Director and Earnest W. Deavenport, Jr. Chair
Swalm School of Chemical Engineering
Mississippi State University

Applications and nominations are being sought for the Director of the Dave C. Swalm School of Chemical Engineering at Mississippi State University. The Director will also hold the Earnest W. Deavenport, Jr. Chair in Chemical Engineering. The Swalm School of Chemical Engineering is an ABET accredited program offering BS, MS, and PhD degrees with a record of scholarly achievement. The School generates research expenditures averaging over $4M annually from federal, state and private funding agencies. Areas of research expertise include Crystallization, Medical Micro-devices, Materials, and Energy Sources and collaborations extend into research centers within the Bagley College of Engineering (www.engr.msstate.edu).

The Swalm School of Chemical Engineering (www.che.msstate.edu) is comprised of 10 faculty members, 220 undergraduates, and 35 graduate students. The School is housed in a modern facility and features 18 research laboratories, 10 classrooms, and a multimedia auditorium. Endowments support the school in a number of key areas including chairs, a professorship, undergraduate scholarships, and other initiatives.

Qualified candidates must hold earned BS and PhD degrees in Chemical Engineering or closely related fields. They will be nationally recognized scholars with distinguished academic records commensurate with the rank of Professor and holder of an endowed chair. Relevant administrative experience is desirable. Screening of applications will begin October 1, 2009, and will continue until the position is filled. The anticipated starting date is January 1, 2010. Applications should include a letter outlining the candidate’s qualifications, professional interests, and leadership vision, current curriculum vitae, and contact information for at least three professional references. Electronic application submissions are required: www.jobs.msstate.edu. Inquiries and nominations should be directed to Dr. Dennis Truax, Search Committee Chair (truax@cee.msstate.edu, phone: 662-325-3050, fax: 662-325-7189). Mississippi State University is an AA/EOE.
NOTICE OF VACANCY #5136
Department of Pharmaceutical Sciences
Washington State University, Pullman, Washington

Position: Assistant/Associate Professor

Terms: Full-time, annual, tenure-track appointment available 1/1/10.

Salary: Negotiable and commensurate with experience.

Responsibilities: Establish an outstanding research program that will attract continued extramural funding; contribute effectively to the department’s graduate and professional teaching missions in one or more areas encompassing gene/drug delivery, biopharmaceutics, nanomedicine, or bioengineering and share in service to the department, college, and university.

Qualifications: Required: Doctorate in Pharmaceutical Sciences, Bioengineering, Biomolecular Engineering or a related discipline; two years postdoctoral training by the date of hire; and demonstrated or potential ability to teach pharmaceutics or pharmaceutical technology and obtain extramural funding.
Preferred: Research interests with respect to gene / drug / protein / virus delivery, biomaterials engineering, tissue engineering, biomolecular engineering and nanomedicine that complement existing department research strengths; excellent written and verbal communication skills, interpersonal skills, collegiality, and strong global perspective.

Department: The Department of Pharmaceutical Sciences (http://www.pharmacy.ewu.edu/PharmSci) has 14 full-time and 15 affiliated faculty. Courses in pharmacology, therapeutics, pharmaceutics, and toxicology are offered to professional and graduate students. Departmental research programs have successfully applied a combination of pharmacokinetic, drug delivery, behavioral, cellular, and molecular approaches to study the pharmacology, toxicology and treatment of cancer, as well as novel approaches to protein engineering, gene therapy, biomolecular engineering and nanoparticle delivery.

College: The College of Pharmacy has teaching and research programs on the main WSU campus in Pullman, as well as on the Riverpoint campus in Spokane. In addition to the professional doctorate (Doctor of Pharmacy) degree, the College also offers a Masters of Health Policy and Administration and the Masters and Ph.D. in Pharmacology/Toxicology as well as nutritional sciences. Interdisciplinary programs involve researchers from the Colleges of Pharmacy, Veterinary Medicine, Science, Liberal Arts, and Agricultural, Human, and Natural Resource Sciences on the Pullman and Spokane campuses, as well as from Battelle Pacific Northwest Laboratories and the Health Physics Program, located in Richland, WA in addition to members from the Spokane medical community.

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University: Washington State University is a land-grant, comprehensive research institution that affords exceptional opportunities for independent and collaborative research. Resources such as microscopy core facility (TEM, AFM, SEM, epifluorescent, confocal), molecular biology core facility, bioinformatic core facility, flow cytometry core facility, proteomics core facility, and laser microdissection core facility are available on campus. Enrollment is approximately 22,000. Urban campuses are located in Spokane, Tri-Cities, and Vancouver. The University offers more than 150 undergraduate majors, options, and degree programs, and more than 100 graduate degrees. The University of Idaho is another land grant research institution located in Moscow, 8 miles from the Pullman campus. These communities offer a friendly, small-town living environment with a rich assortment of cultural opportunities, recreational, and athletic attractions. Pullman (population 27,000) combines a mild dry climate, clean air, good schools, affordable homes, and a low crime rate. It is located about 75 miles south of Spokane, Washington, and lies close to recreational areas in Washington, Oregon, Idaho, Montana, British Columbia, and Alberta.

Application Review Date: Screening of applicants will begin 9/1/09.

Applications: The application must include a letter of interest; curriculum vitae; statements of teaching and research interests and goals; and the names, email addresses, and contact information for three references. Send application materials (by mail and/or PDF documents via email) to:

Ms. Paula Marley, Principal Assistant
Department of Pharmaceutical Sciences
Washington State University
Pullman, WA 99164-6534 e-mail: bbt@wsu.edu
Phone:(509) 335-5545, FAX:(509) 335-5902

WASHINGTON STATE UNIVERSITY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EDUCATOR AND EMPLOYER. Members of ethnic minorities, women, special disabled veterans, veterans of the Vietnam-era, recently separated veterans, and other protected veterans, persons of disability and/or persons age 40 and over are encouraged to apply.

WSU employs only U.S. citizens and lawfully authorized non-U.S. citizens. All new employees must show employment eligibility verification as required by the U.S. Citizenship and Immigration Services. All new employees must undergo a background check.

Washington State University is committed to providing access and reasonable accommodation in its services, programs, activities, education and employment for individuals with disabilities. To request disability accommodation in the application process, contact Human Resource Services: 509-335-4521(v); Washington State TDD Relay Service: Voice Callers: 1-800-833-6384; TDD Callers: 1-800-833-6388, 509-335-1259(f), or hrs@wsu.edu.
FACULTY POSITION IN CHEMICAL ENGINEERING

PRINCETON UNIVERSITY

Princeton University's Department of Chemical Engineering seeks outstanding applicants for a tenure-track position at the Assistant Professor level, effective as early as July 1, 2010. The search is open to candidates in any area of Chemical Engineering, especially those specializing in energy and sustainability, and in bioengineering. Successful candidates should have a Ph.D. in Chemical Engineering or related field, demonstrated excellence in academic research, and a strong commitment to teaching and advising undergraduate and graduate students. Candidates must complete a required online faculty application at https://jobs.princeton.edu; curriculum vitae, detailed descriptions of teaching and research interests, reprints of selected publications, and the names and addresses of at least three references may be attached as .pdf documents to the on-line application, or sent to Faculty Search Committee, Department of Chemical Engineering, Princeton University, Princeton, NJ 08544-5263. Applicants are encouraged to apply before November 15, 2009.

For additional information on applying for positions at Princeton University, please link to http://www.princeton.edu/dof/about_us/dof_job_openings/. Princeton University is an equal opportunity employer and complies with applicable EEO and affirmative action regulations. For general information about applying to Princeton and how to self-identify, please link to http://web.princeton.edu/sites/dof/ApplicantsInfo.htm.

Posted 8/19/09
FACULTY POSITION
DEPARTMENT OF CHEMICAL ENGINEERING, at Columbia University

The Department of Chemical Engineering of The Fu Foundation School of Engineering and Applied Science at Columbia University announces a faculty position to be filled at the rank of assistant or associate professor. The Department seeks outstanding individuals with the motivation to excel in research, teaching and service. Candidates at the associate level should have a record of continued strong leadership in research. A Doctorate in Chemical Engineering or a related field is required. Department research is in biological, soft materials, electrochemical or environmental engineering and candidates that complement current Departmental research will be given the highest priority. Columbia University offers an attractive, highly intellectual and collaborative environment. The Search will close no sooner than November 30, 2009 and will remain open until the position is filled.

Starting date is July 1, 2010.

Candidates should submit a brief research plan, statement of teaching objectives that demonstrates a commitment to chemical engineering education, the names and contact information of three references, a curriculum vitae and reprints of recent key research publications.

Do not mail applications. Please apply online to:
https://academicjobs.columbia.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1251394062157
<https://academicjobs.columbia.edu/applicants/jsp/shared/frameset/FrameSet.jsp?time=1251394062157>

Fredrik C. Palm, Ed.D.
Assistant Dean for Faculty Development and Diversity
Fu Foundation School of Engineering and Applied Science
Columbia University
500 West 120th Street
Mudd Building, Room 533
New York, NY 10027
Telephone: 212.854.8555
Fax: 212.864.0104
E-mail: Fred.palm@columbia.edu
http://www.seas.columbia.edu/faculty_development/
Re: Faculty Position in Process Systems Engineering

The Department of Chemical Engineering at McMaster University is seeking an outstanding individual for a tenure-track position at the Assistant or Associate Professor level in the area of process systems engineering. The position is available from July 1, 2010.

Applicants should have a Ph.D. in Chemical Engineering or closely related discipline and have research interests in areas related to process systems engineering. A broad range of interests within the general process systems area will be considered, including sustainable process engineering, multivariate statistical analysis and applications, multiscale modeling and control, supply chain optimization, systems biology, etc. The successful candidate will have the opportunity to participate in the McMaster Advanced Control Consortium with the existing faculty and several multinational 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 Professional Engineers of Ontario, will be considered an asset. Please send the application materials to the attention of

Dr. Shiping Zhu, Prof & Dept Chair,  
Department of Chemical Engineering,  
McMaster University, JHE 374  
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 January 31, 2010. For more information about the department, please consult [http://www.chemeng.mcmaster.ca](http://www.chemeng.mcmaster.ca).
September 15, 2009

Re: Engineering a Sustainable Society: Tenure-Track Positions

A new era in engineering is unfolding in the Faculty of Engineering at McMaster University, one designed to address the needs of the 21st century and beyond. Guided by a new five-year strategic plan, the Faculty is committed to promoting socially responsible engineering, advancing research for a sustainable society and developing the global engineer of the future.

To this end, the Faculty will fill at least eight tenure-track positions in areas related to engineering for a sustainable society at the assistant or associate professor level. In this context we define sustainability in the broadest context as addressing both environmental challenges and sustainability of the human condition through health and related technologies. Successful candidates will possess the passion, drive and dedication to help us achieve the goals and objectives outlined in the Faculty’s strategic plan (www.eng.mcmaster.ca/strategicplan). These positions will be filled over a two year period commencing January 1, 2010.

Successful candidates will be required to develop and teach courses at the undergraduate and graduate level, to develop an independent, externally funded research program and to actively participate in the life of the McMaster community.

Required qualifications include:
• Relevant Ph.D. degree in any branch of engineering or cognate discipline
• Evidence of independent scholarship and research
• Demonstrated ability and passion for teaching
• Registration, or willingness to acquire registration, as a Professional Engineer in Ontario
• Relevant industrial and/or academic experience will be an asset

The Faculty of Engineering at McMaster has distinguished itself internationally for innovative educational programming and research. McMaster is consistently ranked as one of the top-three doctoral research universities in Canada.

The Faculty recently achieved unprecedented success through five Canada Foundation for Innovation awards in a single competition. Along with other recent awards, these grants will fund almost $100 million in new research infrastructure related to sustainable engineering in areas such as nuclear and alternative energy systems, advanced photovoltaics, biomedical engineering, nanotechnology and new materials, environmental and water resources, communications and information technology, sustainable infrastructure, and manufacturing.
A new 125,000 square-foot, LEED-certified engineering building is scheduled to open in October of this year. New research facilities are also being established at the McMaster Innovation Park, partly connected with the relocation of the Federal government’s CANMET Materials Technology Laboratory to Hamilton.

McMaster Engineering is home to 14 Canada Research Chairs, 17 research centres, and five national research networks. The Faculty’s undergraduate engineering programs feature a unique set of first five-year programs combining Engineering with Management, with Society or with International Studies. At the graduate level, the School for Engineering Practice offers programs in entrepreneurship and innovation, public policy, design and manufacturing.

Letters of application, accompanied by the applicant’s curriculum vitae, are to be sent to:

Faculty Hiring Committee  
Faculty of Engineering  
John Hodgins Engineering Building, Room JHE-261  
1280 Main Street West, Hamilton, Ontario, L8S 4L7

or by email to: engpos@mcmaster.ca

Applications will be accepted until the positions are filled.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. McMaster University is strongly committed to employment equity within and to recruiting a diverse faculty and staff. Applications are encouraged from all qualified candidates, including women, members of visible minorities, aboriginal persons, members of sexual minorities and persons with disabilities.
September 8, 2009

Professor Norman Wagner
Chemical Engineering
University of Delaware
150 Academy Street
Newark, DE 19716

Dear Norm:

I am chairing a junior faculty search in the Department of Chemical Engineering at Stanford University that could yield a new Assistant Professor in any area of chemical engineering science. I am writing to ask for your help in identifying potential candidates.

We have made several new hires recently with Andy Spakowitz, Cliff Wang, Tom Jaramillo, and Alex Dunn, and we are looking forward to the winner of our current search fitting into our vibrant department. We have innovative research programs in a number of complementary areas including surface reactivity and catalysis, fuel cells, environmental or atmospheric studies, molecular transport processes and mechanics, soft materials physics and chemistry, computation and simulation, biochemical and biomolecular engineering, and nanomaterials processing.

A detailed description of our search profile is attached. The successful candidate will be expected to show promise of excellence in teaching and research. They must establish effective, forefront research programs in the chemical engineering sciences and be able to relate cutting edge research to the classroom.

If you know of a great young scientist or engineer who would be a strong candidate for this position, I would appreciate it if you would contact me by email at ggf@stanford.edu. Strong candidates are urged to submit their applications early such that we could make arrangements to meet at the AIChE National Meeting this Fall.

Stanford University is an equal opportunity employer and welcomes nominations of women and minority group members and applications from them.

Sincerely,

Gerald G. Fuller
Professor of Chemical Engineering

Enclosure: Job Description
Please Post:

FACULTY POSITION AVAILABLE AT USC

The Mork Family Department of Chemical Engineering and Materials Science at the USC Viterbi School of Engineering is interested in recruiting faculty at all levels. Candidates with expertise and research and teaching interests in the area of materials for alternative energy applications, such as batteries, fuel cells, solar and wind energy are particularly encouraged to apply. Preference will also be given to candidates who will help advance the university and school initiatives, including the initiatives on energy and biomedical nanosciences. Qualified applicants should contact Professor Theodore Tsotsis by phone at 213 740 2227 or by e-mail at tsotsis@usc.edu. USC is an Affirmative Action/Equal Opportunity Employer and strongly encourages applications from women and members of underrepresented groups.

Our Department recently received a generous naming gift from energy entrepreneur John Mork and his family, and is undergoing a period of rapid growth. The faculty research interests are diverse, and range from the study of advanced semiconductor materials and nanostructures, advanced ceramics and metal composites, biotechnology, advanced computation, membrane separations, reactor design, and oil and gas exploration. This wide variety of interests has grown through the addition, since the Department’s formation in 2005, of four junior and three senior new faculty, and is likely to grow even further with the additional recruitment in the near future of new tenure track faculty.

Within the Department we have extensive core facilities for materials characterization and imaging, biotechnology research, and for advanced computation, including the Nanostructure Materials and Devices Laboratory, the Center for Photonic Technology, the Center for Electron Microscopy and Microanalysis, and the Center for Composites Research, among others.

The Department offers a BS program in Chemical Engineering with five different emphases: Biochemical Engineering, Environmental Engineering, Materials Science/Polymers, Nanotechnology, and Petroleum Engineering, in addition to MS and PhD programs in Chemical Engineering, Materials Science, and Petroleum Engineering. Our small-size undergraduate classes are taught by easily accessible, full-time faculty. These elements create the personalized educational opportunities of a small private school amid the extensive resources and facilities of a large research university. In addition, the Department offers its MS degrees through USC’s Distance Education Program.

Posted 10/5/09
Dear Department Chair

The University of Utah is building a research cluster in the area of alternative energy, and invites applicants for several senior and junior tenured/tenure-track appointments that are available this year. Senior candidates should have successful, funded scholarly research programs as well as an interest in team building and technology commercialization, and a commitment to excellent teaching. Junior candidates will be evaluated on their potential to develop along these lines.

The positions may be filled by individual hires, but a team hire is also possible. Research areas of interest relate to production, conversion, storage, and use of alternative energy, including topics such as catalysis for energy, photovoltaic’s, batteries, and fuel cells.

These positions are part of the Utah Science, Technology and Research Initiative (USTAR). The University of Utah has substantial DOE, NSF, DOD, and industry-funded energy research; therefore there are many opportunities for collaborations with existing faculty.

I would appreciate your help in identifying outstanding candidates, and I have attached a copy of the advertisement that explains the goals and resources for this research cluster. If you could please forward the attached advertisement to potential candidates, I would be most grateful.

Sincerely yours,

Dr. JoAnn S. Lighty
Professor and Chair

Posted 10/7/09
The University of Pennsylvania seeks outstanding individuals for tenure-track or tenured faculty positions in the Department of Chemical and Biomolecular Engineering. The University seeks individuals with exceptional promise for, or proven record of, research achievement who will excel in teaching undergraduate and graduate courses. Key growth areas include multiscale simulation, protein engineering, and polymeric materials with a focus on membranes for separations and alternative energy. Applicants must have a Ph.D. in Engineering or equivalent. Interested persons should send a curriculum vitae, detailed research and teaching plan, and the names of at least three references to: Prof. Kathleen J. Stebe, Department of Chemical and Biomolecular Engineering, 220 S. 33rd St., University of Pennsylvania, Philadelphia, PA 19104-6393 or by email to cbeseach@seas.upenn.edu. The University of Pennsylvania is an “EOE”. Minorities/Females/Individuals with Disabilities/Veterans encouraged to apply.
THE OHIO STATE UNIVERSITY, William G. Lowrie DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING invites applications for tenure-track faculty positions created through the University’s academic enrichment and Targeted Investment in Excellence programs. 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 commitment to teaching excellence. All research areas will be considered, although special consideration will be given to applicants with interdisciplinary research experience in Reaction Engineering with energy-related research interests in high-performance computing focused on reactive systems, fuel cells, catalysis, process control and design, particle technology, and/or coal science and engineering. Collaborative research opportunities exist in the new Center for Energy, Sustainability and the Environment at OSU and the Ohio Supercomputing Center.

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: Kirsten Marinko, Communications Coordinator, William G. Lowrie Department of Chemical & Biomolecular Engineering, The Ohio State University, 140 W. 19th Avenue, OH 43210-1180. Email: marinko@chbmeng.ohio-state.edu, Phone: 614-292-7907, Fax: 614-292-3769. 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.

Posted 10/19/09
The Department of Chemical Engineering at Columbia University announces two faculty positions to be filled at the rank of assistant or associate professor (tenure track). The Department seeks outstanding individuals with the motivation to excel in research, teaching and service. Candidates at the assistant professor level should have a great potential to develop a cutting edge independent research program; while those at the associate professor level should have a record of continued strong leadership in research. A Doctorate in Chemical Engineering or a related field is required. Department research is in biological, soft materials, electrochemical and environmental engineering. Candidates that complement current Departmental research will be given the highest priority. Columbia University offers an attractive, highly intellectual and collaborative environment. Assistance with faculty housing is available. The Search will close no sooner than November 30, 2009 and will remain open until the position is filled. Starting date is July 1, 2010.

Candidates should submit a brief research plan (3-5 page), statement of teaching objectives that demonstrates a commitment to chemical engineering education, the names and contact information of three references, a curriculum vitae and 3 reprints of recent key research publications.

Do not mail applications. Please apply online to: 
https://academicjobs.columbia.edu/applicants/jsp/shared/frameset/Frame.jsp?time=1251394062157

Posted 10/19/09
CLEMSON UNIVERSITY – CHEMICAL AND BIOMOLECULAR ENGINEERING

Faculty position: The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for an opening 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. All research areas will be considered. Candidates must have earned a Ph.D. in Chemical Engineering or a closely related field. Applicants should send a single pdf file containing a cover letter, resume, research plan, statement of teaching interests/philosophy, and names and addresses of three references to ChBESearch@ces.clemson.edu. Review of applications will begin on November 1, 2009. Applications received by January 15, 2009, will receive full consideration, with the review process continuing until the position is filled.

Clemson University, the land-grant university of South Carolina, is located on the shores of Lake Hartwell in the foothills of the Blue Ridge Mountains. Information about the department is available at www.ces.clemson.edu/chemeng/.

Clemson University is an Affirmative Action/Equal Employment Opportunity Employer and does not discriminate against any individual on the basis of age, color, disability, gender, national origin, religion, sexual orientation, or veteran status.
FACULTY RECRUITING IN CHEMICAL ENGINEERING—THE UNIVERSITY OF TEXAS AT AUSTIN. The Department of Chemical Engineering seeks outstanding applicants for a tenure track faculty position at the Assistant Professor level. A Ph.D. is required and applicants must have an outstanding record of research accomplishments and a strong interest in undergraduate and graduate teaching. The Department is especially interested in applicants with research and teaching interests in the areas of energy sciences, but exceptional candidates in any area of chemical engineering are also encouraged to apply. Applications from women and minorities are strongly encouraged. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a research program, collaborate with other faculty, and be involved in service to the university and the profession. Interested persons should submit in electronic form a detailed curriculum vitae including academic and professional experience, statements regarding their teaching philosophy and research plans, a list of peer reviewed publications and other technical papers, and the names, address and telephone numbers of three or more references to: Chair, Department of Chemical Engineering, The University of Texas at Austin, Austin, TX 78712-0231 (chefaculty-search@che.utexas.edu). Scheduling for interviews will begin in late November 2009. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.