is required. **Send resume to Michelle Alfreds, HR Mgr, Chemence Inc., 185 Bluegrass Valley Parkway, Alpharetta GA 30005 and reference Ad. KC001.**

CHEMICAL ENGINEER (MULTIPLE OPENINGS)

Responsible for various chemical manufacturing processes as they relate to our core business of chemical manufacturing of adhesive and sealant products; Responsible for providing engineering expertise to ensure that our processes are in compliance with U.S. government regulations and specifications; Will provide relevant inputs to chemical processes in producing company products, analyzing operating procedures, equipment and machinery functions to reduce processing time and costs, performing test and taking measurements through stages of chemical production and assisting in applying principles of chemical engineering to solve environmental problems. Must have a Master's Degree in Chemical Engineering (or closely related discipline) or foreign degree equivalent with 6 yrs exp. in job offered, or 6 yrs. exp. in related position, or any suit. combo of ed, trng. and/or exp. **Send resume to Michelle Alfreds, HR Mgr, Chemence Inc., 185 Bluegrass Valley Parkway, Alpharetta GA 30005 and reference Ad. PA001.**

COMPUTATIONAL CHEMISTRY

Extraordinarily gifted computational chemists and other computational scientists are sought to join a rapidly growing New York-based research group that is pursuing an ambitious, long-term strategy aimed at fundamentally transforming the process of drug discovery. Candidates should have world-class credentials in computational chemistry, biology, or physics, or in a relevant area of computer science or applied mathematics, and must have unusually strong research and software engineering skills. Relevant areas of experience might include the computation of protein-ligand binding free energies, molecular dynamics and/or Monte Carlo simulations of biomolecular

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systems, application of statistical mechanics to biomolecular systems, free energy perturbation methods, and methods for speeding up evaluation of electrostatic energies — but specific knowledge of any of these areas is less critical than exceptional intellectual ability and a demonstrated track record of achievement. Current areas of interest within the group include the prediction of protein structures and binding free energies, structure- and ligand-based drug design, de novo ligand design algorithms, and the development of special-purpose hardware to accelerate computational chemistry simulations.

This research effort is being financed by the D. E. Shaw group, an investment and technology development firm with approximately \$5 billion in aggregate capital. The project was initiated by the firm's founder, Dr. David E. Shaw, and operates under his direct scientific leadership.

We are eager to add both senior- and junior-level members to our world-class team, and are prepared to offer above-market compensation to candidates of truly exceptional ability. **Please send your CV (including list of publications, thesis topic, and advisor, if applicable) to compchem@deshaw.com.**

D. E. Shaw Research and Development, L.L.C. does not discriminate in employment matters on the basis of race, color, religion, gender, national origin, age, military service eligibility, veteran status, sexual orientation, marital status, disability, or any other protected class.

ACADEMIC OPENINGS

UNIVERSITY OF MINNESOTA DULUTH, COLLEGE OF SCIENCE AND ENGINEERING

The College of Science and Engineering at the University of Minnesota Duluth invites applications for the 3M William L. McKnight Distinguished Visiting Professor in Technology Development. These one or two semester appointments could include support for sabbaticals, post-doctoral fellows, and visiting professors in the Departments of Chemical Engineering, Computer Science, Electrical and Computer Engineering, and/or Mechanical and Industrial Engineering. Please see <http://www.d.umn.edu/cse> for the full advertisement for this position.

The College is particularly interested in candidates whose research interests and expertise may provide leadership in the development of new initiatives or complement current college efforts. Applicants must have an advanced degree in the relevant discipline or related field by time of appointment; a Ph.D. or equivalent is desired. Industrial experience and/or a willingness to interact with industry and our students are desirable qualifications in a candidate. Applicants must have demonstrated evidence of effective research and communication skills appropriate to the position. The 3M McKnight visiting professors will be required to teach at least one course each semester in their areas of expertise.

Completed applications must include a letter of application specifying the preferred host department, a curriculum vita, a research plan, statement of teaching philosophy, and the names, addresses, telephone numbers, and e-mail addresses of three professional references. **Send completed applications to: James P. Riehl, Dean, College of Science and Engineering, 1303 Ordean Court, Engr 140, University of Minnesota Duluth, Duluth, MN 55812.** Review of complete applications will begin June 1, 2004, and will continue until the positions are filled. The University of Minnesota is an equal opportunity educator and 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 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

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.

CLASSIFIED ADVERTISING RATE INFORMATION

Classifications:

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Published monthly.

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3rd Monday of the month prior to that month's issue. Next closing date is June 21, 2004.

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Word ads are \$4/word (conjunctions not counted). Simply e-mail a word document to denid@aiiche.org. Contact 212-591-7170 or denid@aiiche.org for classified display ad and business card ad rates and guidelines for submittal.

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- What the Capital Project Manager Needs to Know about Soil, Foundations, Concrete, Welding, and Piping
- What the Capital Project Manager Needs to Know about Electrical Power and Control Systems

RESPECTIVE SEMINAR DATES AND LOCATIONS

Joliet, IL-August 2nd, 9th, 16th
St. Louis, MO-August 23rd, 24th, 25th
Clark, NJ-September 15th, 16th, 17th
Denver, CO-October 30th, 31st, November 1st

CALL FOR INFORMATION AND BROCHURE

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