

## POSITIONS AVAILABLE

### CORPORATE PROCESS PROJECT ENGINEER

Buckman Laboratories International, Inc. ([www.buckman.com](http://www.buckman.com)) is seeking a Process Project Engineer for the corporate headquarters in Memphis, Tennessee to assist with process improvements and capital projects at Buckman facilities and customer sites worldwide. Duties will include developing P&ID's and equipment specifications; supervising construction and start-up; and providing Process Hazard Analysis and DCS configuration support. Requirements are a Bachelor's degree in Chemical Engineering and 5-10 years of manufacturing experience in the chemical or pulp and paper industry. Spanish as a second language would be a plus. **Please send resume and salary history to [hrjobs@buckman.com](mailto:hrjobs@buckman.com). Reference: CPPE.**

### TECHNICAL SALES ENGINEER

Süd-Chemie Inc., a global leader in catalyst production is currently seeking an experienced Chemical Engineer to fill a Technical Sales Engineer position. Brief Description: The Sales Account Manager will be responsible for sales and technical service of catalysts in the IGP industry group, specifically focusing on olefins purification catalysts to a territory of customers in America and Canada. The position based either in Louisville or Houston but preferably in Louisville will require approximately 40-60% travel to both domestic and foreign locations. Job Responsibilities: (including but not limited to): manage and maintain

existing and direct sales to customer accounts in Americas region with annual sales of \$5-\$10 MM; identify and facilitate the commercialization of new OleMax line of products to selected target accounts; perform routine sales functions such as site visits, preparation and timely submission of technical and commercial proposals, phone and on-site technical service when requested, practice a systematic selling process including call reports, sales call planning etc.; develop strong relationships at all levels within the customers' organization such as Plant engineers, research and technology experts, purchasing managers, business managers and senior mgmt. Report on competitive activity, frequently update market database and prepare SAP forecasts of s/t and l/t business potentials. Qualifications and Experience: minimum of Bachelor's degree in Chemical Engg (preferred) Advanced degrees such as MS or MBA a plus. Alternate degrees such as Chemistry or petroleum engineering with relevant work experience will also be considered; five to eight years of work experience in technical sales and/or Marketing. Experience dealing with industrial chemicals or catalysts desired. Experience selling to Ethylene plants / Petrochemical industry strongly preferred; excellent computer as well as written and oral communication skills and presentation skills required; candidates who have ethylene plant operating experience / process engineering / tech service experience, who have an aptitude and desire to make a career change to a sales / business function will also be considered. Süd-Chemie Inc. offers excellent salary, bonus, and benefits package. Equal Opportunity Employer. **All interested and qualified candidates please forward resume to Dan Hennessy at [dhennessy@sud-chemieinc.com](mailto:dhennessy@sud-chemieinc.com).**

# MichiganTech

## Leadership Opportunity in Bio-Engineering at Michigan Technological University

### James and Lorna Mack Chair in Bio-Engineering

Michigan Tech's Department of Chemical Engineering has identified bio-engineering, bio-processing, and biotechnology as focus areas for growth. The Mack Chair holder will provide a strategic direction for interdisciplinary research in these emerging areas. The holder of the Chair will have the opportunity to collaborate with colleagues across Michigan Tech's campus, including our nationally renowned School of Forest Resources and Environmental Science, our Sustainable Futures Institute, and our Departments of Civil and Environmental Engineering and Biomedical Engineering. Responsibilities of the Mack Chair holder will include establishing a nationally recognized research program in bio-engineering at Michigan Tech, providing leadership for educational programs in this area, and teaching graduate and possibly undergraduate courses to support these research efforts. Opportunities for departmental governance also exist. Applicants with significant industrial experience are encouraged to apply.

Minimum requirements for the Mack Chair include an earned doctorate in Chemical Engineering, Bio-engineering, or any closely related field, and a professional stature meriting appointment as a tenured professor in the department. Application packages should include a complete CV, a vision statement for the position, and names of at least three references. Inquiries and applications should be directed to:

**Ms. Christine Abramson**  
Dept. Coordinator  
MTU Dept. of Chemical Engineering  
203 Chem-Sci  
1400 Townsend Drive  
Houghton, MI 49931-1295

Michigan Tech is located in Michigan's scenic Upper Peninsula with abundant opportunities for outdoor recreation. The campus is one of the safest in the nation and the local community provides excellent resources conducive to quality family life. Michigan Technological University is an equal opportunity educational institution/equal opportunity employer. For more information regarding the university or the department, please visit [www.mtu.edu](http://www.mtu.edu).

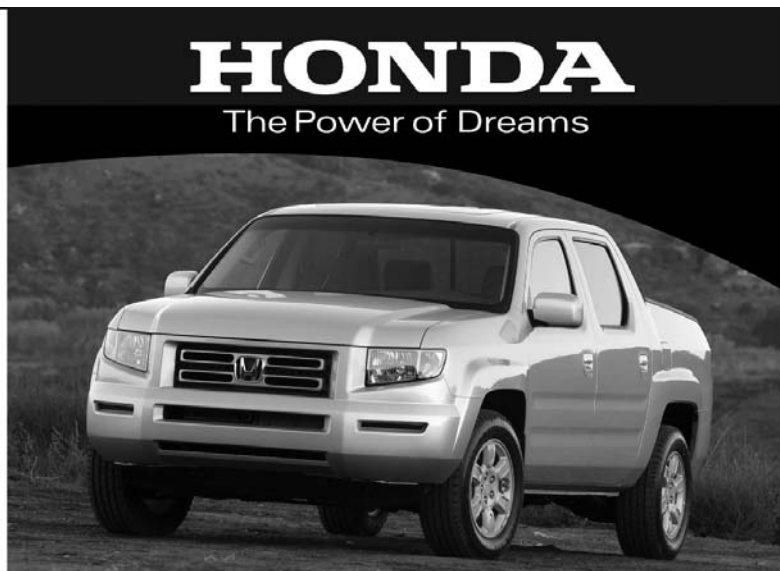
## CHEMICAL ENGINEER

Süd-Chemie Inc., a global leader in catalyst production has an immediate opening for a Chemical Engineer to work in the areas of catalyst preparation, research, and development. The primary responsibilities of this position will be to prepare samples for internal and external customers, work together with other groups to develop new catalyst formulations, reproduce custom formulations and scale up lab recipes, compile analytic data, and write project reports. The minimum qualifications for this position will be a BS or MS in Chemical Engineering, 0-5 years experience in inorganic chemistry or related fields, and a very strong mechanical aptitude. Must also have experience in operating precipitation, filtration, spray-drying, and particle reducing and enlargement operation would be a big plus. This candidate must also be able to work independently or in a team environment, be very hands-on, able to maintain a detailed laboratory notebook, and have excellent written and communication skills. **All interested and qualified parties please forward resume to Dan Hennessy at [dhennessy@sud-chemieinc.com](mailto:dhennessy@sud-chemieinc.com).** Süd-Chemie Inc. offers very competitive salary, bonus, and benefit packages. Equal Opportunity Employer.

## ACADEMIC OPENINGS

**THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF NORTH DAKOTA** invites applications for a tenure-track Assistant/Associate Professor position beginning August 16, 2006 (position is subject to availability of grant funding). Our mission has evolved from one focused on undergraduate education, to a mission that recognizes the importance of combining excellence in teaching with a vibrant research program. One of our strengths is the commitment to building a strong rapport between students and faculty. We maintain small class sizes, an open office hours policy, and a commitment by all faculty to helping all students to maximize their potential. We provide an environment that fosters mutual respect and maximizes learning. The department was awarded the 2005 University Award of Excellence in Research. One of our strengths is extensive departmental and interdepartmental research collaboration. BS and PhD degrees in chemical engineering or a closely related field are required. A passion for teaching excellence in core chemical engineering undergraduate and graduate courses is necessary. You must be willing to focus the majority of your research on problems related to sustainable energy (clean coal technologies, agriculture based transportation fuels, and other alternative/renewable technologies). Applied industrial experience, strong communications skills, and leadership potential will all be positive selection factors. Grand Forks has been rated as one of the top communities in the nation in which to live and work. Features include excellent schools, affordable housing, and safe neighborhoods. UND's Chemical Engineering Department is committed to faculty development and maintaining a true balance between teaching and scholar-

ship, and between a career and family. It's a great place to pursue your career. We especially need faculty mentors for our female students and to promote diversity within the student body. Applications will be accepted until the position is filled with screening to begin February 15, 2006. **Applicants should send an application letter, a resume, a statement of teaching interests, a statement of research interests (include a discussion of ways to focus your research on problems related to sustainable energy) and the names and addresses of three references to: Faculty Search Committee, Department of Chemical Engineering, Box 7101, Grand Forks, ND 58202-7101.** Reference letters will be required for finalists. Salary is commensurate with experience. UND is an EO/AA employer, and the university strongly encourages applications from candidates who would enhance the diversity of the school, including female applicants.



At Honda R&D Americas, Inc., you'll be involved in projects that not only excite you, but also turn the heads of an entire industry. Our engineers are designing, testing and using their talents to create the motorcycles/ATVs, automobiles and power equipment concepts of the future. And in the process they rediscover why they chose this profession — the power to turn today's dreams into tomorrow's products. It's a high-performance, highly rewarding opportunity and we invite you to come along for the ride of your life.

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Be part of the excitement. If you are interested in a career at Honda, send your resume to: **Human Resources, Honda R&D Americas, Inc., 21001 State Route 739, Raymond, OH 43067-9705. Fax: 937-645-6337. Email: [emp@oh.hra.com](mailto:emp@oh.hra.com).** An equal opportunity employer.

**Honda R&D Americas, Inc.**  
**[www.hondaresearch.com](http://www.hondaresearch.com)**

**RESEARCH ENGINEER FOR BIOMASS CONVERSION OKLAHOMA STATE BIOSYSTEMS & AGRICULTURAL ENGINEERING DEPARTMENT** seeks applications for a full-time professional position to actively participate in research pertaining to fermentation systems, bioreactor design and scale-up, and recovery of co-products. See [www.biosystems.okstate.edu/nwservlet/Employment](http://www.biosystems.okstate.edu/nwservlet/Employment) for specific job description. Applicants should have a B.S. or M.S. in Biosystems, Agricultural, Chemical engineering or closely related fields, and 1 yr experience in engineering research. Experience with biomass conversion processes and/or fermentation systems is preferred. Applicant is expected to pursue a graduate degree. **Applicants must apply through OSU's on-line system at [jobs.okstate.edu](http://jobs.okstate.edu). Review of Applications will begin on March 23, 2006 and will continue until a suitable candidate is selected.** OSU AA/EO institution committed to Multicultural Diversity.

#### DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF SOUTH CAROLINA

We seek to fill a cluster of tenure-track faculty positions in the area of Biomedical Engineering for a new multidisciplinary research and teaching initiative. This search is being conducted in collaboration with the Department of Mechanical Engineering and with the School of Medicine at University of South Carolina. Candidates for this cluster are expected to be at the forefront of research in Biomedical Engineering and to support graduate and undergraduate education programs in this field. Candidates with research interests that complement current expertise at the University of South Carolina in cardiovascular development, wound healing, and regenerative medicine are especially encouraged to apply. Candidates are expected to develop a nationally recognized externally funded research program. For more information, see the web site of the College of Engineering and Information Technology at [www.engr.sc.edu](http://www.engr.sc.edu). **Applicants are requested to submit with their letter of application, a professional vitae, transcripts of undergraduate work, names of three references, and statements of their research plans and**

teaching interests. All materials should be addressed to the Biomedical Faculty Search Committee, Office of the Dean, College of Engineering and Information Technology, University of South Carolina, Columbia SC, 29208. Candidates may submit materials via electronic mail to [biomedfaculty@engr.sc.edu](mailto:biomedfaculty@engr.sc.edu). Review of applications will begin immediately and will continue until the positions are filled. The University of South Carolina is an Equal Opportunity/ Affirmative Action Employer.

#### ILLINOIS INSTITUTE OF TECHNOLOGY, DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING AND THE NATIONAL CENTER FOR FOOD SAFETY AND TECHNOLOGY (NCFST)

invite applications for a tenure-track Assistant Professor position in the Department of Chemical and Environmental Engineering, available starting August 2006. The department seeks an individual with an outstanding academic record who is dedicated to excellence in education and research. Applicants must demonstrate the potential to lead and attract funds for a high caliber research program. The candidate must have a Ph.D. in Chemical Engineering or related engineering area, experience in food process engineering, and must have at least one degree in chemical engineering. The candidate will be expected to conduct teaching and research activities in the general field of biological engineering and collaborate with NCFST scientists on food-processing related funded research projects. Experience in bio-nutrition and/or bioseparations is preferable. Online applications are preferred. **To apply, visit [www.chee.iit.edu](http://www.chee.iit.edu). Alternatively, please send a resume, statement of research and teaching interests and plans, copies of pertinent publications, and the names of three references to: Chairman, Faculty Search Committee, Department of Chemical and Environmental Engineering, Illinois Institute of Technology, 10 W. 33rd Street, Chicago, Illinois 60616. Review of applications will continue until the position is filled. For further information, contact: Professor Krishna Pagilla, 312-567-5717, [pagilla@iit.edu](mailto:pagilla@iit.edu). IIT is an EO/AA employer.** [www.chee.iit.edu](http://www.chee.iit.edu) [www.ncfst.iit.edu](http://www.ncfst.iit.edu).



## Ben-Gurion University of the Negev

The Jacob Blaustein Institutes for Desert Research (BIDR)

Zuckerberg Institute for Water Research (ZIWR)



### Faculty Positions in Water Sciences and Engineering (Tenure Track)

The Zuckerberg Institute for Water Research - Institute for Water Sciences and Technologies, announces the availability of two tenure track positions in the Department of Desalination and Water Treatment in the following areas:

1. Polymer chemistry: physical chemistry of polymers as related to membranes for water treatment. Research responsibilities include: Development and adaptation of new polymeric materials for membranes for desalination and specific applications in water treatment, understanding the connection between polymer chemical structure and physico-chemical properties and the dynamic properties of pressure-driven as well as ion-conductive membranes.
  - Applicants should hold a relevant Ph.D. and have a record of excellence in research in the above areas. Rank will be decided according to each successful candidate's qualifications.
2. Chemical Engineering/ Process Engineering of water desalination and treatment related processes. Research responsibilities include: Researching new ideas in water desalination, processing and treatment.
  - Successful candidates will be expected to develop and maintain externally funded research programs, teach graduate courses in their area of expertise, and supervise research students.
  - The positions are available immediately, and will remain open until filled.

Candidates should submit a description of their research accomplishments, CV, references and a short description of suggested future activities to:

**Prof. Eilon Adar, Director, Zuckerberg Institute for Water Research, Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev, Sede Boqer Campus, 84990, Israel.**

Phone: +972 8 659 6979, Fax: +972 8 659 6889, E-mail: [eilon@bgu.ac.il](mailto:eilon@bgu.ac.il) ; ZIWR website: <http://w3.bgu.ac.il/ziwr>



## School of Engineering

### HEAD, DEPARTMENT OF CHEMICAL, MATERIALS AND BIOMOLECULAR ENGINEERING

Applications are invited for the position of Head of the Department of Chemical, Materials and Biomolecular Engineering in the School of Engineering at the University of Connecticut. The successful candidate will have exceptional credentials, including:

- a distinguished scholarly reputation in the technical community including sustained and significant Federal funding;
- a clear and innovative academic vision for the Department;
- a clear vision of emerging research opportunities;
- an ability to work with faculty, students, staff, administration and alumni;
- an earned doctorate in Chemical Engineering, Materials Science and/or Materials Engineering, Biomolecular Engineering, or a related field.

The Department of Chemical, Materials and Biomolecular Engineering has been created from the merger the Departments of Chemical Engineering and Materials Science & Engineering, and will offer undergraduate and graduate degrees in Chemical Engineering, Materials Science and Engineering, and Biomolecular Engineering. The successful candidate has the opportunity to establish one of the nation's premier departments at the exciting intersection between chemical, materials and biomolecular engineering. The Department has 5 new faculty openings, including 2 Endowed Chair or Endowed Named Professorships. Exceptionally qualified candidates for the Head position will be considered for an Endowed Chair or Endowed Named Professorship (\$0.5 M to \$1M endowment each, with proceeds used to support the research of the Head).



University of  
Connecticut  
[www.engr.uconn.edu](http://www.engr.uconn.edu)

Current research in the Department covers areas including, but not limited to: biochemical engineering and biotechnology, environmental and alternative energy sciences, polymer science, composites, nanomaterials, biomaterials and ferroelectric thin films. The Department is committed to expanding its research activities in biomolecular engineering.

Applications and nominations should include a full CV including a complete record of Federal funding and journal publications; a two-page vision statement regarding evolving and future research opportunities; and the names, addresses, e-mail addresses and telephone numbers of five references who are respected leaders at the national or international level. Applications should be submitted electronically to **cmbeHeadSearch@engr.uconn.edu** with a printed copy sent to:

Dr. Theodore Bergman, Associate Dean for Research & Outreach  
Chair, CMBE Head Search  
School of Engineering  
261 Glenbrook Road, Unit 2237  
University of Connecticut  
Storrs, CT 06269-2237

*The University of Connecticut is an Equal Opportunity and Affirmative Action employer, and encourages applications from minorities, women and people with disabilities.*

*The position is available immediately. Applicant screening will begin upon receipt and will continue until the position is filled.*

## School of Engineering

### FACULTY AND ENDOWED FACULTY POSITIONS: DEPARTMENT OF CHEMICAL, MATERIALS AND BIOMOLECULAR ENGINEERING

Applications are invited for five faculty positions in the Department of Chemical, Materials and Biomolecular Engineering in the School of Engineering at the University of Connecticut. These include:

- One Endowed Chair or Endowed Named Professorship position in the Chemical Engineering Program, in the area of environmental, bio-environmental or biomolecular engineering, an energy-related area, or biotechnology.
- One Endowed Chair or Endowed Named Professorship position in the Materials Science and Engineering Program, in the area of advanced materials for energy, nanotechnology, information technology, or biomolecular applications.
- Two junior faculty positions (Assistant or Associate Professor) in the Chemical Engineering Program, in biotechnology, biomolecular engineering, nanotechnology, energy-related areas, or environmental engineering.
- One junior faculty position (Assistant or Associate Professor) in the Materials Science & Engineering Program, in processing and properties of advanced materials in the area of biotechnology, nanotechnology, information technology, or energy-related areas.

Assistant (Associate) Professors will be expected to establish a strong research program at UConn in their respective areas. For the Endowed Chair or Endowed Named Professorship positions, the School seeks outstanding individuals who will provide energetic leadership in a major research institution. Successful candidates for the Endowed positions will have exceptional credentials, including:

- a distinguished scholarly reputation in the technical community including significant Federal funding;
- a clear vision of emerging opportunities for research funding;
- a dedication to building strong research teams using significant existing faculty strengths as a base;
- an earned doctorate in Chemical Engineering, Materials Science and Engineering, Biomolecular Engineering, or a related field.



University of  
Connecticut  
[www.engr.uconn.edu](http://www.engr.uconn.edu)

Chair positions are endowed at approximately the \$1 million level each, with the proceeds of the endowment made available to the Chair to support their research activities. Endowed Named Professorships are at the \$500,000 to \$750,000 level each. It is expected that faculty qualified for Chair positions will be at the full Professor level. Junior faculty considered for the Associate Professor rank must have made significant research contributions beyond their Ph.D. or post-doctoral experience.

Research in the Department currently includes, but is not limited to: biochemical engineering and biotechnology, environmental and alternative energy sciences, alloy science, polymer science, composites, nanomaterials, and biomaterials. The Department is committed to expanding its research activities in biomolecular engineering.

Applications and nominations for all positions should include a full CV including a complete record of funding and journal publications; a two-page vision statement regarding evolving and future research opportunities; and the names, addresses, e-mail addresses and telephone numbers of five references. Applications should be submitted electronically to **cmbeFacultySearch@engr.uconn.edu** with a printed copy sent to:

Dr. Theodore Bergman, Associate Dean for Research & Outreach  
Chair, CMBE Faculty Search  
School of Engineering  
261 Glenbrook Road, Unit 2237  
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SEE MORE JOB LISTINGS ONLINE!

<http://develop.aiche.org/careerengineer>



#### VON OHAIN FUELS AND COMBUSTION CENTER (VOFCC)

A joint DoD/DoE program has announced the production of refined aviation jet fuels for the military using state-of-the-art Fischer Tropsch (F-T) type processes to convert coal, eastern oil shale, tar sands, and biomass into liquid hydrocarbon fuels. Therefore, we are seeking highly motivated Senior and Junior Chemical or Mechanical Engineers or Petroleum Fuel Technologists for employment. Individuals should be capable of securing a satisfactory national security agency background check. Candidates will be familiar with F-T liquid synthesis, coal gasification, and syngas production methods and other refining and upgrading technologies. Individuals will possess research expertise in process development, catalysis, and typical refinery technologies used in petroleum processing to produce alternative fuels. Candidates will perform basic and applied research using a modular pilot-scale research process development unit (PDU). This research involves investigations such as: effects of feedstock-type, catalysis, hydrogenation, F-T liquid synthesis, testing of F-T liquid fuels, and jet fuel certification. Senior Positions require a Ph.D. in Chemical, Mechanical, or Petroleum Engineering with a minimum of 5 years of experience. Junior Positions require M.Sc./Ph.D. with post-graduate experience. Some industry experience will be an asset. Salary and benefits are commensurate with qualifications and experience. Qualified candidates may also be considered for joint faculty appointments in the School of Engineering. Visit our web site at [www.udri.udayton.edu](http://www.udri.udayton.edu) for more information. Please send your curriculum vitae and interest to: University of Dayton Research Institute, Human Resources Office, KL 565, 300 College Park, Dayton, OH 45469-0105, Fax: (937) 229-3222, E-mail: [resumes@udri.udayton.edu](mailto:resumes@udri.udayton.edu). AA/EOE/M/F/D/V

#### LAURENTIAN UNIVERSITY, SCHOOL OF ENGINEERING POSITION IN CHEMICAL ENGINEERING

The School of Engineering offers graduate programs (PhD, MASc, MEng) in Natural Resources Engineering and Mineral Resources Engineering, and undergraduate degree programs in Mining and Chemical Engineering. The School also offers two-year programs in Mechanical and Civil Engineering, and is currently planning to expand Mechanical Engineering into a degree program with options in Automation and Mechatronics. The School invites applications for the following tenure-track position in Chemical Engineering at the Assistant Professor level with a start date of July 1, 2006 or as soon as possible thereafter. In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents. ENVIRONMENTAL ENGINEERING — Candidates are expected to have a strong commitment to excellence in teaching and research. Industrial experience, especially one related to mining or natural resources engineering, would be an asset. All candidates will be requested to apply for professional registration with the Professional Engineers of Ontario at the appropriate time. Applicants should send their full curriculum vitae, and the names of three references to: Dr. Anis Farah, Director, School of Engineering, Laurentian University, Sudbury, Ontario, P3E 2C6. E-mail: [afarah@laurentian.ca](mailto:afarah@laurentian.ca)

#### THE CHEMICAL ENGINEERING DEPARTMENT AT LAMAR UNIVERSITY

invites applications for a tenure track faculty position at the Assistant/Associate Professor level. Lamar University is a member of Texas State University System with approximately 10,000 students, located in southeast Texas known for petrochemical and refineries. The College of Engineering at Lamar awards the BS, MS, PhD and DE degrees. Applicants must have a Ph.D. in chemical engineering or a closely related discipline and a strong commitment to excellence in research and teaching. The Department currently comprises nine (9) faculty members with research activities in environmental air and water pollution control, thermodynamics, green chemistry process, and process simulation, optimization and control. We are especially interested in an outstanding candidate with background/experience in material science that would complement our current strengths. However, applications will also be considered from any strong candidate whose expertise fits well with existing research programs within the department. Please visit our website at <http://www.lamar.edu> for more information. Interested candidates should send curriculum vitae, statement of teaching and research interests, and names and addresses of three referees to: Chair, Faculty Search Committee, Department of Chemical Engineering, Lamar University, Beaumont, TX 77710. Review of applications will start May 1, 2006 and will continue until the position is filled. Lamar University is an Equal Opportunity/Affirmative Action Employer.



## A University to match your ambitions

Engineering, Mathematical and Physical Sciences  
Chemical and Bioprocess Engineering  
Lecturer in Chemical and Bioprocess Engineering  
(Specialising in Downstream Processing)  
Ref: 002217

University College Dublin seeks to appoint a full-time Lecturer in Bioprocess Engineering with expertise in the area of Downstream Processing. Candidates should ideally have a Ph.D. in Biochemical/Bioprocess Engineering or related disciplines and should have had some academic and/or industrial experience.

The successful candidates will be expected to contribute fully to the teaching and administrative activities of the School and University and the newly established National Institute for Bioprocess Research and Training, and to undertake research in an area that is of interest to the School.

Salary: €33,067 - €77,538 p.a.

Appointment on scale will be commensurate with qualifications and experience.

[www.ucd.ie/vacancies](http://www.ucd.ie/vacancies)

Further particulars and application procedures are available at [www.ucd.ie/vacancies](http://www.ucd.ie/vacancies) or from UCD Personnel.

UCD Personnel, University College Dublin, Belfield, Dublin 4, Ireland.  
T +353-1-716 1412; F +353-1-269 2472

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Ireland's  
education  
capital.

University College Dublin  
An Coláiste Ollscoile,  
Baile Átha Cliath

**TENURE TRACK FACULTY POSITION  
CHEMICAL ENGINEERING DEPARTMENT,  
TUSKEGEE UNIVERSITY**

The Department of Chemical Engineering at Tuskegee University has an opening for a tenure track faculty position at the assistant professor level. Applicants should have a PhD in chemical engineering. The department seeks applicants with commitment to excellence in teaching and research. Research and teaching interests are open, but preference will be given to individuals with background in biochemical engineering. The position will begin in August 2006. **Interested individuals should send a resume including names of three references and a description of teaching and research interests to Dr. Nader Vahdat, Head, Chemical Engineering Department, Tuskegee University, Tuskegee, AL 36088 or via E-mail to [vahdatn@tuskegee.edu](mailto:vahdatn@tuskegee.edu).** Tuskegee University is an Equal Opportunity/Affirmative Action Employer.

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**Why not change the world?**

**Professor and  
Department Head**

*Do you have the power to change the world?  
The people at Rensselaer do. Join us.*

**Howard P. Isermann Department of Chemical and Biological Engineering**

The Howard P. Isermann Department of Chemical and Biological Engineering at Rensselaer Polytechnic Institute seeks a Department Head who is dedicated to continuing a tradition of departmental excellence in both teaching and research. An endowed department, Chemical and Biological Engineering at Rensselaer has dynamic research programs in the areas of (bio)molecular engineering, bioengineering, downstream processing, polymer and materials processing, nanotechnology, interfacial phenomena, heat transfer, microelectronics processing, and process control. The research program of the department is in rapid growth with seven hires in the past five years and potentially several new positions currently open.

The candidate must be eligible for a tenured, full-professorship 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 a result of major capital investments and faculty hires which have been supported by major capital investments and faculty hires. An ongoing \$1 billion capital campaign will provide additional support to the Chemical and Biological Engineering program. A new building for state-of-the-art biotechnology and interdisciplinary research was opened in Fall 2004 and provides world class laboratory space for faculty in the department. In this climate of change and rapid progress, the new Department Head 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 CV and a list of six suitable references to: Dr. Sanat Kumar, Co-Chair Faculty Search Committee, Department of Chemical and Biological Engineering, Rensselaer Polytechnic Institute, 110 Eighth Street, Troy, NY 12180; or email: [primer@rpi.edu](mailto:primer@rpi.edu). Please visit us online at: <http://www.eng.rpi.edu/chme/>

*Candidates who will bring diverse cultural, ethnic, and national and international perspectives to Rensselaer's work and campus communities are especially welcome.*

Rensselaer Polytechnic Institute  
is an Affirmative Action/Equal  
Opportunity Employer.



**Rensselaer**

**RYERSON UNIVERSITY**

Ryerson University is known for innovative programs built on the integration of theoretical and practically oriented learning. More than 80 undergraduate and graduate programs are distinguished by a professionally focused curriculum and strong emphasis on excellence in teaching, research and creative activities. Ryerson is also a leader in adult learning, with the largest university-based continuing education school in Canada.

**DEPARTMENT OF CHEMICAL ENGINEERING**  
TENURE-TRACK AND LIMITED-TERM FACULTY POSITIONS

The Department of Chemical Engineering offers a co-operative, five-year accredited program leading to a Bachelor of Engineering (B.Eng.) degree in Chemical Engineering. The Department also offers graduate programs leading to Doctor of Philosophy (PhD), Master of Applied Science (M.A.Sc.), and Master of Engineering (M.Eng.) degrees. Information on the Department can be found at [www.ryerson.ca/chemeng](http://www.ryerson.ca/chemeng)

The Department invites applications for one tenure-track position and one limited-term faculty position in Biochemical Engineering, at the Assistant or Associate Professor level, subject to budgetary approval. Candidates must have a PhD in Chemical Engineering or a closely related field, a baccalaureate degree in Chemical or Biochemical Engineering, and a strong commitment to high-quality teaching and research, with the ability to establish or maintain a dynamic and internationally recognized research program. Eligibility for registration as a Professional Engineer in Ontario is a requirement. Relevant industrial experience would be an asset.

The level of appointment and salary will be commensurate with the qualifications of the candidate. Applications, including a curriculum vitae, a statement of research and teaching interests, and the names of at least three references, should be sent, no later than April 30, 2006, to: Department of Chemical Engineering, Ryerson University, 350 Victoria Street, Toronto, Ontario, M5B 2K3. E-mail: [chemeng@ryerson.ca](mailto:chemeng@ryerson.ca). Applications received after this date will continue to be considered until suitable candidates are found. We thank all candidates for applying; however, only those selected for an interview will be contacted.

Ryerson University has an employment equity program and encourages applications from all qualified individuals, including Aboriginal people, persons with disabilities, members of visible minorities and women. Members of designated groups are encouraged to self-identify. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.