

# CLASSIFIED LISTINGS

## POSITIONS AVAILABLE

### **BIOPRODUCTS INCORPORATED, PROCESS DEVELOPMENT ENGINEER**

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Bioproducts Incorporated, a world leader in the production and distribution of animal nutrition products and petfood flavors, and a four-time winner of the North Coast '99 "Best Companies to Work for" award, is seeking a Process Development Engineer, who will be located at our R&D headquarters in Naperville, IL. This engineer will support our industry leading Petfood Flavors business, with responsibility for providing new product process development from bench scale-up to commercialization, while ensuring that state-of-the art technology is judiciously applied to maintain Bioproducts' world class manufacturing processing capabilities.

To be considered for this exciting opportunity, qualified candidates will possess a minimum of a Bachelor's Degree in Food or Chemical Engineering, or related, plus a minimum of 8 years applicable experience. Bioproducts Incorporated provides a competitive salary, Fortune 500 level benefits, a 401-K Plan and an Annual Incentive Plan. If you are interested in joining our growing, team-oriented company, please visit our website [www.bioproductsinc.com](http://www.bioproductsinc.com) to submit your resume.

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### **NAVAL SURFACE WARFARE CENTER (NSWC), SUPERVISORY ENGINEER**

The Naval Surface Warfare Center (NSWC), Indian Head Division is recruiting for a Supervisory Engineer (Branch Manager), salary \$55,694 to \$86,095 per annum. This position is in the Cartridge Actuated Device (CAD) Test Branch. CADs are explosive components used in a wide variety of DOD applications such as aircrew escape systems, bomb release mechanisms, and fire suppression systems. Management of approximately 15 engineers and technicians, oversight of test equipment and facilities, management of a multitude of CAD Test programs ranging. Previous supervisory experience is highly desirable. This closes on 2/14/03. To apply go to a [www.ih.navy.mil](http://www.ih.navy.mil) and click on vacancies, Announcement # CAPNWD02-08XX-772

## ACADEMIC OPENINGS

### **UNIVERSITY OF MINNESOTA-DULUTH, THE DEPARTMENT OF CHEMICAL ENGINEERING, TENURE-TRACK FACULTY POSITION**

The University of Minnesota-Duluth is seeking a full-time (nine-month) tenure-track faculty member at the assistant professor level, although exceptional candidates with a decade or more of industrial and/or academic experience will be considered for the associate rank. The position has an affiliate appointment in the College of Pharmacy at the Twin Cities Campus. The successful candidate must have a BS in Chemical Engineering, an earned doctorate in Chemical Engineering or closely related field, and be able to teach core undergraduate chemical engineering courses and laboratories and drug delivery in the

Pharmaceutics curriculum. The primary mission of the department being quality undergraduate education, excellent communication skills in a candidate is a must.

Scholarly activity is highly valued and is required by our campus and departmental missions. The research area is open. Further information about the position and the department/university is available at our web site, [www.d.umn.edu/che](http://www.d.umn.edu/che).

Completed applications must include a letter of application, a curriculum vita, a statement of teaching interests and research plan, and contact information for three professional references. Send completed applications to: Chemical Engineering Search Committee, Department of Chemical Engineering, University of Minnesota Duluth, 1303 Ordean Court, Duluth, MN 55812. Review of complete applications will begin February 21, 2003, and will continue until the position is filled. The University of Minnesota is an equal opportunity educator and employer.

### **UNIVERSITY OF CONNECTICUT, DEPARTMENT OF CHEMICAL ENGINEERING. CONNECTICUT GLOBAL FUEL CELL CENTER ENDOWED CHAIR IN PEM FUEL CELL TECHNOLOGY**

The Connecticut Global Fuel Cell Center at the School of Engineering, University of Connecticut invites applications and nominations for an Endowed Chair Professor position. The faculty member will conduct visionary research in the general area of Proton Exchange Membrane fuel cell technology.

The Center ([www.ctfuelcell.uconn.edu](http://www.ctfuelcell.uconn.edu)) was recently established and is housed in a new, 16,000 sq. ft. facility located at the Storrs campus. The mission of the Center is to become the world's premier academic resource for research and development in fuel cell technologies. Applicants must have a Ph.D., as well as a distinguished record of research relevant to PEM fuel cell technology. Academic appointment will be at the rank of full professor in the Department of Chemical Engineering ([www.engr.uconn.edu/cheg/](http://www.engr.uconn.edu/cheg/)).

A primary component of the Center's structure is the establishment of 6 endowed chair positions; each affiliated with a \$1 million endowment (\$6 million total). The Chaired Professors will have discretionary authority to expend the proceeds of the endowment to advance the research, educational, and outreach activities in the field. The first two Chair Professor positions have been filled by individuals recently recruited to Connecticut.

The School of Engineering includes 110 faculty members, 1,300 undergraduate and 400 graduate students. Since 1999, 17 new endowed faculty positions have been established within the School. For more information, please visit [www.engr.uconn.edu](http://www.engr.uconn.edu). The University is located in scenic Northeast Connecticut, an area that is rich with private sector fuel cell related research and development activity. The University is consistently ranked as the top public university in New England, is one of the former Research I universities, and is in the midst of a multi-year, state-funded \$2.3 billion initiative to expand the research and teaching infrastructure.

Applications, including a curriculum vitae along with the contact information of at least five references should be sent to: Prof. Theodore Bergman, Department of Mechanical Engineering, 191 Auditorium Road, Unit 3139, University of Connecticut, Storrs, CT 06269-3139. Review of applications will begin immediately, and will continue until the position is filled. Direct inquiries to: [tberg@engr.uconn.edu](mailto:tberg@engr.uconn.edu). The University of Connecticut encourages under-represented groups to apply for this position.

SEE MORE JOB LISTINGS ONLINE!

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



**NEW JERSEY INSTITUTE OF TECHNOLOGY ASSISTANT/ASSOCIATE PROFESSOR – CHEMICAL ENGINEERING**

The Otto H. York Department of Chemical Engineering at New Jersey Institute of Technology (NJIT) invites applications and/or nominations for a tenure-track faculty position at open rank. A doctorate in chemical engineering or closely related field required. The ideal candidate will have research interests & expertise in areas related to pharmaceutical engineering applications (e.g., crystallization, separations, nanotechnology, powder processing, drug delivery systems, formulation, novel catalysis & microreactors). The successful candidate is expected to develop a vigorous & externally funded research program & teach chemical & pharmaceutical engineering courses at both undergraduate & graduate levels. Rank will be commensurate with experience & prior track record. The university reserves the right to substitute equivalent education and/or experience at its discretion. Applicants should submit a copy of their curriculum vitae, a statement of research plans & teaching philosophy & names of 4 references to: New Jersey Institute of Technology, attn: Personnel Box AAP-CE, University Heights, Newark, NJ 07102-1982. Applications will be accepted until a suitable candidate is found. Women & minority candidates are encouraged to apply. NJIT is an equal opportunity/affirmative action employer.

**UNIVERSITY OF NOTRE DAME  
CHEMICAL ENGINEERING FACULTY OPENINGS**

The Department of Chemical Engineering at the University of Notre Dame is pleased to announce openings for tenured or tenure track faculty at any rank.

A Ph.D. or equivalent degree is required. Applicants should show potential for development of an outstanding research program and possess a strong commitment to graduate and undergraduate education.

The chemical engineering faculty at Notre Dame collaborates extensively both inside and outside the department and thus applicants should expect to benefit from and contribute to these activities that include the Center for Molecularly Engineered

Materials, Center for Environmental Science and Technology and the Center for Transgene Research. Bioengineering or advanced materials are fields of particular interest, but outstanding candidates in other areas will be given full consideration.

Applicants should send their curriculum vitae, statement of teaching and research interests and the names and complete addresses of at least four references to: Professor Mark J. McCready, Department of Chemical Engineering, 182 Fitzpatrick Hall, University of Notre Dame, Notre Dame, Indiana 46556-5637.

Notre Dame is an equal opportunity/affirmative action employer.

**BROWN UNIVERSITY, PROVIDENCE, RHODE ISLAND  
DIVISION OF ENGINEERING FLUID MECHANICS, THERMAL AND CHEMICAL PROCESSES**

The Division of Engineering at Brown University is opening a tenure-track faculty position in the Fluids, Thermal and Chemical Processes (FTCP) group. Candidates with expertise in all areas of Fluid Dynamics, Thermal Sciences and Chemical Processes will be considered, with emphasis on those with interests in: (i) micro- and nano-scale mechanics and processes (ii) biological fluid mechanics

and biotechnology; (iii) polymers, soft matter and complex fluids; (iv) interfacial and multiphase processes and (v) flow control. Participation in the Chemical Engineering and/or the Mechanical Engineering undergraduate program is essential, although the Division of Engineering is a highly integrated multidisciplinary faculty and interactions that span traditional engineering and science boundaries are common. Faculty at Brown are expected to conduct fundamental research in their field of expertise, teach undergraduate and graduate courses, and serve as mentors and advisors to both graduate and undergraduate students and student projects.

Candidates should send a paper copy of their complete CV and a list of between three and five references (including telephone and email information where possible) to:

Chair, FTCP Search Committee  
Brown University  
Division of Engineering, Box D  
182 Hope Street  
Providence, RI 02912

Review of applications will begin immediately, and will continue until the position is filled or closed.

Brown University is an equal opportunity/affirmative action employer. Minorities and women are encouraged to apply.

**THE DEPARTMENT OF CHEMICAL ENGINEERING AT VANDERBILT UNIVERSITY**

invites applications for a tenure-track faculty position at the Assistant Professor level for Fall 2003. A Ph.D. with a distinguished academic record is required. Responsibilities include teaching undergraduate and graduate courses and establishing an externally funded, scholarly research program. Outstanding candidates for higher ranks can be considered.

The Department has three research focus areas: bioengineering, materials, and environmental engineering. We seek candidates who can contribute fundamentally and broadly, through experiments and/or computations, to one or more of these focus areas. Interdisciplinary research opportunities exist with researchers in other departments in the School of Engineering, the natural sciences, and medicine. Department faculty participate in University-supported interdisciplinary research initiatives such as the Vanderbilt Institute for Integrative Bioengineering Research and Education (VIIBRE) and the Vanderbilt Institute for Nanoscale Science and Engineering (VINSE).

Vanderbilt University, a national arboretum, is located on 330 park-like acres one and one-half miles from downtown Nashville. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Faculty share a commitment to excellence in teaching at all levels.

Interested persons should send their curriculum vitae, a statement of research and teaching interests, and names and addresses of three or more references to Prof. M. Douglas LeVan, Chair, Department of Chemical Engineering, Vanderbilt University, VU Station B 351604, Nashville, TN 37235. Women and minorities are strongly encouraged to apply.

Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

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**FACULTY POSITION, UNIVERSITY OF CALIFORNIA, DAVIS**

The Department of Chemical Engineering and Materials Science seeks outstanding applicants for a junior level tenure-track faculty position starting fall 2003. The specific area for this position is flexible, but candidates must develop a fundamental research program that can address major scientific and engineering issues relevant to fuel cells. Research interests in the Department that relate to fuel cells include catalysis, thermodynamic structure and properties of oxides, nanomaterials, control systems, and polymeric thin films. The successful candidate will complement these existing strengths and develop new areas of excellence for the Department while at the same time collaborating with a broad campus effort in fuel cells that includes researchers from Mechanical and Aeronautical Engineering, Civil and Environmental Engineering, Environmental Science and Policy, and the Institute for Transportation Studies. There are possibilities for research collaborations with various state agencies and the California Fuel Cell Partnership, which is a consortium of major automotive and fuel companies and government bodies. Applicants with a PhD in Chemical Engineering, Materials Science, or related disciplines should submit a resume, names of three references, and a statement of research and teaching interests to:

Professor Robert L. Powell,  
Chair, Department of Chemical Engineering and Materials Science,  
University of California,  
One Shields Avenue, Davis, CA 95616-5294.  
<http://www.chms.ucdavis.edu/>

All applications received by February 28, 2003, will be fully considered. Subsequent applications of an exceptional nature will be accepted until the position is filled. The University of California is an affirmative action/equal opportunity employer.

**CASE WESTERN RESERVE UNIVERSITY, ENDOWED CHAIR - CHEMICAL ENGINEERING**

The Department of Chemical Engineering of Case Western Reserve University is pleased to announce the establishment of the C. Benson Branch Professorship in Chemical Engineering. This endowed professorship, made possible through the support of the Gerstaker and the Towsley Foundations, is open to individuals who have an established research record in the area of molecular-level modeling with applications to mixing, mass and energy transfer, or reaction kinetics. An emphasis on polymer structures and materials is preferred.

Interested candidates should send application materials (curriculum vitae, descriptions of research and teaching interests, and a list of references) to: Branch Professorship Search Committee, Department of Chemical Engineering, Case Western Reserve University, Cleveland OH 44106-7217. Inquiries for further information should be directed to Prof. Donald L. Feke ([dlf4@po.cwru.edu](mailto:dlf4@po.cwru.edu)). Case Western Reserve University is an Affirmative Action/ Equal Opportunity employer. Applications from women and under-represented minorities are encouraged.

**UNIVERSITY OF NEBRASKA-LINCOLN, CHEMICAL ENGINEERING DEPARTMENT, DEPARTMENT CHAIR**

The University of Nebraska-Lincoln seeks nominations for and applications from innovative and dynamic individuals for the position of the Department Chair of Chemical Engineering. The successful candidate will be expected to lead the department to national and international prominence in chemical engineering education and research. Applicants must possess demonstrated ability for academic administration, leadership, and team building. Applicants must possess a strong record of professional activities, commitment to

undergraduate education, and academic scholarship. Applicants must have strong interpersonal skills and effective communication skills.

The department offers B.S., M.S. and Ph.D. degrees in chemical engineering with approximately 150 undergraduate and graduate students in a recently constructed state-of-the-art research Donald F. Othmer building of chemical engineering and instructional facility.

The successful candidate must have an earned Ph.D. in chemical engineering or allied field. It is preferred that applicants be eligible for the rank of Professor of Chemical Engineering with tenure. Some industrial experience and eligible for or registered as a professional engineer are desirable. It is anticipated that successful candidate will start July 1, 2003.

Applications must include current curriculum vitae, statement of interest and vision, evidence of academic, administrative and leadership experience, and contact information for five references. Screening of applicants will begin March 3, 2003 and applications will be accepted until the position is filled.

Application and nominations should be sent to: Dr. Michael W. Riley, Search Committee Chair, 175 Nebraska Hall, University of Nebraska-Lincoln, Lincoln, Nebraska 68588-0518. The University of Nebraska is committed to a pluralistic campus community through affirmative action and equal opportunity and is responsive to the need of dual career couples. We assure reasonable accommodation under the Americans with Disabilities Act; contact Michael W. Riley at (402) 472-3495 for assistance.



*Why not Change the World?*

**CHAIR**  
Department of Chemical Engineering

The Howard P. Isemanus Department of Chemical Engineering at Rensselaer Polytechnic Institute seeks a new Chairperson, dedicated to continuing a tradition of departmental excellence in both teaching and research. An endowed department, it has dynamic research programs in the areas of molecular processes, biochemical engineering, bioseparations, materials processing, interfacial phenomena, nanotechnology, polymers, combustion, heat transfer, microelectronics processing and process control. The research program of the department is in rapid growth and seeks a fast rate individual to lead us at this exciting time. Candidates must be eligible for a tenured, full-professor appointment, based on a record of research, scholarly achievement, and academic leadership. The candidate's area of expertise is open.

Rensselaer is undergoing unprecedented growth in the areas of biotechnology, information technology, nanotechnology and enabling fields supported by an anonymous \$360 million gift in addition to the proceeds of a large capital campaign. A new building for state-of-the-art biotechnology research is in construction. Chemical engineering will be one of the major beneficiaries of this campaign. In this climate of change and rapid progress, the new Chairperson will be expected to lead departmental growth with new faculty slots and strategies for the expansion of the graduate and undergraduate programs.

Qualified individuals should send a copy of their curriculum vitae and a list of six suitable references to:

**Steve M. Cramer, Chair-Faculty Search Committee, Isermann Department of Chemical Engineering, Rensselaer Polytechnic Institute, 110, 8th St., Troy, NY 12180-3590. E-mail: [crames@rpi.edu](mailto:crames@rpi.edu)**

Rensselaer is an Affirmative Action/Equal Opportunity Employer.  
Women and minorities are strongly encouraged to apply.

**CORNELL UNIVERSITY, METABOLIC ENGINEER**

Cornell University invites applications for a tenure-track assistant professor position in metabolic engineering. This position is a balanced effort between research (50%) and teaching (50%). Applications are invited from candidates interested in analysis of integrated metabolic networks and their directed improvement especially through use of molecular/genomic technology. Topics may include the use of genomics and proteomics to understand the regulation of metabolic pathways, quantitative analysis of metabolic fluxes and the regulatory systems controlling them (metabolic flux analysis and control analysis), advanced methodology for measurement of metabolic fluxes, or techniques for optimizing flux distribution in a metabolic network. Of particular interest are emerging areas such as integration of designed biocatalysts with novel chemical functionality into overall cellular metabolism, or applications of metabolic engineering to processes in multicellular organisms. In keeping with BEE faculty traditions of integrating biological and engineering approaches to problem solving, and of university-wide collegial interaction, the candidate is expected to pursue a quantitative, multidisciplinary approach in his or her research, and to interact with one or more of the specialized research centers and initiatives on campus. The search is coordinated together with the Cornell University \$500 million New Life Sciences Initiative (<http://www.lifesciences.cornell.edu>). A Ph.D. or equivalent degree in an appropriate discipline with a solid foundation in both engineering and biological sciences and a track record of integrating these two disciplines in research, design, and/or teaching is required.

**UNIVERSITY OF KANSAS SCHOOL OF ENGINEERING**

The School of Engineering at the University of Kansas invites applications for two faculty positions (rank open) in the Bioengineering area. The home department will be either Mechanical Engineering (ME) or Chemical and Petroleum Engineering (CPE) depending upon qualifications. Applicants should have demonstrated strong research interests and experience in either (a) biomechanics, or (b) chemical engineering related to biomedical applications. Assistant Professor applicants should have demonstrated high potential for success in engineering education, research, and professional service. Associate and Full Professor applicants should have outstanding records in these areas and be able to spearhead the development of strong bio-related research and educational ties between engineering and the life science disciplines. A detailed position description and application procedures can be found at the ME ([www.engr.ku.edu/me](http://www.engr.ku.edu/me)) and CPE ([www.cpe.engr.ku.edu](http://www.cpe.engr.ku.edu)) websites. Review of applications begins March 15, 2003. **The University of Kansas is an Equal Opportunity/Affirmative Action Employer.**

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