CLASSIFIED LISTINGS

POSITIONS AVAILABLE

BIOPRODUCTS INCORPORATED, PROCESS DEVELOPMENT ENGINEER
Bioproducts "Walks the Talk with Its Employees"
• Our company offers an enjoyable, exciting, and rewarding work environment and strives to achieve a balance between work and personal life.
• 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 to submit your resume.
An Equal Opportunity Employer M/F/D/V

VIACELL, RESEARCH ASSOCIATE, BIOPROCESSES ENGINEERING
VIACELL is a cellular medicine company committed to developing the highest quality cellular medicines for the effective treatment of cancer, genetic diseases, neurological diseases and immune deficiencies. ViaCell's goal is to provide pharmaceutical grade stem cells in sufficient quantities to enable widespread use of cells as therapy. ViaCell is achieving this goal through the application of its proprietary cell expansion technology, known as Selective Amplification. ViaCell also owns and operates Viacord, a leading umbilical cord blood stem cell storage company that provides both financial resources and access to cord blood stem cells, a key source material for the therapeutics business.
With facilities in Boston, Worcester and Cambridge, Massachusetts, ViaCell is aggressively expanding its cord blood banking service, developing new cellular medicines, and initiating the first clinical trial using its patented technology for the expansion of stem cells. We seek imaginative thinkers who are ready for an exciting, entrepreneurial environment, who thrive in a fast-paced workplace, and who want to contribute to a highly motivated, success-driven team.
Responsibilities:
• Optimization of selective amplification technology including:
• Seed populations and cell types
• Media composition
• Selection strategy and components
• Culture conditions
• Production format
Requirements:
• B.S. degree with 4-6 years experience in cell culture
• Competency in designing and implementing research experiments
• Experience with tissue culture and aseptic technique
If interested, please respond to: Jim Iannoni 1 Innovation Drive Worcester, MA 01605 jiannoni@viacellinc.com www.viacellinc.apply2jobs.com

DIRECTOR, GLOBAL ENGINEERING DESIGN & CONSTRUCTION
Global $5 billion publicly traded industrial gas producer/distributor seeks individual to lead multi-discipline team for facilities/process design and construction. 15+ years experience required. International and chemical/process experience desired. Contact: Debi Verrill Ovca Associates 207-673-3371 thesearch@hotmail.com

KOSA, QUALITY ASSURANCE ENGINEER
KoSa's Spartanburg facility announces opening for a Quality Assurance Engineer for Decoupled Polymers/Resins.
Duties:
• Ensure suitable quality systems are in place and functioning to provide products that meet or exceed customer requirements.
• Supervise two salaried personnel to ensure daily product inspections, dispositioning and documentation are being met.
• Maintain ISO 9002 quality system.
• Provide continual improvement to process and product sampling and control techniques.
• Use appropriate statistical methods in troubleshooting/ analyzing product data and to document findings/recommendations.
• Work with business contacts to proactively address customer issues.
• Qualify new raw materials by designed experiments and data analysis.
Must have excellent communication and organizational skills. Lead and coordinate internal and customer trials as well as sell ideas/conclusions to customers, area staff, and business contacts.
Requirements:
• BS or higher engineering or technical degree. Familiarity with chemistry/polymer chemistry a plus.
• At least 3 years work experience in a QA/QC role in industrial setting. Knowledge of 6-sigma, TQM and/or Kaizen.
• Proficient in statistical methods and analytical tools.
• Proficient in Microsoft office software. Experience in "minitab" a plus.
• Working knowledge of ISO 9002, 2000 standard.
Competitive salary and a complete benefits package, including 401(k). Forward your resume electronically as a MS Word document to: william.monroe@kosa.com Visit our website at www.kosa.com. EOE M/F/V/D.

AUGUST MACK ENVIRONMENTAL, STAFF ENGINEER
August Mack Environmental, Inc. is seeking a full-time qualified candidate to manage and supervise site investigations, air quality and remedial action projects and conduct of hazardous air pollutant inventories, coordinate air and wastewater permitting, participate as a team leader to investigate, design, install, operate and maintain wastewater treatment systems as well as air pollution control and abatement systems and equipment and air monitoring at industrial sites; perform project management functions on small projects; write reports for management review. Candidates are expected to have certifications in hazardous waste operations and emergency response (eg. IIAZWOPER) and in visible emissions evaluation. Since the work is in Indiana, candidates should be familiar with Indiana environmental permitting. Candidates should possess a minimum of a BS in Chemical Engineering and one year experience. Salary and benefits competitive. Please forward resume to:
August Mack Environmental, Inc. Human Resources 8007 Castleton Road Indianapolis, IN 46250 Fax: 317.579.7410 Email: sdoty@augustmack.com

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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.

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) 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/).

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. 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. The University of Connecticut encourages under-represented groups to apply for this position.

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.

UNIVERSITY OF CALIFORNIA, DAVIS FACULTY POSITION

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.*

STANFORD UNIVERSITY, DEPARTMENT OF MECHANICAL ENGINEERING, MECHANICAL ENGINEERING (BROAD SEARCH)

The Department of Mechanical Engineering at Stanford University invites applicants for a tenure-track faculty position at the junior level (Assistant or untenured Associate Professor). We are searching for a strong, energetic and visionary individual in any area of mechanical engineering, broadly interpreted and including interdisciplinary fields. The ideal candidate will have strong leadership skills and high potential to develop new research domains that complement our current strengths and serve to expand the boundaries of mechanical engineering.

Applicants must hold a doctorate in an appropriate field and must have strong interest in both teaching and research. The successful candidate will be expected to teach courses at both the undergraduate and graduate levels, as well as to build and lead a team of graduate students in Ph.D. research.

Applicants should send a curriculum vita, a brief statement of research and teaching interests and vision, copies of one or two representative publications, and complete contact information for at least five references, to the following address:

Professor F. B. Prinz, Chair, Mechanical Engineering Broad Area Search Department of Mechanical Engineering, Stanford University, Stanford, CA 94305-3030

Applications will be accepted until the position is filled. *Stanford University is an equal opportunity employer and welcomes nominations of women and minority group members and applications from them*

WASHINGTON UNIVERSITY IN ST. LOUIS, DEPARTMENT OF CHEMICAL ENGINEERING

at invites applications and nominations for a tenure track position starting Fall 2003. The rank is open but preference will be given to entry-level positions. The department seeks individuals with outstanding academic record, who are dedicated to excellence in education and research. Although candidates with research interest in all related areas to chemical engineering will be considered, preference will be given to individuals with a strong background in the areas of bioengineering (biomedical and biochemical) and nanotechnology. Successful candidates are expected to develop a recognized program of externally funded research and demonstrate a strong commitment to undergraduate and graduate

The Max Planck Institute for Polymer Research (MPI-P), Mainz,
the German Institute for Polymers (DKI), Darmstadt,
and the Technical University Darmstadt (TUD)
intend to establish a
Max Planck Research Group "Polymer Mechanics"
in the TUD's Department 6 – Mechanics.
In this department, the position of a

Professor (C3) of Polymer Mechanics

(position number 365)

is to be occupied at the earliest possibility.

The position is temporary for a 5 year period with possible extension to full tenure.

A person capable of bringing together fundamentals and application in the polymer engineering field is sought. The successful candidate will be required to give courses in her/his area of specialization for graduate level students.

Her/His research focus should be in a field of polymer engineering of relevance to the frontiers of technology (i.e. miniaturization; mechanical, thermal and chemical processing; micromechanics of polymers; simulation techniques of technological processes; relations between polymer constitution, process design and product properties). Applicants having industrial experience and expertise in applications are welcome. Orientation towards co-operation with other fields of science and engineering is a prerequisite.

Particular emphasis is placed upon close cooperation between the TUD, the MPI-P and the DKI. Access to the pertinent facilities and resources of all participating institutions will be granted. The successful applicant will also lead have a research group at the MPI-P at Mainz.

Legal regulations apply according to §71 HHG.

The TU Darmstadt encourages applications from female applicants to increase the proportion of female personnel. Handicapped applicants will be preferred in the case of equal qualification.

Applications **(deadline January 15, 2003)** should be addressed under box number 365 to:

Dekan des Fachbereichs Mechanik, Technische Universität Darmstadt,
Hochschulstr. 1, D-64289 Darmstadt, Germany.

Professorship in Nuclear Production of Hydrogen and Hydrogen Storage and Infrastructure Development

Departments of Mechanical Engineering and Chemical Engineering
College of Engineering and Information Technology
University of South Carolina

The University of South Carolina (USC), College of Engineering and Information Technology has developed a Master's and a Doctoral program in Nuclear Engineering as an option in the Mechanical Engineering Department. This program is the first new Nuclear Engineering program implemented at a research university in over a decade. A key component of this program is its focus on issues associated with the activities of the U.S. Department of Energy (DOE), the owner of the Savannah River Site (SRS), and Westinghouse Savannah River Corporation (WSRC), the principal operating manager of SRS for DOE. As a result of their historical ties to tritium development and storage, these organizations are currently in the process of developing a roadmap associated with the nation's conversion to a hydrogen-based energy economy. Although several options are being considered for large-scale hydrogen production, one of the most economically stable ways to produce hydrogen is through the use of a high temperature nuclear reactor. Although the processes for power production from nuclear reactors are generally well understood, only recently has consideration been given to reactor systems for hydrogen processing, storage, and transport. This Professorship has been designed as one mechanism to develop a university-based research program to support our nation's efforts in hydrogen research, development, and deployment.

The individual who will fill this position is expected to have an outstanding research and teaching record, appropriate for appointment at the Professor level. He/she will hold a tenured position in either the Department of Mechanical or Chemical Engineering and will be expected to establish an outstanding research program in one of the following areas:

- Nuclear reactor systems operations
- Hydrogen production , processing and storage
- Hydrogen transport and infrastructural development

The incumbent in this position will also assist the DOE's Office of Nuclear Energy Science and Technology and DOE laboratories in developing an overall roadmap for the hydrogen program. This will include the consolidation of the research currently supported by the Nuclear Energy Research Initiative, the development of classroom materials (to be disseminated to universities throughout the United States), and the development of graduate coursework relative to the hydrogen roadmap. This course will also be made available to universities through teleconferencing and the Internet.

This faculty position will include seed funds to establish a research program and curriculum enhancements, additional funding for graduate students, and funds to travel to and from SRS and other DOE sites. It is expected that the person filling this position and the students in the program will have strong interactions and career placement with all DOE facilities involved in the hydrogen program.

Due to the sensitivity of this position, US Citizenship is required. Minorities and women are encouraged to apply. Résumés/vitae should be addressed to: Chairman, Hydrogen Search Committee, Mechanical Engineering, University of South Carolina, Columbia, SC 29208. The University of South Carolina is an equal opportunity employer.

education. Interested individuals should send a letter of application including a statement of research and teaching interests and plans, current resume, copies of pertinent publications, and names and contact information of at least three references to: Chair, Faculty Search Committee, Department of Chemical Engineering, Campus Box 1198, Washington University, St. Louis, MO 63130. Screening of applicants will begin in December 2002 and will continue until the position is filled. Washington *University is an equal opportunity/equal access/affirmative action institution.*

CLARKSON UNIVERSITY WALLACE H. COULTER SCHOOL OF ENGINEERING. DIRECTOR, BIOENGINEERING/REHABILITATION ENGINEERING PROGRAM

Applications and nominations are sought for the position of Director of the Bioengineering/Rehabilitation Engineering Program in the Wallace H. Coulter School of Engineering. Significant endowment funds have been allocated for the development of a new emphasis in bioengineering/rehabilitation engineering. The Director will provide leadership in the development of a vision and goals leading to sustained growth in multidisciplinary research and undergraduate and graduate degree programs linking programs in engineering, science, and physical therapy. The director will also establish an externally funded research program at Clarkson.

The successful candidate will have an educational background and experience in a suitable area of bioengineering or a related field, hold a doctoral degree, and have a record of scholarship and teaching appropriate for an appointment with tenure. Demonstrated success in managing an academic or research organization is a plus, as is the ability to build relationships with government and private agencies.

Applications should be mailed to Thomas Ortmeyer, Department of Electrical and Computer Engineering, Box 5720, Clarkson University, Potsdam, NY 13699-5720. The review of applications will begin immediately and continue until the position is filled. Clarkson University is an AA/EOE POS#62-02

THE UNIVERSITY OF WYOMING, THE DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING has an opening for an Assistant/Associate/Full Professor of Chemical Engineering. Candidates who possess an earned doctorate in chemical engineering or a closely related field, and who are interested in teaching and developing an externally funded research program are encouraged to apply. A central purpose of the open position is to strengthen the Department's contributions to fossil-energy-related research, for example, research on interfacial phenomena, plasma, catalysis, thermodynamics, separations, multiphase flow, and transport phenomena. Please mail or e-mail a letter of application, resume, statements of teaching and research interests, and the contact information for at least three references to: Prof. Maciej Radosz, Head, Department of Chemical and Petroleum Engineering, University of Wyoming, Laramie, WY 82071-3295. Radosz@uwyo.edu www.eng.uwyo.edu/chemical Tel: (307) 766-2500. Candidates for appointment at the associate or professor ranks will be expected to demonstrate an exceptional record of achievement in teaching and scholarship. We will begin the application review process 13 January 2003. The University of Wyoming is an AA/EEO employer.

JOHNS HOPKINS UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING

The Johns Hopkins University, Department of Chemical Engineering seeks outstanding applicants for tenure-track faculty positions at the junior or senior level available starting September 1, 2003. Candidates who hold a doctorate in chemical engineering, materials science, or a related field should apply. All areas of chemical engineering will be considered but applicants with expertise in the area of materials, nanotechnology, interfacial science, biomaterials, and related fields are especially encouraged. Applicants should send or e-mail a resume and the names of at least three references to: Professor Michael J. Betenbaugh, Chair, Department of Chemical Engineering, Johns Hopkins University, 3400 N. Charles Street, Baltimore MD 21218. Telephone: (410) 516-5461/8294;e-mail: beten@jhu.edu. Women and minorities are strongly encouraged to apply. Johns Hopkins University is an EEO/AA employer

UNIVERSITY OF Cincinnati

.....Leadership Position Announcement

Head, Department of Chemical & Materials Engineering

College of Engineering, University of Cincinnati

The College of Engineering of the University of Cincinnati invites nominations and applications for the position of Head of the Department of Chemical & Materials Engineering (CME). CME is a new department formed by combining the Chemical Engineering and Materials Science and Engineering departments. The formation of this new department provides an exciting challenge for a new head since it is ideally positioned to address, in addition to the existing areas, research in areas of high demand such as nano- and membrane sciences and biomedical applications. The Head is expected to have a strong commitment to advancing research and education, to lead the development of innovative programs, especially joint ventures with other academic units, to encourage integrative efforts within CME, and to foster and strengthen entrepreneurial and academic partnerships with industry.

Qualifications for the Head position include an earned doctoral degree in chemical engineering, materials science, materials engineering, or a closely related field; a distinguished record in research and education; a clear vision for the disciplines; and established leadership and interpersonal skills.

The Department offers undergraduate, M.S., and Ph.D. programs in Chemical & Materials Engineering. The Department has 27 full-time faculty, 155 full-time graduate students and 425 undergraduate students, and awards approximately 18 M.S. and 15 Ph.D. degrees per year. Extramural funding of approximately $3 million supports annual research and education programs. The Department has well-equipped research and teaching laboratories and occupies 120,000 square feet of space including research laboratory space in a new Engineering Research Center. Additional information is available at the departmental web site: www.eng.uc.edu/dept_chme/.

The College is renowned as the home of co-operative engineering education, which remains the hallmark of our programs, providing professional experience for all undergraduate students in over 1100 companies worldwide. Building on this foundation, we are integrating distance learning during co-op terms to create a variety of unique five-year combined BS/MS programs.

The University is completing a major building campaign to make it one of the finest urban settings in American higher education. A compact campus permits easy access to all resources, including the College of Medicine, with which we share a new Department of Biomedical Engineering. Cincinnati has been identified as one of the most livable cities in America in a tri-state metropolitan area of 1.8 million, with excellent cultural and entertainment opportunities, and a moderate cost of living combined with a wealth of housing options.

Curriculum vitae, including a list of recent publications and at least four references, should be sent to Prof. Awatef Hamed, Chair, CME Head Search Committee, P.O. Box 210018, University of Cincinnati, Cincinnati, Ohio 45221-0070 or electronically (preferably in PDF format) to ahamed@mail.ase.uc.edu. The position will remain open until filled, but review of applications will begin December 1, 2002. The University of Cincinnati is an Affirmative Action/Equal Opportunity employer and encourages applications from women and minorities.

UNIVERSITY OF KENTUCKY, CHAIRPERSON, DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING

The Department of Chemical and Materials Engineering invites nominations for the position of Department Chair. We seek an energetic and motivated leader who is committed to excellence in undergraduate and graduate instruction, and who will facilitate innovative research in both core and multi-disciplinary areas. The successful candidate should have a Ph.D. in chemical engineering or materials engineering, or in a closely related field, and a distinguished record of academic scholarship commensurate with appointment at the level of Professor.

The Department of Chemical and Materials Engineering at the University of Kentucky offers B.S., M.S., and Ph.D. degrees in both Chemical Engineering and Materials Science and Engineering. The department currently has approximately 200 undergraduates, 70 graduate students, and 25 faculty. In addition to its programs in Lexington, the department offers the B.S. in Chemical Engineering at UK's Extended Campus in Paducah, KY. For more information on the department and its research activity, please see: http://www.engr.uky.edu/CME/.

Review of applications will begin in December 2002 and will continue until the position is filled; a starting date of Fall 2003 is anticipated. Applicants should submit a brief statement of interest, curriculum vita, and the names of three references to:

Dr. Douglass Kalika, Search Committee Chair,
Department of Chemical and Materials Engineering,
University of Kentucky, Lexington, KY 40506-0046
(E-mail: kalika@engr.uky.edu).

The University of Kentucky is an Affirmative Action/Equal Opportunity Employer.

GEORGIA INSTITUTE OF TECHNOLOGY, DEPARTMENT CHAIR

Nominations and applications are sought for the Hercules, Inc./Thomas L. Gossage Chair in Chemical Engineering. Candidates should be interested in both undergraduate and graduate education and have significant research accomplishments in one or more of the following areas: materials synthesis or processing, any aspect of biotechnology, and energy conversion. Candidates from academia, industry, and national labs are encouraged to apply. Information about the School of Chemical Engineering and links to other activities at Georgia Tech can be located at the website www.che.gatech.edu. Search committee review of credentials will begin immediately, but nominations and applications will be accepted for consideration until the position is filled.

A resume, names and addresses of references, and a statement of research interests should be submitted to Ronald W. Rousseau, Professor and Chair, School of Chemical 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.

PENN STATE, ASSISTANT, ASSOCIATE OR FULL PROFESSOR OF BIOENGINEERING

The Pennsylvania State University invites applications for tenure track positions in its new Department of Bioengineering at its University Park campus. Through the generosity of the Whitaker Foundation, Penn State has expanded its longstanding graduate program into a new Department with an undergraduate major leading to the BS degree in Bioengineering. This major consists of a core curriculum of bioengineering courses and specialized instruction in the areas of tissue and cellular engineering, biotransport, bioinstrumentation and devices, medical imaging, biomaterials, and biomechanics.

Bioengineering at Penn State has a 30 year history of multidisciplinary graduate training and our new Department has solid institutional support to promote faculty growth and development. Stimulating and productive interactions between engineering and life science faculty are abundant and revolve around well supported research programs in Penn State`s Materials Research Laboratory,Center for Locomotion Studies, Life Science Consortium, and the Institute for Biomedical Engineering at the Milton S. Hershey Medical Center. For more details, visit our department at http://bioeng/psu.edu.

Applicants should have a Ph.D. in Bioengineering, or a related field with an emphasis on engineering applications to the life sciences. Preference will be given to applicants with research interests in BioMems, Micro/Nano-Technology, Medical Imaging, Tissue Engineering and analysis of physiological systems at the tissue, cellular and molecular level. Send curriculum vitae, statement of research and teaching objectives, and names of three references by March 1, 2003 to

Dr. Herbert H. Lipowsky,
Professor and Chairman, Department of
Bioengineering, Pos #: C-14492, Penn State,
205 Hallowell Building, University Park, PA 16802

Penn State is committed to affirmative action, equal opportunity and the diversity of its work force.

EXECUTIVE SEARCH

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