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POSITIONS AVAILABLE

MANUFACTURING PROCESS SAFETY MANAGER, DYNONOBEL

Manage and coordinate strategies, program development, and implementation of Technical Standards, Process Safety Management (PSM), and Manufacturing Risk Management at a corporate level. Threat Assessment, and Best Practices for improvements and regulatory compliance for Manufacturing Operations in North America. Apply 15-20 years of Chemical Engineering experience, OSHA/EPA knowledge, or equivalent, and process safety expertise to establish and implement programs aimed at prevention, control, and mitigation or release of high hazardous chemicals and explosives in Dyno Nobel facilities. Dyno Nobel Inc offers a competitive salary, bonus incentive and benefits program in addition to a stimulating, professional environment. Please submit resume in WORD format to dnnajobs@am.dynonobel.com Attn: REQ#0707. Must have current work authorization. All position are contingent upon successful completion of a Federal Background Check, Three Year MVR record, Drug Test and company physical. Equal Opportunity Employer M/F/D/V.

GLOBAL PROCESS SAFETY ADVISOR, HOUSTON, TEXAS OR NAPERVILLE, IL

BP is one of the largest oil and gas producers in America and is a major player in petroleum exploration and production around the world. If you are someone who is driven to make a difference, to prove yourself, and are ready to make a move in your career, BP is the place for you. BP is currently seeking a Global Process Safety Advisor, Houston, Texas or Naperville, IL. This position plays a key role in creating and implementing strategies, globally across BP, to improve process safety performance through initiatives which covers the HSE & Operations strategic themes of plant, process and people. We are in search of a seasoned professional possessing a Bachelor's Degree in Engineering or a related discipline and 10 years of professional experience as a Process Safety Manager in an oil or chemical production facility. Mastery knowledge of process safety, integrity management, major accident risk and hazard assessment is needed. The successful candidate will also have a strong skill in the application and interpretation of hazard identification studies, HAZOP and QRA activities. **A detailed job description and application process can be found online: www.bp.com/careers/us, click on**

"experienced hires", then click "search by job number" and enter job #10765 in the keywords/job ID field. The successful applicant must submit and pass a drug screening test prior to employment and may be required to participate in a random drug-screening program. BP is an Equal Opportunity Employer.

PROCESS SAFETY PROFESSIONALS, ACUTECH CONSULTING

AcuTech Consulting Group, a global leader in process safety and security consulting, has many exciting opportunities for process safety professionals. Experience leading PHAs, Audits, or other risk assessment work required. Several positions available throughout the US. See <http://www.acutechconsulting.com/employ/index.html> or <http://www.aiche.org/apps/careerengineer/index.asp> for further details. Please reference AICHe807.

ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF SOUTH ALABAMA

invites applications for a tenure-track faculty position at the Assistant Professor level. Exceptionally qualified applicants may be considered for more senior appointments. Applicants should have a Ph.D. in Chemical Engineering or a closely related field, an outstanding academic record, a demonstrated commitment to excellence in undergraduate and graduate education, and be capable of establishing a strong international reputation for their research program. Opportunities exist for collaborative research with faculty in the University's College of Medicine and/or chemical industries in the area. The Department has an ABET accredited undergraduate program and an industrially oriented Masters program. More details about the Department can be found at www.usouthal.edu/engineering/chemical. The preferred appointment is for Spring 2008; however, applications will be accepted until the position is filled. **Please submit a resume, statement of research and teaching plans, representative publications and a list of three references to: Dr. Srinivas Palanki, Department of Chemical Engineering, University of South Alabama, 307 University Blvd N., EGLB 244, Mobile, AL 36688-0002.** Review of applications will begin September 1, 2007. The University of South Alabama is an Equal Opportunity/Equal Access Institution Employer.

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That's Why We Need You.**



**Process Engineers
Southern California Offices**

Fluor has an immediate need for Process Engineers (all levels) with process design experience in petroleum refining, petrochemicals, gas processing, coal gasification, GTL plants, and chemical plants.

You will be responsible for process work such as process simulations in Hysys, Pro II and Aspen; process flow diagrams; process equipment design; and P&ID's.

Requirements include a Bachelor's degree or Master's degree in Chemical Engineering with a minimum of 5+ years of applicable industry experience. In addition, you must be capable of performing process studies, conceptual design, front-end engineering and detailed engineering as well as applying chemical engineering principles to the work process. The ability to work in a project oriented environment and interface effectively with project and engineering disciplines is necessary.

Salary equal to your experience and performance, with generous benefits including, health, dental, 401(k), defined retirement plan and more. To apply, **visit our website at: www.fluor.com/careers.**

Fluor is an Equal Opportunity Employer that recognizes the value of a diverse workplace. M/F/D/V.

FLUOR®

ENDOWED CHAIR POSITION, TULANE UNIVERSITY, DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING.

We invite applications and nominations for The Herman and George R. Brown Chair in Engineering. We seek an outstanding individual with an internationally-distinguished record of research and publication, proven excellence in both undergraduate and graduate chemical & biomolecular engineering education, as well as a demonstrated ability to attract external research support. All research areas will be considered. We especially encourage applications from women, minorities, and persons with disabilities. **Applicants should submit a curriculum vitae, research and teaching plans, and a list of at least three references to: Chair, Endowed Chair Search Committee, Department of Chemical and Biomolecular Engineering, Tulane University, New Orleans, LA 70118.** Complete applications will be accepted and reviewed until the position is filled. Tulane is an affirmative action, equal opportunity employer.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT TULANE UNIVERSITY invites applications for tenure-track/tenured faculty positions. Tulane's chemical engineering department is the third oldest in the country, with a vibrant research program in the signature areas of nanotechnology, biotechnology and advanced materials. There are tremendous collaborative opportunities for interdisciplinary research. Candidates should have a demonstrated excellence in research, as well as a chemical engineering background and a strong commitment to excel in both undergraduate and graduate chemical & biomolecular engineering education. **Applicants should submit a curriculum vitae, research and teaching plans, and a list of references to: Chair, Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Tulane University, New Orleans, LA 70118.** Applications will be reviewed on an ongoing basis until the positions are filled. We especially encourage applications from women, minorities, and persons with disabilities. Tulane is an affirmative action, equal opportunity employer.

FACULTY POSITION IN CHEMICAL ENGINEERING AT YALE UNIVERSITY

The Department of Chemical Engineering at Yale University invites applications for a tenure-track faculty position at the Assistant Professor level. The search is focused on individuals demonstrating outstanding potential, and with research interests on the biomolecular/biological side of modern chemical engineering, including bioseparations, biocolloids/biointerfaces, biomaterials, and bionanotechnology. The successful candidate will be expected to develop a creative and dynamic externally-funded research program, teach undergraduate and graduate courses in chemical engineering, and advise graduate students. With exciting programs at the forefront of the biological, medical, physical, and engineering sciences, Yale offers an ideal intellectual setting for a flourishing academic career in biomolecular/biological engineering. **Nominations and applications with a detailed resume, a descrip-**



Process Engineers

Abengoa Bioenergy, a leading technology company and producer of ethanol in North America, Europe and Brazil, is seeking Process Engineers for its New Technologies-Process Engineering Group located in Denver, CO and Chesterfield, MO.

Senior Process Engineers — Develop process design packages, process models (Aspen Plus), material and energy balances, P&IDs and equipment specifications. BSChE or BSME and 10 years experience in engineering in the process industry.

Senior Process Engineer, Process Control — Determine the control methodology, specify hardware and assist with the startup of pilot, demonstration and commercial scale processes. BSChE or BSME and 10 years experience in specifying process control systems and hardware.

Senior Process Engineer, Cost Estimation — Develop cost estimates of new processes at various stages of the design development by utilizing existing and external sources. BSChE or BSME and 10 years experience in cost estimating in the process industry.

Senior Process Engineer, Solids Handling — Design, test and specify processes for moving non-standard solids such as chopped corn stalks, straw and wood chips. BSChE or BSME and 10 years of experience with handling bulk solids on a commercial scale.

Senior Process Engineer, Liquid/Solid Separations — Test and specify process equipment for various liquid-solid separation needs in the cellulose conversion process. BSChE or BSME and 10 years experience in research, design or specification of separation equipment.

Process Engineers — Develop process models (Aspen Plus), material and energy balances, P&IDs and equipment specifications for new processes. BSChE or BSME and 3 years experience in the process industry.

Abengoa Bioenergy
Attention Human Resources
1400 Elbridge Payne Road, Ste. 212
Chesterfield, MO 63031
Fax: (636) 728-0585

tion of research and teaching interests, and names and addresses of four references should be sent to: Chair, Chemical Engineering Search Committee, Department of Chemical Engineering, Yale University, P.O. Box 208286, New Haven, CT 06520-8286. Review of applications will begin September 15, 2007 and continue until the position is filled. Yale University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and members of underrepresented minority groups. See <http://www.eng.yale.edu/content/DPChemicalEngineering.asp> for further information on our department.

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 have an opening for a tenure-track position at any rank, commensurate with qualifications, starting Fall 2008. We expect the candidate to continue to grow our biochemical engineering program. A PhD in Chemical Engineering is required. Industrial and teaching experience in the biochemical engineering area is highly 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 via online application at <https://jobs.rose-hulman.edu>.** Applications received by October 8, 2007 will receive full consideration. Applications will be accepted after October 8, 2007 until the position is filled. EEO/AA.

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY

invites applications for a tenure-track faculty position. 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. The successful applicant's research interests will complement and strengthen our NSF Engineering Research Center on Structured Organic Particulate Systems (<http://solids.rutgers.edu/ERC/>). Joint appointment with another Department is possible. **Applicants should send a curriculum vitae, detailed description of research and teaching interests, and names of at least three references to: cbesearch@sol.rutgers.edu, or Chair of the Search Committee, Department of Chemical and Biochemical Engineering, Rutgers The State University of New Jersey, 98 Brett Road, Piscataway, NJ 08854-8058.** Review of applications will begin September 30, 2007 and continue until the position is filled. Information about the department can be found at <http://sol.rutgers.edu>. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

TENURE TRACK POSITION, DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE, UNIVERSITY OF CALIFORNIA, DAVIS

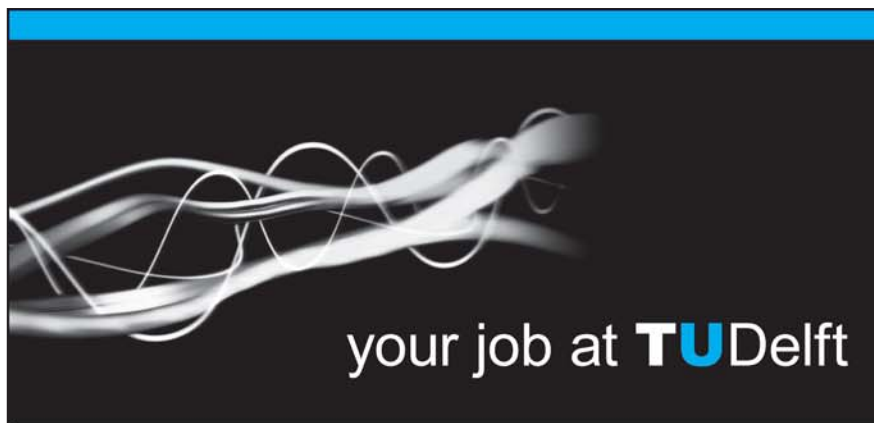
Applications are invited for a faculty position at the Assistant Professor level in Thermodynamics of Materials with an experimental emphasis focusing on problems related to energy, nanomaterials and complex materials. Commitment to cross-disciplinary undergraduate and graduate education is essential. A Ph.D. in materials science, chemical engineering, chemistry or related discipline is required. [The successful applicant will have access to the Peter A. Rock Thermochemistry Laboratory which is a center of excellence in calorimetric measurements as well as to other characterization equipment in the departmental central facilities, the NEAT ORU <http://neat.ucda-vis.edu/> and elsewhere on campus.] **Consult <http://www.chms.ucdavis.edu/employment/> for our on-line application procedure and requirements.** The position is open until filled; but to assure full consideration, applications should be submitted no later than October 30, 2007, for a start date of July 1, 2008. UC Davis is an affirmative action / equal opportunity employer, and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans.

CLEMSON UNIVERSITY – CHEMICAL AND BIOMOLECULAR ENGINEERING

Faculty position: The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for multiple openings at the level of Assistant Professor or higher, commensurate with the candidate's experience and level of achievement. Individuals with outstanding potential and scholarly interests in modern Chemical and Biomolecular Engineering are sought, especially in the area of biomass conversion to fuels and polymers. Candidates must have an earned Ph.D. in Chemical Engineering or a closely related field. **Applicants should submit a cover letter along with copies of a resume, a statement of research and teaching interests/philosophy, and the names and addresses of three references to The Chair of the Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Clemson University, Clemson, SC 29634-0909 or ChBESearch@ces.clemson.edu.** Review of applications will begin on October 15, 2007. Applications received by December 15, 2007 will receive full consideration, with the review process continuing until the position is filled. Information about the department is available at <http://www.ces.clemson.edu/chemeng/>.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF SOUTH CAROLINA

seeks to hire several tenure-track faculty members. We are particularly interested in candidates in strategic core areas, including biomedical engineering, fuel cells, computational nanoscience, and polymer nanocomposites. Successful candidates will have demonstrated the ability to develop and conduct independent, cutting-edge research that augments and complements existing departmental expertise. **Applicants must submit a letter of application, a vita, statements of both research and teaching interests, names of three references, and copies of selected publications to the Chair Chemical Engineering Search Committee, Department of Chemical Engineering, University of South Carolina, Columbia SC 29208. Applications may also be submitted electronically to ChemEngSearch@enr.sc.edu.** The Department is particularly interested in receiving applications from traditionally under-represented groups. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation, or veteran status. The University of South Carolina has designated as the ADA Title II, Section 504 and Title IX coordinator, the Executive Assistant to the President for Equal Opportunity Programs. The Office of the Executive Assistant to the President for Equal Opportunity Programs is located in Suite 805 of 1600 Hampton Street, Columbia, SC; telephone 803-777-3854.



your job at **TU Delft**

CHALLENGE THE FUTURE

Delft University of Technology is a multifaceted institution offering educational and research opportunities within the technical sciences at an internationally recognized level. Education, research and design are all conducted with an emphasis on social applicability. TU Delft develops technologies for future generations, focusing on sustainability, safety and economic vitality. At TU Delft, you will work in an environment in which technical sciences and society converge. TU Delft comprises eight faculties, unique laboratories, and various research institutes.

Department

The Multi-Scale Physics Department (MSP) deals with industrial and environmental processes. MSP aims at a better understanding, a better description and - in industry - a better control of these processes. MSP research is aimed at flow and transport phenomena over a wide range of time and length scales. We investigate the interaction of molecular transport of heat and mass, chemical reactions, turbulent eddies, bubbles, drops and particles, and flow and convective transport at the scale of (micro) vessels or at that of cumulus clouds and atmospheric turbulence. Typically, we use continuum concepts for describing these phenomena and processes, or sometimes molecular models (under rarefied conditions). To this end, MSP develops and utilises advanced computational and experimental tools.

Three to four Assistant and/or Associate Professors in Applied Fluid Mechanics and Chemical Engineering

Department:	Multi-Scale Physics Department (MSP)
Level:	Academic
Extent of the position:	38 hours per week
Salary:	Maximum € 4,761 to € 5,670 per month gross

The Assistant and Associate Professors will contribute to education and carry out research in the domains of meteorology and boundary layer flow; turbulence in process equipment; multi-phase flow; chemical engineering. These fields are to be covered in close collaboration with the current faculty. The main part of the research is carried out by PhD students, is financed by external funds and includes collaborations with other disciplines and industry. Your responsibilities comprise education, research and some management duties. You are also expected to carry your share of generating external funding for the department's research when fully settled in the department.

More information

For more information about the position, conditions of employment and the application procedure, please visit our website: www.vacanciesindelft.com

 **TU Delft**

Delft University of Technology

Academics in Bioprocessing Engineering.

Department of Chemical and Biomolecular Engineering

Based at the University of Melbourne, Australia, you will undertake teaching in the broad curriculum and make significant contributions to research. Candidates with a strong background/interest in the following are encouraged to apply: bioprocessing, biochemistry, microbiology fermentation and bioprocessing, material process engineering, sustainable systems engineering and/or biomedical systems.

Salary in AUD: \$100,676 - \$110,914 p.a. (Level D), \$83,611 - \$96,410 p.a. (Level C) or \$68,256 - \$81,052 p.a. (Level B) plus employer superannuation of 17%.

Employment Type: Full-time (continuing).

Enquiries Only To: Tamara Parker, tel. +61 3 8344 9043, email tcparker@unimelb.edu.au

Closing Date: 19 October 2007.

For position information and to apply online go to www.jobs.unimelb.edu.au and search under the job title or job no. 0017439.

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Faculty Positions Chemical, Materials & Biomolecular Engineering



The Chemical Engineering Program of the Department of Chemical, Materials and Biomolecular Engineering at the University of Connecticut invites applications for tenure-track positions in the Chemical Engineering Program. Qualified candidates will be considered at the rank of Assistant, Associate or Full Professor. Successful candidates will have a Ph.D. in chemical engineering or a closely-related field and are expected to establish and maintain vigorous independent research programs and teach at the undergraduate and graduate levels. Salary and rank will be commensurate with qualifications. All areas of research will be considered, but environmental engineering, energy and materials are especially of interest. Research and teaching interactions that support the activities of UConn's interdisciplinary research centers (the Center for Environmental Sciences and Engineering, the Biotechnology Center, the Institute of Materials Science, the Global Fuel Cell Center and/or the Booth Engineering Center for Advanced Technology) are highly encouraged.

Candidates should submit a curriculum vitae, a description of research plans of no more than 5 pages, a one-page teaching statement and arrange for three letters of recommendation to be sent to: **Faculty Search, Dept. of Chemical, Materials and Biomolecular Engineering, University of Connecticut, 191 Auditorium Rd., Storrs, CT 06269-3222.** Review of applications will start on October 1, 2007 and continue until the positions are filled.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT MCMASTER UNIVERSITY

is seeking an outstanding individual for a tenure-track position at open rank in the area of process systems engineering. The position is available from July 1, 2008. Applicants should have a Ph.D. in Chemical Engineering or closely related discipline and have research interests in areas related to process systems engineering: process modeling and optimization, process monitoring and process control. We are also interested in candidates with a strong research publication record in one of the emerging process systems areas, such as systems biology, multiscale modeling etc. The successful candidate will be able to participate in the McMaster Advanced Control Consortium with the existing faculty and 20 member companies. The successful candidate will also be expected to contribute to teaching in both our graduate and undergraduate programs and to develop a strong research program. **Applicants should send a letter of application, full CV including a list of publications, statement of teaching and research interests, a selection of research publications, and the names of at least three references (with postal and email addresses). Registration or eligibility for registration, by the Professional Engineers of Ontario, will be considered an asset. Please send the application materials to the attention of Dr. Andrew Hrymak, Chair, Department of Chemical Engineering, McMaster University, Hamilton, Ontario, Canada L8S 4L7.** All qualified candidates are encouraged to apply; however, Canadians and Permanent Residents will be given priority. McMaster University is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates, including women, members of visible minorities, Aboriginal persons, members of sexual minorities, and persons with disabilities. Applications will be accepted until the position has been filled. For more information about the department, please consult <http://www.chemeng.mcmaster.ca>.

NATIONAL UNIVERSITY OF SINGAPORE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

The Department of Chemical & Biomolecular Engineering at National University of Singapore invites applications for tenure-track faculty positions at all levels. The Department is one of the largest internationally with excellent in-house infrastructure for experimental & computational research. A PhD in chemical engineering or related areas and a strong research record with excellent publications are required. Please refer to <http://www.chbe.nus.edu.sg/> for more information on the areas of interest and for application details. **Applicants should send a full curriculum vitae (including key publications), a detailed research plan, a statement of teaching interest, and a list of names of at least three references to: Prof. Raj Rajagopalan, Head of Department (Attention: Ms. Nancy Chia, email: nancychia@nus.edu.sg).**

UNIVERSITY OF KENTUCKY, EXTENDED CAMPUS AT PADUCAH, ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING

The Department of Chemical and Materials Engineering at the University of Kentucky invites applications for a tenure-track faculty position at the Assistant Professor level. This is an undergraduate education-oriented position in the ABET-accredited chemical engineering program at the Engineering Extended Campus Program in Paducah, Kentucky. Applicants should have a PhD in Chemical Engineering and the capability to teach across the entire chemical engineering curriculum. It is expected the selected applicant will contribute to developing a strong and nationally recognized undergraduate program and be committed to innovation and excellence in undergraduate education in Chemical Engineering. Research collaborations with local industry and faculty at the Lexington campus are encouraged. Review of applications will begin immediately and will continue until the position is filled. Applicants are encouraged to attend the "Meet the Faculty Candidate" session at this year's AIChE conference in November. **Applicants should apply for requisition number SP517998 online at <http://www.uky.edu/HR/UKjobs/>. Submit PDF files consisting of a resume, teaching philosophy, teaching interests, research interests, and the names of at least three references.** The University of Kentucky is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. More information on the Chemical Engineering program at Paducah can be found at <http://www.engr.uky.edu/paducah/cme>.

CHEMICAL ENGINEERING, UNIVERSITY OF PITTSBURGH, OPEN-RANK FACULTY POSITION

The Department seeks an exceptional individual who can complement existing research expertise. While outstanding applicants in any area will be considered, research areas of particular interest include: Biotechnology, Materials, Modeling and Computation, Nanotechnology and Systems Engineering. The department ranks within the top 25 U.S. chemical engineering departments for Federal R&D funding, and annual research expenditures have exceeded \$4.8 million in recent years. Department faculty members are afforded access to the state-of-the-art nano-scale characterization and fabrication facilities in the newly opened Petersen Institute of NanoScience and Engineering. Active collaboration exists with the adjacent University of Pittsburgh Medical Center, the McGowan Institute for Regenerative Medicine, the Mascaró Sustainability Initiative and the U.S. DOE National Energy Technology Laboratory. **To apply, please submit a CV, names of three references, research and teaching plans to: Professor Mohammad M. Atai; Chemical Engineering Department; 1249 Benedum Hall; University of Pittsburgh; Pittsburgh, PA 15261. Applications accepted via email in PDF format only to che@engr.pitt.edu.** In order to ensure full consideration, applications must be received by January 31, 2008. The University of Pittsburgh is an affirmative action, equal opportunity employer.

TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING

The Department of Chemical, Biomedical and Materials Engineering at the Stevens Institute of Technology announces one tenure-track faculty position opening in Chemical Engineering on July 1, 2008. The department currently has 16 full-time faculty members with research interests in diverse areas such as 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 or a related discipline. While all relevant areas will be considered, preference will be given to candidates with research interests and expertise in bioprocessing, bio-fuel, and pharmaceutical process engineering especially in the context of microsystems. 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, demonstrated accomplishments, and vision for future achievement. Applications will be accepted until the position is 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/ChE, 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.** Stevens Institute of Technology is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

CORNELL UNIVERSITY, SCHOOL OF CHEMICAL & BIOMOLECULAR ENGINEERING, TENURE-TRACK PROFESSOR

Cornell University invites applications for a tenure-track or tenured position in the School of Chemical and Biomolecular Engineering at any rank (Assistant, Associate, or Full Professor) consistent with the candidate's experience and achievements. The successful candidate must demonstrate the ability to build a strong research program, and to effectively teach and mentor undergraduate and graduate students. All research areas will be considered, with preference given to those in the broad area of biomolecular engineering. The successful candidate can expect to benefit from associations with Cornell's interdisciplinary research centers, national facilities and resources in nanobiotechnology, biotechnology, nanoscale systems, materials research, nanofabrication, a High Energy Synchrotron Source and supercomputing facilities (www.engineering.cornell.edu/research/research-centers). Additionally, Cornell University provides an environment that promotes collaboration with other faculty campus-wide, as exemplified by Cornell's initiatives in Life Sciences, Sustainable Development, and Advanced Materials. The School of Chemical and Biomolecular Engineering, and the College of Engineering, are committed to increasing the diversity of the faculty and we strongly encourage people from under-represented minority backgrounds to apply. Cornell is an innovative, inclusive and dynamic teaching and research university where staff, faculty, and students alike are challenged to make an enduring contribution to the betterment of humanity. Cornell is committed to being a supportive, family-oriented employer. **Applicants should submit a curriculum vita, a research statement, a teaching statement, copies of key publications and names of at least three references to the Faculty Search Committee, Attn: Paulette Clancy, Director, School of Chemical and Biomolecular Engineering, 120 Olin Hall, Cornell University, Ithaca, NY 14853 or via email to: cbe_director@cornell.edu.** Located in the Finger Lakes Region of New York State, Cornell University is an equal opportunity, affirmative action educator and employer.

FACULTY POSITION IN CHEMICAL AND BIOLOGICAL ENGINEERING FOR SUSTAINABLE ENERGY

The Department of Chemical and Biological Engineering at Tufts University seeks a tenure-track faculty member at the rank of Assistant or Associate Professor. However, exceptional senior candidates will be considered for appointment at the rank of Full Professor. Candidates with a Ph.D. in Chemical Engineering or closely related field, and excellent qualifications in teaching and scholarship will be considered. The primary area of interest is in the energy field – including but not limited to the areas of clean technologies, environmental catalysis and reaction engineering, fuel processing and fuel cells, advanced materials for energy and systems engineering approaches for energy and sustainability. This position is one of three openings that expand Tufts School of Engineering's emphasis on Environmental Sustainability through energy research. In addition to Chemical and Biological Engineering, the departments of Mechanical Engineering and Electrical and Computer Engineering are also hiring in this field.

Tufts School of Engineering distinguishes itself by the interdisciplinary focus and integrative nature of its engineering education within the intellectually rich environment of a "Research Class 1" University and a top ranking undergraduate institution. Located only six miles from historic downtown Boston, faculty members on the Tufts Medford/Somerville campus have extensive opportunities for academic and industrial collaboration as well as participation in the rich intellectual life of the area. With this search, the School of Engineering is continuing to build strength around three cross-disciplinary focal themes – Environmental Sustainability, Bioengineering, and Engineering Education Innovation.

Review of applications will begin immediately and continue until the position is filled. Send a cover letter, curriculum vitae, list of publications, list of four references and concise teaching and research plans to: *Professor Nak-Ho Sung, Chair, Department of Chemical and Biological Engineering, Tufts University, 4 Colby St., Medford, MA 02155.* Please transmit all application materials electronically to ChBE@tufts.edu. All applications will be treated with the appropriate confidentiality. Tufts University is an Equal Opportunity/Affirmative Action Employer. We are committed to increasing the diversity of our faculty. Women and members of underrepresented groups are strongly encouraged to apply.

For information about the unique cultural and recreational activities in the Boston metropolitan area, visit <http://boston.com>. For additional information about the department, please visit <http://ase.tufts.edu/chemical>.



FACULTY POSITION IN ENERGY REACTION ENGINEERING

THE OHIO STATE UNIVERSITY, College of Engineering invites applications for a tenure track faculty position in the area of **Reaction Engineering** with energy-related research interests in fuel cells, catalysis, process control and design, particle technology, reactive system computation, and/or coal science and engineering. Collaborative research opportunities exist in the new Center for Energy, Sustainability and the Environment at OSU.

We are seeking highly qualified candidates with a PhD degree in Chemical Engineering or allied field, a record of outstanding research accomplishments, and a strong commitment to teaching excellence.

Applicants should submit a letter expressing interest in the position, a detailed curriculum vitae, names and addresses of 3-5 references, and a statement of teaching and research interests to:

Energy Systems Faculty Search
energy-search@osu.edu
c/o Ms. Pat Hall,
The Ohio State University
930 Kinnear Road
Columbus, OH 43212

The search will remain open until the position is filled.

The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.



THE OHIO STATE UNIVERSITY, DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING

invites applications for a tenure-track faculty position created through the University's academic enrichment program. We are seeking highly qualified candidates with a Ph.D. degree in Chemical Engineering or allied field, a record of outstanding research accomplishments, and a strong commitment to teaching excellence. All research areas will be considered, although special consideration will be given to applicants with interdisciplinary research experience in the following areas:

Biomolecular Engineering with systems-biology research interests in the dynamics of biological systems. Collaborative research opportunities exist in the proposed Center for Cell Engineering and in the Mathematical Biosciences Institute and Biomedical Informatics at OSU.

Advanced Materials with focus on the synthesis and modeling of functional materials and complex systems. Collaborative research opportunities exist in the NSF Center for Nanoengineering of Polymer Biomedical Devices, Wright Center of Innovation for Multifunctional Polymer Nanomaterials and Devices, and NSF Center for Advanced Polymer and Composite Engineering at OSU.

Applicants should submit a letter expressing interest, a detailed curriculum vitae, names and addresses of 3-5 references, and a statement of teaching and research interests to: **Professor M. E. Paulaitis, Department of Chemical and Biomolecular Engineering, The Ohio State University, 140 W. 19th Avenue, OH 43210-1180. Phone: 614-247-8847, Fax: 614-292-3769, Email: paulaitis.1@osu.edu.** Electronic applications are encouraged to facilitate a fast-track review by the Search Committee. The search will remain open until the positions are filled.

The Ohio State University is an Equal opportunity/Affirmative Action Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING AT THE UNIVERSITY OF ALABAMA

seeks applications and nominations for two Associate/Assistant Professor positions, with a start date as early as January 2008. We are seeking applicants that will develop a nationally competitive research program with a preference given to candidates whose research is related to biological engineering, biomaterials, or bionanotechnology. It is expected that the successful candidates will work with interdisciplinary colleagues in UA's chemistry, biological sciences, and engineering departments in developing and sustaining their research program. The successful candidates must have a balanced perspective on research and instruction. Teaching at both graduate and undergraduate levels is essential. Applicants must hold a doctoral degree in chemical engineering or a closely related field, and must be a U.S. citizen or a person authorized to work in the U.S. UA's Chemical and Biological Engineering Department offers B.S., M.S., and Ph.D. degrees, and currently consists of 240 undergraduate students, 25 graduate students, and 12 faculty. Sponsored research projects currently exceed \$2 million. The department plays a leading role in the College of Engineering's research and educational mission. For more information on the department, see our website: che.eng.ua.edu. **Interested persons should submit a letter of application, a curriculum vita, a brief description of research and teaching interests and plans, and the names of three references to: Chair, Faculty Search Committee, Department of Chemical & Biological Engineering, The University of Alabama, Box 870203, Tuscaloosa, AL 35487-0203, Telephone (205) 348-6452, Fax (205) 348-6579, E-mail: gcapril@eng.ua.edu.** Review of applications will begin on September 15, 2007, and will continue until the position is filled. The University of Alabama is an equal opportunity/affirmative action, Title IX, Section 504, ADA employer.

NORTHEASTERN UNIVERSITY, CHEMICAL ENGINEERING DEPARTMENT, BOSTON, MASSACHUSETTS

The Department of Chemical Engineering at Northeastern University invites applications for tenure-track faculty appointments at associate and full professor levels. Applicants for the position must have a Ph.D. in chemical engineering or a related field, a strong commitment to excellence in teaching and scholarship, and a well-funded research program. Preference will be given to individuals with research interests in the areas of advanced materials and biological sciences. Potential areas of interest related to advanced materials include, but are not restricted to: nano-, micro-, bio-, and electronic materials, materials processing (e.g., crystallization, vapor deposition, electrochemistry). Potential areas of interest related to the biological sciences and bioengineering include, but are not restricted to: metabolic and tissue engineering,

biological and physical interfaces: science and engineering, systems biology, stem cell biology, biomedical engineering and bioseparations. Responsibilities include teaching at the undergraduate and graduate levels, and graduate student supervision. Positions available for Fall 2008. Salary and rank are commensurate with experience. Applications from women and minorities are particularly encouraged. **Please send a letter of application, statement of teaching and research interests, and a current resume including the names of three references to: Faculty Search Committee Chair (Al Sacco, Jr.), Department of Chemical Engineering (147 SN), Northeastern University, 360 Huntington Avenue, Boston, MA 02115, or email to asacco@coe.neu.edu.** Northeastern University is an Equal Opportunity/ Affirmative Action Educational Institutional Employer.

TENURE TRACK POSITION – ASSISTANT PROFESSOR DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY UNIVERSITY OF CALIFORNIA, DAVIS

The Departments of Chemical Engineering and Materials Science and Food Science and Technology are currently seeking to fill an assistant professor position. Candidates with expertise in biochemical engineering, biomaterials, biophotonics, food engineering, biochemistry, or a related field are strongly encouraged to apply. The successful candidate will demonstrate a strong commitment to health, nutrition, and food production studied and improved by cutting-edge methods in nano- and micro- biosystems such as, but not limited to biosensor and micro-array technology. This position was created as part of the "Foods for Health" Initiative, a campus-wide initiative focusing on cross-disciplinary research on food production, nutrition and health. The successful candidate will be expected to develop an internationally recognized, independent, and funded research program which is consistent with the missions of the College of Engineering and the College of Agriculture and Environmental Sciences and its associated Agricultural Experiment Station. Applicants are expected hold a Ph.D. in a relevant area, teach at the undergraduate and graduate levels, train and supervise students, and collaborate with established programs within the Departments and the University. **Applicants should submit a letter of application, curriculum vitae (including list of publications), description of research and teaching plans, and names and contact information of at least three references at <http://www.chms.ucdavis.edu/employment/>.** The position is open until filled; but to assure full consideration, online applications should be submitted no later than December 3, 2007, for a targeted start date of July 1, 2008. UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans.

THE SCHOOL OF CHEMICAL ENGINEERING, PURDUE UNIVERSITY, seeks outstanding individuals at Assistant or Associate Professor rank with a Ph.D. degree and a strong background relevant to chemical or biological engineering. The candidates for this tenure-track position should have research interests aligned with one or more Purdue College of Engineering signature areas (visit <https://engineering.purdue.edu/Engr/Cluster>). They should also have a distinguished academic record, exceptional potential to conduct world-class research, and a commitment to teach at both the undergraduate and graduate levels. For senior applicants, an excellent reputation in the field of specialty is required. **For consideration, please complete the online application form at <https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications> and include curriculum vitae, statement of teaching and research interests, and the names and addresses of four references.** Review of applications will begin August 1, 2007 and continue until the position is filled. Purdue University is an Equal Opportunity/Equal Access/Affirmative Action employer.

THE DEPARTMENT OF CHEMICAL AND NUCLEAR ENGINEERING AND THE CENTER FOR BIOMEDICAL ENGINEERING AT THE UNIVERSITY OF NEW MEXICO seeks a dynamic individual to fill a probationary appointment leading to a tenure decision in chemical engineering at the Assistant or Associate Professor level to augment and strengthen its commitment to excellence in teaching and research in areas related to biomedical engineering. The University of New Mexico (UNM), the flagship institution of higher learning in the State of New Mexico, is a Carnegie Doctoral Research Institution with Very High Research Activity and a Minority and Hispanic-Serving Institution. The Department has a variety of established research programs related to bioengineering. These include biomaterials, bioanalytical micro- and nanosystems, tissue engineering, bioelectrocatalysis, biointerfacial phenomena, optics and spectroscopy. Examples of new areas that would complement existing strengths in bioengineering include, but are not limited to protein engineering, directed evolution, combinatorial biomolecular synthesis, biomolecular separations and analysis, and quantitative analysis of cellular systems, including systems biology and biocontrols. Applicants must have a Ph.D. in bioengineering, chemical engineering or a closely related field. Successful applicants should have a demonstrated potential for excellence in teaching undergraduate and graduate classes, and for developing an outstanding research program in one or more of the research areas mentioned above or other closely related areas. Excellent communication and interpersonal skills, and a proactive commitment to diversity are also highly desired. **Applicants should send a detailed CV, together with a description of proposed research, a statement of teaching philosophy and interests, and names and contact information for 3-5 references including their academic faculty advisor to: Prof. Gabriel P. López, Chair, Biomedical Engineering Search Committee, Department of Chemical and Nuclear Engineering and Center for Biomedical Engineering, MSC01 1120, 1 University of New Mexico, Albuquerque NM 87131-0001.** Review of applications will begin on Oct. 1, 2007 and will

continue until the position is filled. For further information please visit www.chne.unm.edu and www.unm.edu/~cbme. The University of New Mexico is an equal opportunity/affirmative action employer and educator.

CHEMICAL/BIOLOGICAL ENGINEERING FACULTY POSITIONS, COLORADO STATE UNIVERSITY

The Department of Chemical and Biological Engineering at Colorado State University seeks applications and nominations for tenure-track and tenured chemical/biological engineering faculty positions at the assistant and associate professor levels. Successful junior candidates will develop well-funded research programs and actively participate in education and scholarship activities. Candidates with more experience must have a national/international reputation in their research area. There are no restrictions on research area for candidates; however, applicants with interests in synthetic biology, including protein and metabolic engineering, are particularly encouraged. A Ph.D. or equivalent in chemical or biological engineering, or related field is required. **Important information regarding the application process may be found at <http://cbesearch.engr.colostate.edu>. Electronic submission of application materials at this web site is strongly preferred. If necessary, hardcopy applications may be sent to: Search Committee Chair, Department of Chemical and Biological Engineering, Colorado State University, Fort Collins, CO 80523-1370.** Review of applications will begin October 15 and continue until the position is filled. CSU is an EO/AA employer.

ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Assistant Professor (Tenure Track) in Thermoscience of Fuel Engineering

This position is located at the Institute of Energy Technology of the Department of Mechanical and Process Engineering. Research is focused on the fundamentals of energy science and engineering, with applications in advanced technologies for the efficient energy conversion, encompassing production, processing, transportation, storage, and utilization of chemical fuels.

Candidates should have an internationally recognized track record in energy-related research, be able to initiate, build, and sustain a strong externally funded research program, be able to effectively supervise masters and doctoral students, and commit to high-quality teaching at the undergraduate and graduate level. A strong desire to actively participate in multidisciplinary collaboration within the newly formed Energy Science Center is expected. Courses at Master level may be taught in English.

Assistant professorships have been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

Please submit your application together with a curriculum vitae and a list of publications to the **President of ETH Zurich, Raemistrasse 101, 8092 Zurich, Switzerland, no later than November 30, 2007.** With a view towards increasing the proportion of female professors, ETH Zurich specifically encourages female candidates to apply.



SEE MORE JOB LISTINGS ONLINE!

<http://careerengineer.aiche.org>

THE DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING AT THE UNIVERSITY OF KENTUCKY invites applications for a tenure-track chemical engineering faculty position at the assistant professor level. Applications in all research areas will receive consideration with preference given to those areas which complement existing department strengths in biotechnology, nano-materials, energy and environmental science and engineering, and biopharmaceutical engineering. Applicants should have a Ph.D. in Chemical Engineering, the capability to develop a strong and nationally recognized research program, and a commitment to excellence in undergraduate and graduate education in Chemical Engineering. Review of applications will begin immediately and will continue until the position is filled. **Applicants should apply for the position online at <http://www.uky.edu/HR/UKjobs> (click on Online Employment for Job Seekers, SEARCH POSTINGS and use Requisition # SP518381).** The University of Kentucky is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. More information on the department can be found at: <http://www.engr.uky.edu/cme>.

FACULTY POSITION, DEPARTMENT OF ENERGY SYSTEMS ENGINEERING, SEOUL NATIONAL UNIVERSITY

The Department of Energy Systems Engineering at Seoul National University, Korea seeks to fill two tenure-track faculty positions with the nominal availability date of March 1, 2008. The focus of the positions will be on 'fossil energy resources and utilization' and 'geophysical exploration'. The successful candidates are expected to teach courses in energy and resource technologies at the undergraduate and graduate levels. Development of a research program is expected. A Ph.D. in the area of energy resources is required. Preference will be given to candidates with specialization in 'nonconventional fossil energy development and clean coal technologies' or 'any field of geophysical exploration'. The review of the applications will begin on September 1, 2007. **Applicants should send a cover letter, resume, transcripts, a publication list, a statement of teaching and research interest, and three letters of recommendation to: Professor Joo-Myung Kang, Department of Energy Systems Engineering, College of Engineering, Seoul National University, Seoul, 151-744, Korea, E-mail: jmkang@snu.ac.kr, Tel: +82-2-880-8708, Fax: +82-2-882-4056.**

GEORGIA INSTITUTE OF TECHNOLOGY — THE SCHOOL OF CHEMICAL & BIOMOLECULAR ENGINEERING AT GEORGIA TECH

seeks outstanding individuals for tenure-track positions. Successful applicants will have a Ph.D. in Chemical Engineering or a related discipline. We seek the best possible candidates, irrespective of research field. **A curriculum vitae, a statement of research and teaching interests, and names and addresses of at least four professional references should be submitted electronically to faculty.candidates@chbe.gatech.edu. Alternatively, hard copies of the above information can be mailed to Ronald W. Rousseau, Professor and Chair, School of Chemical & Biomolecular Engineering, Georgia Institute of Technology, Atlanta, GA 30332-0100.** Georgia Tech is an equal opportunity employer and a unit of the University system of Georgia.

TENURE TRACK FACULTY POSITION, CHEMICAL ENGINEERING DEPARTMENT, UNIVERSITY OF LOUISVILLE

Applications are invited for a tenure track faculty position in the Chemical Engineering Department, University of Louisville, at the Assistant Professor level, with preferred starting date of July 1, 2008. Successful candidates will contribute to the core teaching mission of the department by teaching undergraduate and graduate courses in Chemical Engineering. The candidate is expected to develop a nationally-recognized, externally funded research program on micron-scale technology applied to the development of advanced materials, energy sources, drug delivery systems, chemicals or sensors. His or her research should leverage the University's new class 100 microfabrication cleanroom facilities. The successful candidate will have a bachelor's degree in Chemical Engineering, an earned doctorate in Chemical Engineering or related field and be proficient with oral and written communication skills in English. Review of applications will begin October 1, 2007 and

will continue until the position is filled. **Must apply only on-line at <http://louisville.edu/jobs> (Reference Job ID 21957) and provide curriculum vitae, contact information for at least three references, and a brief statement of research and teaching interests.** For more information, please contact mahendra.sunkara@gmail.com or visit the department's web site at www.louisville.edu/speed/chemical or other related websites at www.louisville.edu/micronano and www.louisville.edu/iamre. Minority and female candidates are encouraged to apply. The University of Louisville is an equal opportunity, affirmative action employer.

UNIVERSITY OF VIRGINIA, SCHOOL OF ENGINEERING AND APPLIED SCIENCE, DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at the University of Virginia seeks outstanding candidates for the positions of Assistant, Associate or Full Professor with the rank being commensurate with experience level. Applicants will have a Ph.D. in Chemical Engineering or a related field, a record of excellence in research, and a commitment to teaching at the undergraduate and graduate levels. **Interested parties must submit a curriculum vitae, a statement of teaching and research goals, and the names of three references to Chair, Faculty Search Committee, Dept. of Chemical Engineering, University of Virginia, P.O. Box 400741, Charlottesville, VA 22904-4741 (Email: cheseach@virginia.edu).** The searches will remain open until the positions are filled. The University of Virginia is an Equal Opportunity/Affirmative Action employer. Women and minority applicants are encouraged to apply.

UNIVERSITY OF TULSA, TENURE-TRACK FACULTY POSITION

The Department of Chemical Engineering is seeking an Assistant Professor in Biochemical Engineering for Fall, 2008. Minimum qualifications include an earned doctorate or its equivalent in biochemical or chemical engineering or a closely related field, and the ability to conduct a high-quality, externally funded research program. **Applicants should forward a curriculum vitae, a one-page statement of teaching interests and qualifications, a one-page summary of projected research activities, and the names, addresses and phone numbers of three references to G. Price, Chair, Chemical Engineering, University of Tulsa, 600 S. College Ave., Tulsa, OK 74104-3189.** Screening of candidates will begin October 1, 2007. Further information and qualifications can be found at <http://www.che.utulsa.edu/2007SearchAdvertisement.pdf>. Under represented minorities and women are especially encouraged to apply. The University of Tulsa is an Equal Employment Opportunity/Affirmative Action employer.

VILLANOVA UNIVERSITY, CHEMICAL ENGINEERING

Villanova University invites applications for two tenure-track positions in the Department of Chemical Engineering to begin in August 2008. An earned doctorate in Chemical Engineering or a closely allied discipline is required. The applicant must be committed to excellence in engineering education, must be an excellent communicator and must be able to develop an active and funded research program that will lead to scholarly growth and development. One position is for candidates whose research interest is in biotechnology or molecular biology. The other position has a preference for a research area of biotechnology or nanoscale material science. Appointment at either a junior level or a senior level is possible, depending on the credentials and qualifications of the applicant. Villanova University is an Augustinian-related Roman Catholic University, which seeks a diverse faculty who understands and supports the values inherent in its Catholic character and Augustinian tradition. Its College of Engineering is fully accredited by ABET. The Chemical Engineering Department offers programs leading to the B.S. and M.S. degrees and participates in the interdisciplinary program offered by the College of Engineering leading to the Ph.D. degree. **Send a letter of application including research and teaching interests, curriculum vitae, and the names of at least three references by December 15, 2007 to Dr. William Kelly, Search Committee Chair, Department of Chemical Engineering, Villanova University, 800 Lancaster Avenue, Villanova PA 19085.** Review of applications will begin immediately and will continue until the position is filled. Villanova is an EEO-AA employer.