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POSITIONS AVAILABLE

R&D ENGINEERS

Cabot Corporation (CBT/NYSE) is a global specialty chemicals and materials company headquartered in Boston, MA. While our product offerings have changed since our founding in 1882, our commitment to safety, innovation, performance and customers is as strong as ever. Some of the other traits we look for in our people include a solid work history, eagerness to learn new things, a high energy level with a strong desire to succeed, and the ability to communicate and thrive in a team environment. If these traits describe you and you're looking for an opportu-

nity to join a thriving business with opportunities to grow, Cabot wants to hear from you! Cabot Corporation is seeking R&D engineers to drive innovation in process technology. We are looking for smart, energetic, motivated and self-starting individuals with expertise in advanced combustion technologies, gas/solid separations, gas processing and/or high temperature processing. These engineering positions offer an opportunity to utilize exciting science and innovation while making a rewarding contribution to key initiatives in our core business. We have opportunities available at both our Global Technology Center located in Billerica, MA and our Pilot Plant, scale-up facility located in Pampa, TX. **To view a more complete and detailed job description of these**

exciting positions, please visit our website located at <http://www.cabot-corp.com/> and respond online. CABOT has excellent compensation/benefits package including health, dental and life insurance, 401k, educational financial assistance, employee stock ownership plan and much more.

CHE - REFINING - ALABAMA - \$120K & BONUS

Chemical Process Engineer with refining b/g. Experience level open. Promotable to management. Relocation fully covered. John T. Baker & Associates, Inc. Search Specialists - Est. 1979. Ph: 281-556-1798. **E-mail resume to: johnbaker@aol.com**

GRACE

W. R. Grace is a leading global supplier of catalysts and other products and services to petroleum refiners; catalysts for the manufacture of plastics; silica-based engineered and specialty materials for a wide-range of industrial applications; specialty chemicals, additives and materials for commercial and residential construction; and can sealants and coatings for food packaging. With annual sales of more than \$2.5 billion, Grace has employees in nearly 40 countries. Visit: www.grace.com.

The Grace Davison Advanced Refining Technologies group has two openings for individuals to join us: Baltimore, Maryland and Chicago, Illinois

R&D Scientist/Engineer: Position is responsible for commercializing new products and providing manufacturing support for current commercial hydroprocessing products. Responsibilities include coordinating scale-up and validation of new catalysts, providing manufacturing support and contributing to new products. Individual will communicate with sales, marketing, R&D and manufacturing personnel.

Qualifications: M.S. or Ph.D. in Chemistry or Chemical Engineering. 3-5 yrs experience in catalysis or petroleum processing research and development. Familiarity with standard catalyst preparation techniques, pilot plant testing and data interpretation. Must have current US work eligibility status.

We offer competitive salary and benefits packages.

Send resumes to
Jobs.davisoncolumbia@grace.com

Grace is an Equal Opportunity Employer

Schlumberger

QHSE Specialist - Explosive Safety Officer

Schlumberger is the leading oilfield services provider, trusted to deliver superior results and improved E&P performance for oil and gas companies around the world. Through our well site operations and in our research and engineering facilities, we are working to develop products, services and solutions that optimize customer performance in a safe and environmentally sound manner. Reflecting our belief that diversity spurs creativity, collaboration, and understanding of customers' needs, we employ over 70,000 people of more than 140 nationalities working in approximately 80 countries.

We are currently seeking a QHSE Specialist - Explosive Safety Officer for our Schlumberger Reservoir Completions Technology Center (SRC) in Rosharon, TX.

Job Responsibilities Include:

To oversee explosives on the SRC campus, including, but not limited to, adhering to all regulatory requirements (*i.e.*, BATFE, NRC, OSHA, etc.), maintaining, developing and implementing safety measures for all explosive and radiation-related operations through knowledge of industrial processes, mechanics, chemistry, health practices, and applicable laws and regulations.

Education/Experience:

BS or higher degree in chemistry, mechanical engineering or chemical engineering is preferred. Strong HSE and process manufacturing background with highly hazardous materials is mandatory. Familiarity with OSHA PSM and PHA requirements for highly hazardous materials is required. Experience with explosives and explosives manufacturing is desirable.

Must be capable of passing ATF security screening to work with explosives.

Please forward resumes to: kjhansen@slb.com or fax to 281-285-6400.

Schlumberger is an Equal Opportunity Employer.



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ambitions

Science Foundation
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Professorship
in Solar Energy
Engineering

Ref: 003541

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Dublin invites
applications for the
Science Foundation
Ireland – Airtricity,
Professorship in Solar
Energy Engineering.

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www.ucd.ie/vacancies
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Baile Átha Cliath

www.ucd.ie/vacancies

UCD is an equal opportunities employer.

MULTIPLE TECHNICAL SUPPORT POSITIONS

Provide technical support and consulting to AspenTech's customers through telephone, E-mail, and Web on AspenTech's software. Position available in each of the three areas of process engineering modeling, refinery planning and scheduling (PIMS), or advanced process control. Deliver training to the customers on these software products. BS, MS or Ph.D in Chemical Engineering. 2+ years of relevant industry experience desirable (engineering design and modeling, refinery planning, advanced control). Excellent troubleshooting and communication skills. Reply to michael.rheaume@aspentech.com.

SRI CONSULTING DIRECTOR

Chemical engineer with significant industry experience at the director level to join its Process Economics Program (PEP). Location is The Woodlands, TX or Menlo Park, CA. Manage program development and growth, P & L, sales and marketing and client relations. Deep knowledge of process design and current industry issues is critical. Supervise conceptual design and cost estimates used in the chemical and energy industries. Process evaluations and feasibility studies for individual clients. Degree in chemical engineering and 8-10 years of proven experience in management of employees, successful sales experience, top notch communication skills and intellectual curiosity. 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.**

ACADEMIC OPENINGS

UNIVERSITY OF WASHINGTON DEPARTMENT OF CHEMICAL ENGINEERING FACULTY POSITION

The Department of Chemical Engineering at the University of Washington invites applications or nominations for one and possibly two full-time, tenure-track faculty position(s) to begin September 16, 2009. The Department is seeking at the Assistant and Associate Professor levels, although an appointment may be made at the rank of Professor if circumstances and qualifications warrant. We are a faculty of 14 with 65 graduate students and 130 undergraduates (juniors and seniors only). Research strengths include, nanotechnology, photonics, biotechnology, immunology, organic electronics, electrochemical engineering, fuel cells, computational methods, colloids, and interfacial phenomena. Additional information about the Department can be found at <http://www.cheme.washington.edu/>. Applications in the areas of energy, biomolecular and nanoscale systems, and organic and molecular electronics or related fields will be considered. Candidates must demonstrate outstanding potential for high impact research as judged, in part, by their publication record. University of Washington faculty engage in teaching, research, and service.

Candidates will be expected to provide innovative and quality teaching that integrates molecular and nanoscale principles of research with instruction at both the undergraduate and graduate levels. A Ph.D. degree is required. Candidates in the final stages of a doctoral degree program may be appointed on an acting basis. **Please apply online at <https://www.engr.washington.edu/facsearch/> with a letter of application, a detailed curriculum vitae, a list of publications, a statement of research and teaching interests, and the name, address, and phone number of at least three references.** Applications received by December 15, 2008 will be

given priority consideration, and the positions will remain open until they are filled. The University of Washington was awarded an Alfred P. Sloan Award for Faculty Career Flexibility in 2006. In addition, the University of Washington is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. The University of Washington is an Affirmative Action, Equal Opportunity employer.



NUS-KAUST Special Partnership

Research Fellows / Engineers

King Abdullah University of Science and Technology (KAUST), Saudi Arabia, and National University of Singapore (NUS) invite applications for Research Engineers, Post-Doctoral Fellows and more senior research positions in the following areas under their Special Research Partnership:

Membrane technology (Prof Neal TS Chung): Membrane science, water purification and separation.

Nanostructured materials (Prof HC Zeng): Design, synthesis and assembly of nanostructured materials, with additional background in either experimental heterogeneous catalysis or computational chemistry.

Solar-powered adsorption desalination (Prof KC Ng): Engineers with research experience in adsorption thermodynamics. Individuals without PhD may be considered for these positions.

Please visit <http://www.chbe.nus.edu.sg/nus-kaust.html> for more details on the programs and the principal investigators.

Candidates should have a PhD in relevant areas of chemical engineering, mechanical engineering, materials science and engineering, chemistry, physics, and computational science and engineering, and must have a strong publication record, demonstrated accomplishments in high-impact research, and excellent fluency in English. Successful applicants will first spend 8-12 months at NUS prior to moving to KAUST's state-of-the-art research laboratories in Saudi Arabia.

Each program above has at least 2 positions per year for the next 3 years. The positions, initially for two years, are renewable, and carry highly competitive salaries (with benefits that compare favorably with the best global private and public institutions). Benefits include pension and savings plans, medical coverage, disability benefits, vacation allowance, housing, and educational assistance for dependents. More information can be found in the university website: <http://www.kaust.edu.sa>.

Interested applicants should send a CV, along with the names and contact information of three references, and sample publications to KAUST-NUS-partnership@nus.edu.sg. Please indicate clearly the area for which you are applying. Please also request your references to send the letters directly to the above email address.

Review of applications will continue until all the positions are filled. The qualified candidates may be invited for interview at NUS and will also be interviewed by KAUST. Offers will be based solely on merit, without regard to gender, race or religion.

College of
Engineering



Lecturer/Senior Lecturer/ Associate Professor

Department of Chemical and Process Engineering

Reference Number: A147-08B

Closing Date: 16 June 2008

Applications are invited for a full-time, continuing academic position in the Department of Chemical and Process Engineering at the level of Assistant Professor, Associate Professor, or Professor, respectively, (in the US system) commensurate with the successful applicant's experience.

The Department is seeking to build on its areas of strengths such as sustainable energy, bioprocessing, nano/particle processing, wood processing and computational fluid dynamics. The successful applicant will be expected to develop a balanced teaching and research portfolio and contribute to departmental and university administration.

For further detailed information on the position, including how to apply online, please visit: <http://vacancies.canterbury.ac.nz/>, or for assistance contact the HR Administrator, phone +64 3 364 3473, or email: hr@engineering.canterbury.ac.nz. The successful candidate is expected to take up the position no later than March 2009. Job sharing or other innovative employment practices could be considered.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING ASSISTANT PROFESSOR

The Department is inviting applications for an Assistant Professor position. Applicants should have a PhD degree in chemical engineering or related fields. Preference will be given to those with proven record in bio-engineering research. The successful candidate is expected to be able to develop a strong, independent and innovative research program, and be capable of teaching chemical or biomolecular engineering courses for both undergraduate and postgraduate students. Salary is highly competitive with generous fringe benefits. Initial appointment will normally be on a three-year contract, renewable subject to mutual agreement. A gratuity will be payable upon successful completion of contract. **Applications together with curriculum vitae, research and teaching plan, and the names and addresses of three referees should be sent to Ms. Jenny Lung, Secretary, Faculty Search Committee, Department of Chemical and Biomolecular Engineering, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong on or before Tuesday, 15 July 2008.** The search will continue until suitable appointment is made. For further details of the Department and its current research activities, please refer to www.ceng.ust.hk.

FACULTY POSITION IN CHEMICAL ENGINEERING HOWARD UNIVERSITY, WASHINGTON, DC

<http://www.howard.edu/ceacs/departments/chemical/>. The Chemical Engineering Department at Howard University invites applications for a tenure-track position at the assistant/associate professor level. The department seeks individuals with outstanding academic records, who are dedicated to excellence in education and research. Current faculty members are actively engaged in funded research in the areas of biochemical engineering, environmental engineering, reaction engineering, fuel cells, energy systems analysis, nanomaterials and nanotechnology. The department is seeking to expand its depth and enhance research capabilities in the broad areas related to biomolecular engineering. Candidates with research interests in other areas of chemical engineering will also be considered and are encouraged to apply. Successful candidates are expected to develop a nationally recognized program of externally funded research and demonstrate a strong commitment to undergraduate and graduate education and research. Applications should include a letter of application, accompanied by: (i) a complete curriculum vitae, (ii) a statement of research and teaching interests, (iii) names and contact information of four references familiar with the candidate's research and teaching abilities, and (iv) copies of pertinent publications. **Correspondence should be addressed to: The Chair, Faculty Search Committee, Chemical Engineering Department, Howard University, 2300 6th St. NW, Washington, DC 20059.** Screening of applicants will start immediately and continue until the position is filled. Howard University is an Equal Opportunity Employer.



THE UNIVERSITY OF UTAH *Utah Science, Technology, and Research*

The University of Utah invites applications for a tenure-track faculty position directed towards improved recovery of natural gas. The position will be an appointment within the College of Engineering in the Department of Chemical Engineering collaborating with the Energy & Geoscience Institute (EGI). Joint appointments with other departments will also be considered. The successful candidate must have a Ph. D. in Chemical, Petroleum, or related engineering disciplines and a developing reputation in his/her field of research. The candidate would be expected to fulfill the teaching, research, and service missions of the department. Before hiring, the selected candidate must provide proof of U.S. citizenship or authorization to work in the U.S. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students. Interested persons should send a cover letter, vitae, list of publications, statements of research interest and teaching philosophy, and at least three reference contacts to:

**Search Committee
University of Utah Department of Chemical Engineering
50 S Central Campus Dr. Rm 3290
Salt Lake City, UT 84112**

Evaluation of applications will begin immediately and continue until the position is filled. Applicants should reference this ad in their cover letters.

The University of Utah is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities, and provides reasonable accommodations for known disabilities of applicants and employees.

SEE MORE JOB LISTINGS ONLINE!

<http://careerengineer.aiche.org>

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS, THE STATE UNIVERSITY

seeks applications for the position of Research Associate in the area of chemical/pharmaceutical engineering. The research focuses on the study and characterization of pharmaceutical unit operations such as granular mixing, feeding and tablet coating. The responsibilities include but are not limited to performing discrete element modeling and simulation studies of powders and tablet coating, using Laser Induced Breakdown Spectroscopy (LIBS) technique to analyze coating uniformity, designing and carrying out experiments and guiding graduate and undergraduate students. The applicant must be highly motivated and independent, and must have a Ph.D. in Chemical Engineering or related field with experience in

computational research. They should have demonstrated ability to perform independent research. Proficiency with C/C++ programming language is essential. In addition to a high degree of technical proficiency, this position also requires excellent communication skills, interpersonal skills, attention to detail, planning skills, multi-tasking, proficiency in the use of computers and relevant software, and strong written and verbal communication skills. **Applicants are requested to send a letter describing their prior research experience, current interests and goals, and curriculum vitae to hpederse@coewww.rutgers.edu or mail to Department of Chemical and BioChemical Engineering, Rutgers, The state University, 98 Brett Road, Piscataway, NJ 08854.**

RECRUITMENT ADVERTISING INFORMATION

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Published monthly

Closing date:

3rd Monday of the month prior to that month's issue. Next closing date is July 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 classified 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.

<http://careerengineer.aiche.org>

Dear AIChE Members,

If you have any notable or interesting memorabilia and/or photos related to AIChE and chemical engineering activities, we would like to publish them in the AIChE centennial book. Please send them to Haeja Han at haejh@aiche.org or 3 Park Ave. (19th fl.), New York, NY 10016.

Talented Chemical Engineers

TONAWANDA, NEW YORK

With over 3,000 active patents and annual sales of over \$9 billion, Praxair, Inc. is a global, Fortune 500 company that supplies atmospheric, process and specialty gases, high-performance coatings, and related services and technologies. We are currently seeking several talented Chemical Engineers for the following opportunities at our Technology Center:

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Prepurification	JOB ID 0800432
Distillation	JOB ID 0801130
Adsorption	JOB ID 0801153
Process	JOB ID 0800842 & 0801145
Project Management	JOB ID 0800356

To find out more and apply online, please go to www.praxair.com/careers, click on 'Career Opportunities' and 'Search for Professional Career Opportunities'. Then search by job numbers listed above. An equal opportunity employer, m/f/d/v.

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