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ACADEMIC OPENINGS

ASSISTANT PROFESSOR TRINITY UNIVERSITY

The Engineering Science Department at Trinity University is accepting applications for a tenure-track assistant professor position from qualified chemical engineers with a keen interest in both undergraduate education and research pursuits. **Please refer to www.engr.trinity.edu for detailed information on the position, the Department, and how to apply. For additional information please contact Dr. Farzan Aminian at faminian@trinity.edu.**

DREXEL UNIVERSITY, COLLEGE OF ENGINEERING TWO FACULTY POSITIONS IN CHEMICAL AND BIOLOGICAL ENGINEERING

The Department of Chemical and Biological Engineering at Drexel University invites applications and nominations for two tenured/tenure-track faculty positions. Outstanding candidates should have a distinguished academic record, including a PhD in chemical engineering or a closely related field, potential for developing a strong independent research program, and a commitment to mentor and teach undergraduate and graduate students effectively. All research areas will be considered. The department currently has 12 tenured/tenure-track faculty (8 NSF CAREER awardees; 1 PECASE awardee), approximately 350 undergraduate students and 40 PhD students. With research expenditures averaging over \$3M per year, current research interests are in the fields of polymer science and engineering, biotechnology, computational modeling and process systems engineering, as well as energy and the environment. Drexel University is a comprehensive top-tier research institution ranked in the top 100 among all PhD granting universities according to *US News & World Report* (2011). We are located in the heart of Philadelphia, and you can learn more about the university and the department at www.drexel.edu and www.chemeng.drexel.edu, respectively. **Applicants should submit a letter of interest, detailed curriculum vitae, statements of research and teaching plans, and a list of at least three references electronically at <http://www.chemeng.drexel.edu/faculty/positions/>. Questions should be addressed to Chemeng-facultypositions@coe.drexel.edu.** Review of applications will begin on October 1, 2012. Drexel University is an Equal Opportunity/Affirmative Action Employer and encourages applications from qualified women and minorities.

IMMEDIATE OPENING AT THE TECHNISCHE UNIVERSITÄT BERLIN, FACULTY III PROCESS SCIENCE, INSTITUTE OF PROCESS AND CHEMICAL ENGINEERING

University professor - salary grade W 3 for the department “Dynamik und Betrieb technischer Anlagen.” Responsibilities: The research profile should be in the field of analysis and synthesis of technical processes using feedstock's with strong fluctuating properties; the study of the influence of the dynamics on the design; process optimization taking into account dynamics. The extension of theoretical methods for the treatment of complex, practically relevant issues in chemistry, and in food and biotechnology are highly demanded. Their experimental validation of the methods should be an integral part of the research. It is expected to take over teaching in different engineering bachelor and master courses. Applicants also must be able to conduct their lectures in German

and in English. Requirements: Fulfillment of the profession requirements in compliance with § 100 of the Berlin Act of Higher Education [BerlHG] (the information leaflet will be forwarded upon request), including a finished academic education, qualified achievements in research (Promotion), post doctoral lecture qualification (Habilitation) or equivalent qualification (scientific and high educational performance. Competence in teaching, in leading of large working groups, in research and development in the field of dynamics of process, in fund-raising, in leadership of research projects, as well as industrial experience are highly welcome. The Technische Universität Berlin tries to increase the proportion of women in research and teaching and therefore expressly encourages qualified female scientists to send in their application. Equally qualified disabled applicants will be given preference. **For further information about this position, please contact Sabine Enders (Tel.: +49 (0) 30 314 - 22755; E-mail: Sabine.Enders@tu-berlin.de).**



**Converting waste CO₂ and CO to polymers and
chemicals using novel catalyst systems**

Director/VP of Process Development & Engineering

Novomer is seeking a candidate to lead the technical efforts to develop a new process to make acrylic acid and 1,4 butanediol using waste CO and ethylene oxide from abundant shale gas. The process has the potential to have a transformational impact on the US chemicals industry because it will be 40% lower cost, have a significantly lower carbon & energy footprint, and a market potential in excess of \$20B.

Responsibility: The candidate will build & manage a team capable of designing and operating a continuous laboratory process to validate the economics of Novomer's catalyst system.

Qualifications Desired: • Experience commercializing new process technology from bench top to production scale • Unit operation design and testing • 15+ years of experience in the field • MS/PhD in Chemical Engineering

The position is located in Rochester, NY. More details can be found at <http://www.novomer.com> under the careers section. Interested candidates should submit resumes to careers@novomer.com.

ASSISTANT PROFESSOR IN ENERGY AND SUSTAINABILITY PRINCETON UNIVERSITY

The Department of Chemical and Biological Engineering at Princeton University seeks outstanding applicants for a tenure-track appointment at the Assistant Professor level, with the potential to be jointly appointed with Princeton's Andlinger Center for Energy and the Environment, effective as early as September 1, 2013. The search is open to candidates specializing in any aspect of energy and sustainability, including but not limited to: energy generation, conversion, and/or storage; biofuels via biochemical or chemical/thermal transformations; waste heat recovery; water desalination; and separations, capture, and/or chemical transformations of carbon dioxide. The successful candidate should have a Ph.D. in Chemical Engineering or related field, demonstrated excellence in academic research, and a strong commitment to teaching and advising undergraduate and graduate students. **Candidates must complete an online faculty application at <https://jobs.princeton.edu>; curriculum vitae, detailed descriptions of teaching and research interests, reprints of selected publications, and the names and addresses of at least three references should be attached as .pdf documents to the on-line application.** Candidates are encouraged to apply before November 1, 2012. For additional information on applying for positions at Princeton University, please link to http://www.princeton.edu/dof/about_us/dof_job_openings/. Princeton University is an equal opportunity employer and complies with applicable EEO and affirmative action regulations.

THE UNIVERSITY OF SOUTH CAROLINA invites applications for a tenure-track Assistant Professor position in Renewable Fuels in the Department of Chemical Engineering. Applicants should possess a Ph.D. degree in, Chemical Engineering, or a related field. Exceptional candidates may be considered at a higher rank. The successful candidate is expected to develop an internationally recognized, externally funded research program as part of the USC research in the new Horizon I research building. **Interested applicants should send one (1) complete PDF file that includes a letter of application, curriculum vitae,**

and a concise description of research and teaching plans. This and three letters of reference should be sent to: Renewable Fuels Search Committee Chair, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208 via ChemEngSearch@cec.sc.edu. For full consideration, applications must be received by December 2, 2012. The University of South Carolina is an Affirmative Action/Equal Opportunity Employer. Minorities and women are especially encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

THE DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING AT THE UNIVERSITY OF KANSAS (KU) is seeking an outstanding candidate with expertise in regenerative medicine and tissue engineering at the Associate Professor rank, although exceptional candidates at a higher rank will be considered. This faculty position is among those released as part of the School of Engineering Building on Excellence Initiative. Special consideration will be given to applicants committed to excellence who can contribute to the University's innovative, collaborative, and multidisciplinary initiatives to educate leaders, build healthy communities, and make discoveries that will change the world. See <http://www.provost.ku.edu/planning/>. The outstanding environment at KU includes two nearby medical centers, a new engineering building, the Bioengineering Research Center, and the Institute for Advancing Medical Innovation. The Department of Chemical and Petroleum Engineering has a proud tradition of commitment to both undergraduate and graduate education. The department has 18 faculty members, over 400 undergraduate students, and 60 graduate students. **A detailed position description and online application procedures can be found at <https://jobs.ku.edu> (search position 00209293). The position is available beginning August 17, 2013. Salary and benefits are competitive and commensurate with qualifications and experience. Nominations are welcomed and should be sent to Professor Michael Detamore at detamore@ku.edu.** Review of applications will begin

Department Chair Search

Applications and nominations are solicited for the position of
**CHAIR OF THE
CHEMICAL ENGINEERING
DEPARTMENT AT THE
UNIVERSITY OF LOUISVILLE**

The university is seeking an energetic academic leader with a strategic vision, outstanding academic credentials, and successful administrative experience. Candidates are expected to have earned a doctorate in chemical engineering or a closely related field; a strong record of research; a demonstrated commitment to excellence in teaching; and strong leadership, communication and administrative skills. The preferred candidate should be tenurable at the rank of a full professor.

The ChE Department has 162 undergraduate students, 28 master's students, 22 doctoral students, 9 faculty, \$1M in annual research expenditures, and a number of exemplary research facilities, including one of the largest new micro/nano cleanrooms in the nation and the Conn Center for Renewable Energy Research.

It's Happening Here

Louisville is the 16th largest metropolitan city in the US. Its low cost of living combined with its unique amenities and quality of life have recently earned Louisville the recognition as the nation's most liveable city in America. <http://usmayors.org/pressreleases/uploads/2012/0614-CITYLIVABILITY-AWARDS.pdf>

Applicants must apply online at <http://higherdecisions.com> and attach a current curriculum vitae, an application letter outlining their qualifications for the position and vision for growing the research and educational mission of the department, and the names of at least three references with full contact information. Nominations should be forwarded to Prof. William Biles, William.biles@louisville.edu, chair of the search committee. For full consideration, applications should be received by December 3, 2012. Search will continue until the position is filled. Additional information concerning the department and position is available at <https://louisville.edu/speed/chemical>. Minority and female candidates are encouraged to apply. The University of Louisville is an equal opportunity, affirmative action employer.



Louisville, Kentucky 40292
Phone: (502) 852-6261

**UNIVERSITY OF
LOUISVILLE**
J.B. SPEED SCHOOL
OF ENGINEERING



Dean, College of Engineering

Rowan University is seeking an innovative leader for the position of Dean of the College of Engineering. Located in New Jersey, Rowan is a comprehensive public institution with over 11,000 undergraduate and graduate students enrolled in nine colleges, including the new Cooper Medical School. The recent State designation of Rowan as a research university has set the framework for new multidisciplinary research opportunities and the creation of new advanced degree programs.

The College of Engineering, created following a \$100M gift by Henry and Betty Rowan in 1992, enrolls over 600 students in four departments. *U.S. News & World Report* consistently ranks the College and its programs among the nation's best for undergraduate engineering. Further information is available at www.rowan.edu/colleges/engineering.

As the College's chief academic officer, the new Dean will be responsible for providing overall leadership to promote excellence and advance its national and international standing in research, and undergraduate and graduate education. Specific responsibilities will include fundraising, budget management, alumni relations, and outreach.

The qualifications include a PhD in engineering or related field; an established record of teaching, scholarship, and service appropriate to appointment to full professor; and experience and demonstrated success as a leader in academic administration, fundraising, budget and personnel management.

Review of applications will start immediately. Applications submitted after December 15, 2012 may not receive consideration. Candidates should submit a letter of interest including a vision statement, current vita, and names for three references to engdeansearch@rowan.edu.

Rowan is an equal opportunity employer, and encourages members of diverse groups to apply.

on November 15, 2012 and will continue until selections are made. Equal Opportunity Employer M/F/D/V.

FACULTY OPENINGS, GEORGIA TECH

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

UNIVERSITY OF COLORADO (WWW.COLORADO.EDU/CHE). THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING

is seeking to make one or more hires at the associate or full professor levels. Exceptional candidates at the assistant professor level may also be considered. Candidates with interests in all research areas will be considered. Applications are particularly encouraged in biological, energy and materials-related areas, which align with the Department's participation in campus initiatives including the Biofrontiers Institute, the Renewable and Sustainable Energy Institute, and the Materials Science and Engineering program. **Applicants should go to <http://www.colorado.edu/che/departments/faculty-search.html> for information on submitting their applications.** Review of applications will begin in October 2012. The University of Colorado is an Equal Opportunity Employer committed to building a diverse workforce. We encourage applications from women, racial and ethnic minorities, individuals with disabilities and veterans. Alternative formats of this ad can be provided upon request for individuals with disabilities by contacting the ADA Coordinator at (303) 492-1334.

THE UNIVERSITY OF CONNECTICUT, CHEMICAL ENGINEERING,

invites applications for two tenure-track faculty positions at the assistant or associate professor level, with an expected start date of August 23, 2013. The successful candidate will have a Ph.D. in Chemical Engineering or closely related field, and credentials showing promise for excellence in research, undergraduate and graduate teaching and scholarly activities. Research specialties of particular interest include either Biomolecular Engineering; or the broad area of Production, Process and Manufacturing. **More information about the positions and details for submitting an application are available at jobs.uconn.edu/faculty. Please reference search #2013086, #2013087 and/or #2013091.** The University of Connecticut is an EEO/AA employer.

CHEMICAL/BIOLOGICAL ENGINEERING FACULTY POSITION COLORADO STATE UNIVERSITY

The Department of Chemical and Biological Engineering at Colorado State University seeks applications and nominations for tenure-track chemical/biological engineering faculty positions at the assistant and associate professor levels. Successful junior candidates will develop well-funded research programs and actively participate in education and scholarship activities. Candidates with more experience must have a national/international reputation in their research area. This search is focused on applicants with interests and expertise in systems and synthetic biology, bioanalytical devices, and biomaterials. Applications from candidates with the ability to advance the Department's commitment to diversity and multiculturalism through research, teaching and outreach with relevant programs, goals and activities are particularly encouraged. A Ph.D. or equivalent in chemical or biological engineering, or related field, is required by March 1, 2013. **Important information regarding the application process and required application materials may be found at <https://www.engr.colostate.edu/cheme/search/>. Electronic submission of application materials at this web site is required.** Review of applications will begin November 12, 2012 and may continue until the position is filled. The anticipated start date is August 2013. CSU is an EO/AA employer. Colorado State University conducts background checks on all final candidates.



Tenure-Track Position

The Department of Chemical and Petroleum Engineering in the Schulich School of Engineering at the **University of Calgary** invites applications for a position with expertise in the following areas:

**Chemical Process Modeling
Nanotechnology
Catalysis/Adsorption**

Tenure-track Assistant or Associate Professor position

The successful candidates will establish a strong research program, supervise graduate students, teach a range of undergraduate and graduate courses and attract external funding to support research activities.

Applicants must possess a PhD in Chemical Engineering or related fields or be within 6 months of their doctoral thesis defense and be eligible for registration as a professional engineer with the Association of Professional Engineers, Geoscientists of Alberta.

For full posting details, please visit:
<http://schulich.ucalgary.ca/chemical/about/employment>

The review of applications will begin December 15, 2012 and continue until the position is filled.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents of Canada will be given priority. The University of Calgary respects, appreciates and encourages diversity.



Canada Research Chair- Tier II

The Department of Chemical and Petroleum Engineering in the Schulich School of Engineering at the **University of Calgary** invites applications for the following position:

**Carbon Capture
Canada Research Chair – Tier II**

Tenure-track Assistant or Associate Professor position

The successful candidate will establish a strong research program, supervise graduate students, teach a range of undergraduate and graduate courses and attract external funding to support research activities.

Applicants must possess a PhD in Chemical Engineering, Petroleum Engineering or related fields or be within 6 months of their doctoral thesis defense and be eligible for registration as a professional engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA).

For full posting details, please visit:
<http://schulich.ucalgary.ca/chemical/about/employment>

The review of applications will begin December 15, 2012 and continue until the position is filled.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents of Canada will be given priority. The University of Calgary respects, appreciates and encourages diversity.

UNIVERSITY OF WASHINGTON DEPARTMENT OF CHEMICAL ENGINEERING TWO FACULTY POSITIONS

The Department of Chemical Engineering at the University of Washington invites applications or nominations for two tenure-track faculty positions to begin September 16, 2013, contingent on budgetary approval. The Department is seeking candidates at the level of Assistant Professor or Associate Professor, although an appointment may be made at the rank of Professor if circumstances and qualifications warrant. The department is growing and currently has a core group of 18 research and tenure-track faculty, 80 graduate students, 140 undergraduates, and 15 Post Doctoral Research Associates. Additional information about the department can be found at <http://www.cheme.washington.edu/>. This position is part of a \$100,000,000 cross-cutting initiative in Molecular Engineering and Science at the University of Washington (see <http://www.moles.washington.edu>). Chemical Engineering plays a leading role in the development of the educational and research programs that broadly support the BioTech and CleanTech thrusts of the new Institute. University of Washington faculty engage in teaching, research, and service. Applicants are expected to describe plans for creating innovative and high quality research and teaching programs that integrate molecular and nanoscale principles throughout their activities. Successful candidates will demonstrate outstanding potential for high impact research as judged, in part, by their publication record in an area that broadly supports one of the

Institute thrusts. A Ph.D. degree is required. **Please apply online at https://www.engr.washington.edu/facsearch/apply.phtml?pos_id=115 with a letter of application; a detailed curriculum vitae; a list of publications; a statement of research and teaching interests; and the name, mail and e-mail address, and phone number of at least three references.** Applications received on or before November 30, 2012, will be given priority consideration. The position will remain open until filled. The University of Washington is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. The University of Washington is an Affirmative Action, Equal Opportunity employer.

TWO TENURE-TRACK OPENINGS

Villanova University invites applications for two tenure-track positions in Chemical Engineering to begin August 2013. An earned doctorate in Chemical Engineering or closely allied discipline is required. Applicants must be committed to excellence in engineering education, must be excellent communicators and must be able to develop an active research program that will lead to scholarly growth and development. An understanding of Villanova and our emphasis on innovative teaching and learning is critical. Research preferences are for one position as an experimental bioengineer with cell or biomolecular engineering experience/

skills. The other position will be in alternative energy with preference to catalysis, particularly multi-scale modeling. Areas suitable for collaborations with current faculty will be considered very important. Appointment at either a junior or a senior level is possible, depending on the credentials and qualifications of the applicant. Villanova is an Affirmative Action/Equal Opportunity Employer. We are committed to building a diverse faculty and strongly encourage applications from women, minorities, and individuals with disabilities who understand and support the values inherent in Villanova's Catholic character and Augustinian tradition. We offer B.S., M.S., and Ph.D. degrees along with a M.S. in Sustainable Engineering. **All application materials must be submitted online at jobs.villanova.edu and should include an application letter, resume, a research plan, a teaching experience and vision statement, all transcripts, and the names and contact information of three professional references.** Application materials are due no later than December 1, 2012.

TO PLACE A RECRUITMENT AD

CONTACT:

Denise DeLuca Mallon,
Global Recruitment Sales Manager
at 646-279-2149 or
denid@aiche.org



Tenure-track Faculty Positions

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

Professor Jim Yang LEE
c/o Ms. Nancy Chia

Email: nancychia@nus.edu.sg

Shortlisted candidates will be invited to meet the Faculty Search Committee at the 2012 AIChE Annual Meeting in Pittsburgh.



Faculty Positions in Chemical Engineering at the Ecole polytechnique fédérale de Lausanne (EPFL)

As part of a major initiative, the Institute of Chemical Sciences and Engineering (ISIC) at EPFL invites applications for several faculty appointments in Chemical Engineering. Exceptional applicants with expertise in energy-related topics, including solar energy conversion, chemical, electrochemical and biochemical energy conversion, carbon capture and utilization, are especially encouraged to apply. Appointments at the Assistant Professor level (tenure track) are envisioned, but senior faculty levels (Associate/Full) may also be considered.

A PhD in Chemical Engineering or a related field and an excellent track record of innovative research and leadership are generally required. The successful candidate will be expected to establish and direct a vigorous, independent research program and be committed to excellence in teaching at both the undergraduate and graduate levels.

Applications including cover letter, curriculum vitae, publications list, concise statements of research and teaching interests as well as the names and addresses (including email) of five references should be submitted in electronic format via the website <http://sbpositions.epfl.ch/applications/> by October 15, 2012.

The EPFL is consistently evaluated as one of the leading universities in science and engineering in Europe. We offer internationally competitive salaries, start-up resources and benefits. The EPFL aims for a strong presence of women amongst its faculty, and qualified female candidates are strongly encouraged to apply. More information about EPFL and the Institute of Chemical Sciences and Engineering can be found at: <http://www.epfl.ch/> and <http://isic.epfl.ch>. For additional information about this call for applications, please contact the director of the institute, Prof. Paul Dyson (paul.dyson@epfl.ch).