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FOR ChE JOBS”**

<http://careerengineer.aiche.org>

POSITIONS OPEN

POLYMER AND FIBERS PLANT MANAGER, ASCEND PERFORMANCE MATERIALS LLC

Ascend Performance Materials LLC seeks Polymer and Fibers Plant Manager to work in Cantonment, FL to improve our expanding polymers/chemical business units' capacities through improvements and upgrades to the plants located in Florida and other gulf state locations. Bachelor's in Engineering or related science with 8 years' progressive management experience with compounding operations in manufacturing, production, or supply chain role + experience with Lean Manufacturing, Kaizen and Six Sigma. Travel up to 25%. **Submit resume to Kim Horton, HR Generalist, Ascend Performance Materials LLC, 3000 Old Chemstrand Rd, Cantonment, FL 32533. Must put job code PFPM-RDS on resume.**

Visit AIChE's CareerEngineer Job Board for Additional Employment Opportunities
<http://careerengineer.aiche.org> or
<http://www.aiche.org>
(Career Resources then Find a Job)

Employers seek AIChE members due to their commitment to professional excellence. AIChE Membership gives you the job-seeking advantage. Upload your resume FREE for employers to contact you. Member resumes are placed at the top of the list for employers to view first.

Some of the many positions found on AIChE's targeted chemical industry job board include:

- **Maintenance Engineer**
Saudi Aramco
- **Business Development Manager, Recycling**
BASF-The Chemical Company
- **Director, Drug Development**
Baxter
- **BP-Sr. Scientist/Associate Scientist**
GlaxoSmithKline
- **Principal Process Engineer**
CH2M Hill

THE AMERICAN INSTITUTE OF CHEMICAL ENGINEERS, CCPS PROGRAM DIRECTOR

AIChE is seeking a CCPS Program Director. The successful incumbent will lead key programs supporting the mission of AIChE's Center for Chemical Process Safety (CCPS), including acquisition of new corporate members, implementation of member support and retention activities, and global dissemination of CCPS activities including serving as CCPS Americas Regional Manager. Oversee global conferences, global and regional member meeting and workshops, and establish relationship with key associations, societies, and government entities. A BS in chemical engineering or related discipline is

required. MBA or equivalent experience desirable; relevant industrial or consulting experience of 20 years or more, including a minimum of 15 years in roles with significant operational, technical, or managerial responsibility for process safety and 5 years of P&L responsibility; international work experience; strong negotiation skills; outstanding communication, interpersonal and public speaking skills; foreign language skills a plus. **Interested candidates may email their cover letter and resume to recruitment@aiiche.org. Please note the title of the position in the subject line of the email.** The American Institute of Chemical Engineers is an Equal Opportunity Employer.



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Assistant Professor (Tenure Track) of Chemical Engineering

The Institute of Chemical and Bioengineering Sciences of the Department of Chemistry and Applied Biosciences at ETH Zurich (www.chab.ethz.ch) invites applications for the above-mentioned position. The successful candidate should demonstrate a strong background in chemical engineering and chemistry and the potential to develop an ambitious, world-class program in emerging areas of chemical engineering with focus on sustainability, risk analysis, and product- and process technology.

Candidates should have a PhD degree in chemical engineering or a related field and have an excellent international record of accomplishments. The new professor should be motivated and committed to teach undergraduate level courses (German or English) and graduate level courses (English) in chemical engineering.

This assistant professorship has been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

Please apply online at www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of major achievements, a list of refereed publications and a statement of your future research and teaching interests. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 30 November 2013. ETH Zurich is an equal opportunity and affirmative action employer. In order to increase the number of women in leading academic positions, we specifically encourage women to apply. ETH Zurich is further responsive to the needs of dual career couples and qualifies as a family friendly employer.

ACADEMIC OPENINGS

DEPARTMENT CHAIR POSITION UNIVERSITY OF CALIFORNIA, DAVIS

The Department of Chemical Engineering and Materials Science at the University of California, Davis, is seeking applications and nominations for the position of Department Chair. This is a senior level leadership position intended for candidates with a strong record of research and professional accomplishments, leadership ability, dedication to education and commitment to faculty governance. The Department covers broad areas in Chemical Engineering and Materials Science and Engineering, both in teaching and research. Candidates able to synergistically build both programs will be given preference. The successful candidate should also be eligible for appointment at professor level. A PhD degree in engineering or related fields is required. All applications received by November 30, 2013 will be considered. The position remains open until filled. Additional information on the department can be found at <http://chms.engineering.ucdavis.edu/>. UC Davis is an affirmative action/equal opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans.

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 Assistant 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, two new engineering buildings, 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 education and research. The department has 19 faculty members, with over 500 undergraduate students and 50 graduate students. Applications must include a cover letter, CV, and names of at least three references. **For additional information and submission of applications, visit <http://employment.ku.edu>: Select "Search Faculty Jobs" and search with keyword "regenerative".**

The position is available beginning August 18, 2014 (January 2014 start date is negotiable). Salary and benefits are competitive and commensurate with qualifications and experience. Questions should be sent to Professor Michael Detamore at detamore@ku.edu. Review of applications will begin on October 18, 2013 and will continue until selections are made. Equal Opportunity Employer M/F/D/V.

FACULTY OPENING, UNIVERSITY OF KANSAS

The Department of Chemical and Petroleum Engineering and The Department of Pharmaceutical Chemistry at the University of Kansas (KU) are seeking an outstanding candidate with expertise related to vaccines at the Assistant or Associate Professor rank, although exceptional candidates at a higher rank will be considered. This joint faculty position is among those released as part of the School of Engineering Building on Excellence Initiative and aims to build ties between the School of Engineering and the School of Pharmacy. Special consideration will be given to applicants 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, two new engineering buildings, 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 education and research. The department has 19 faculty members, with over 500 undergraduate students and 50 graduate students. The Department of Pharmaceutical Chemistry has 15 faculty members and is part of The School of Pharmacy, which is ranked #1 for research grant funding per faculty. Applications must include a cover letter, CV, and names of at least three references. **For additional information and submission of applications, visit <http://employment.ku.edu>: Select "Search Faculty Jobs" and search with keyword "vaccine".** The position is available beginning August 18, 2014. Salary and benefits are competitive and commensurate with qualifications and experience. Questions should be sent to Professor Cory Berkland at berkland@ku.edu. Review of applications will begin on October 18, 2013 and will continue until selections are made. Equal Opportunity Employer M/F/D/V.

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY

invites applications for a tenure-track faculty position at the Assistant, Associate or Full Professor level. Priority will be given to applicants for the rank of Assistant Professor though higher-level appointments will be considered for candidates with an appropriate level of past experience. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to demonstrate excellence in teaching at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemical Engineering or a related field. Emphasis should be given to candidates with research interests in energy (process engineering), sustainability, biomass or biological engineering but other areas would also be considered. Joint appointment with another Department is possible. **Applicants should send a curriculum vitae, detailed description of research and teaching interests, and names of at least three references to: cbesearch@sol.rutgers.edu. Application deadline is December 15, 2013 and review of applications will continue until the position is filled.** Early applications are encouraged so that the Search Committee may arrange to meet with potential candidates during the annual AIChE meeting. Information about the department can be found at <http://sol.rutgers.edu>. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

TENURE-TRACK ASSISTANT PROFESSORS UNIVERSITY OF SOUTH CAROLINA

BIOMEDICAL ENGINEERING PROGRAM AND THE NIH-FUNDED CENTER OF BIOMEDICAL RESEARCH EXCELLENCE (COBRE): CENTER FOR DIETARY SUPPLEMENTS AND INFLAMMATION

The University of South Carolina College of Engineering and Computing invites applications for two tenure-track faculty positions at the rank of Assistant Professor. Successful candidates will be appointed as core faculty within the Biomedical Engineering program and will become part of the Center for Dietary Supplements and Inflammation (<http://cobre.med.sc.edu/> and <http://camcenter.med.sc.edu/>). This NIH-funded Center for Biomedical Research Excellence (COBRE) is an integrated University-wide center involving faculty members from the College of Engineering and Computing, School of Medicine, College of Pharmacy, School of Public Health, and College of Arts and Sciences. The COBRE for Dietary Supplements and Inflammation was established to pursue multidisciplinary research to discern how dietary supplements can modulate inflammation to prevent and/or treat disease. Outstanding applicants working in the area of inflammation with incentive to incorporate dietary supplements within their research are encouraged to apply. Areas of research specialization include but are not limited to: elucidation of molecular events that occur during disease-associated inflammation, establishment of computational models to describe and predict inflammatory molecular interactions, development of quantitative measures for inflammation-associated molecular interactions, development of new diagnostic or imaging techniques for studying inflammation in cellular or animal models, and design of novel materials for delivery of dietary supplements. Applicants must have a PhD and postdoctoral experience in a relevant field of engineering or computing and a record indicating exceptional potential for research in an area of biomedical engineering relevant to the COBRE effort. The successful candidates will establish an externally funded (NIH R01 or equivalent) interdisciplinary research program of national and international prominence and demonstrate dedication to graduate and undergraduate education within the Biomedical Engineering program. Appointed faculty will receive strong mentorship from senior faculty associated with the COBRE effort. Appointed faculty will also be eligible to apply for funds from the NIH COBRE grant unless supported by major independent funding, current or past, such as NIH R01 or K99/R00. Appointed faculty who receive NIH R03, R21 or smaller grants are still eligible to apply for COBRE funding. The successful candidates will be affiliated with the Biomedical Engineering degree program, which is administered by the College of Engineering and Computing in collaboration with the School of Medicine. Primary appointments will be within the Dept. of Chemical Engineering or the Dept. of Mechanical Engineering. The Biomedical Engineering program offers BS, MS, and PhD degrees and currently supports over 250 undergraduate and graduate students and a faculty comprising 12 core and over 20 affiliated members spanning the College of Engineering and Computing, College of Arts and Sciences, and School of Medicine.

Applicants should submit with their letter of application, a curriculum vitae, research and teaching plans, and contact information for at least three references. Applications should be submitted electronically to BiomedFac-Search@cec.sc.edu. The search will begin immediately and

continue until positions are filled. The University of South Carolina is an EOAA Employer and encourages applications from women and minorities and is responsive to the needs of dual career couples.

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 a joint appointment in Princeton's Andlinger Center for Energy and the Environment, effective as early as September 1, 2014. The search is open to candidates specializing in any aspect of energy and sustainability, including but not limited to: bio/solar fuels via biochemical or chemical/thermal transformations; water desalination; waste heat recovery; and separations, capture, and/or chemical transformations of carbon dioxide. The successful candidate should have a Ph.D. in Chemical Engineering or a related field, demonstrated excellence in academic research, and a strong commitment to teaching and advising undergraduate and graduate students. We seek faculty members who will create a climate that embraces excellence and diversity, with a strong commitment to teaching and mentoring that will enhance the work of the department and attract and retain students of all races, nationalities, and genders. **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 October 25, 2013. Princeton University is an equal opportunity employer and complies with applicable EEO and affirmative action regulations.

NATIONAL UNIVERSITY OF SINGAPORE DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING

invites applications for faculty positions at all levels. The Department is one of the largest, and internationally renowned with excellent in-house experimental and computational infrastructure. **Tenure-track:** We seek dynamic individuals with strong research record and leadership potential, who can develop well-funded research programs of international visibility and impact in areas related to materials, membranes, carbon management, energy, and sustainability. A PhD in Chemical Engineering or related areas is required. Applicants should send a full curriculum vitae, detailed research plan, teaching interests, and names of at least three referees. Shortlisted candidates are invited to meet the Faculty Search Committee at the 2013 AIChE Annual Meeting in San Francisco. **Teaching-track:** We seek motivated individuals who can excel in teaching chemical engineering subjects, particularly, design project and SHE (safety, health & environment) modules, and in educational leadership including administration. Applicants with the evidence of focus and passion towards teaching excellence, student learning, and pedagogical research and innovation may apply. The application should include full curriculum vitae, teaching interests, philosophy and methodology, and names of three referees. Only shortlisted candidates will be notified. **Visit <http://www.chbe.nus.edu.sg/career/career-main.html> and apply before 15th November 2013.**

Imperial College London

Department of Chemical Engineering

Lecturer/Senior Lecturer

Salary in the range of
£45,040 - £50,190 p.a. (Lecturer)
Starting salary £55,340 p.a. (Senior Lecturer)

The Department of Chemical Engineering at Imperial College London is consistently recognised as world-leading, heading the ranking list in the last three UK Research Assessment Exercises, in 1996, 2001 and most recently 2008.

We attribute our success to the wide range of skills and expertise of our students and staff. Our research interests range from the microscopic e.g. molecular organisation and interactions - to the megascale e.g. design and optimisation of whole distribution networks. We have expertise in mathematical analysis and modelling as well as in experimental investigation and measurement. In all of these areas we deploy, and indeed often devise ourselves, the most up-to-date methods. Much of our research is collaborative and cross-disciplinary within and across departments, across different faculties, as well as with other Universities, and with Industrial partners both in the United Kingdom and worldwide.

The Department now wishes to invite applications from outstanding individuals to join its academic staff. All academic staff are expected to participate fully in the undergraduate and postgraduate teaching activities of the Department, and also to develop a world-leading research programme. We are open to applicants in all areas of Chemical Engineering, and for this current position we would particularly welcome applicants in the area of chemical reaction engineering and catalysis, with the further areas of experimental thermophysical properties/multiphase systems, and separations, also desirable.

Applicants must be a graduate (or equivalent) in Chemical Engineering or a related discipline, and also hold a doctorate (or equivalent). You should have an outstanding research record, as demonstrated by your publications (appropriate for your career stage). In addition to the application form, you should attach a full CV (including a list of publications) that covers any aspects of your career not covered by the online form, a statement of your research plans over the next five years (two pages maximum) and a brief statement of your teaching interests (one page maximum).

Our preferred method of application is online via our website at: <http://www3.imperial.ac.uk/employment> (Please select "job search" then enter the job title or vacancy reference number **EN20130270AS** "into keywords"). Please complete and upload an application form as directed.

Closing date: 13 November 2013.
Interviews: 5 and 6 December 2013.

Imperial Managers lead by example
(<http://bit.ly/163Lbh7>).

Committed to equality and valuing diversity. We are also an Athena SWAN Silver Award winner, a Stonewall Diversity Champion and a Two Ticks Employer.



FACULTY POSITIONS IN CHEMICAL ENGINEERING

The Ira A. Fulton Schools of Engineering at Arizona State University seek applicants for tenure-track/tenured faculty positions in Chemical Engineering. The successful candidate will complement and add to the program's foundational strength in chemical engineering education while advancing one or more of its key research areas in energy, biomolecular engineering, sustainability, advanced materials and separation technologies. The originality and promise of each candidate's work are higher priorities than the specific area of research. We seek applicants with interests in interdisciplinary teaching and research, and who will connect with pan-university research initiatives like the Biodesign Institute (<http://biodesign.asu.edu>), Lightworks (<http://asulightworks.com>), and the Global Institute of Sustainability (<http://sustainability.asu.edu>). The current openings are intended to broaden our expertise and expand collaborations. The successful candidates will hold an earned Ph.D., or equivalent, in Chemical Engineering or a closely related field. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate's rank. Faculty members are expected to develop an internationally recognized and externally funded research program, develop and teach graduate and undergraduate courses, advise and mentor graduate and undergraduate students, and undertake service activities. Appointments will be at the assistant, associate or full professor rank commensurate with the candidate's experience and accomplishments, beginning January 2014 or August 2014. Review of applications will occur on the 1st and 15th of the month until the search is closed. **To apply, please submit as a single PDF file a current CV, statements describing research and teaching interests and contact information for three references to che.faculty@asu.edu.** For more information or questions about this position, please contact the search committee chair Regents Professor Jerry Lin via email at Jerry.Lin@asu.edu. Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. See ASU's complete non-discrimination statement.

POST DOCTORATE POSITION UNIVERSITY OF PUERTO RICO, MAYAGUEZ

We are looking for candidates with a PhD degree in chemical engineer for a post doctorate position at the Department of Chemical Engineering - University of Puerto Rico, Mayaguez. The candidates must master: in-line NIR applications, statistics, chemometrics, powder processing units, and process modeling and simulation. Must have at least one (1) year of experience working with the control system DeltaV from Emerson Process Management, and integrating digital and analog accessories. Annual salary: \$50,000 plus fringe benefits. **Preferred starting date: October 1, 2013. Send curriculum vitae to carlos.velazquez9@upr.edu before September 15, 2013. We are an equal opportunity employer - M/F/V/I.**

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY (MISSOURI S&T, FORMERLY UNIVERSITY OF MISSOURI-ROLLA)

invites applicants and nominations for one position at the assistant professor tenure-track level (Position #31318). Applicants are expected to have a PhD degree in chemical engineering. The applicant should show outstanding research potential or record. Biochemical and related engineering fields are preferred. Responsibilities include teaching undergraduate and graduate courses and establishing an externally funded, nationally and internationally recognized scholarly research program. **Note: All application materials must have a position reference number for the position that you are applying for in order to be processed.** Applications will be accepted until the positions are filled. The final candidate is required to provide official transcript(s) for any college degree(s) listed in application materials submitted. Copies of transcript(s) must be provided prior to the start of employment. In addition, the final candidate may be required to verify other credentials listed in application materials. Failure to provide official transcript(s) or other required verification may result in the withdrawal of the job offer. Applicants should submit curriculum vitae, a detailed research plan including both short-term and long-term plans and goals, a description of teaching interests and capabilities, and contact information for at least three references. **All application materials, including resume/vita, cover letter, reference letters, portfolio, etc. must be submitted electronically referencing the position number (#31318) to the Missouri University of Science and Technology's Human Resource Office using the following address: hrsinfo@mst.edu. Acceptable electronic formats that can be used include PDF and Word.** Missouri S&T participates in E-Verify. For more information on E-Verify, please contact DHS at: 1-888-464-4218. Females, minorities, and persons with disabilities are encouraged to apply. The Missouri S&T is an affirmative action/equal opportunity employer.

TWO ASSISTANT PROFESSOR POSITIONS LAFAYETTE COLLEGE DEPARTMENT OF CHEMISTRY

Two full-time, tenure-track assistant professor positions are available in July 2014. For one position, we seek an individual with the expertise to teach courses that include quantitative analysis, instrumental analysis and general chemistry. For the second position, we seek an individual who will teach courses that include organic chemistry. Successful candidates will be expected to develop an active research program involving undergraduate students and will contribute to the development and teaching of courses in the Lafayette Common Course of Study. A Ph.D. degree is required, and postdoctoral and teaching experience is preferred. **Additional information about the positions, the Department of Chemistry, and the online application page is at <http://chemistry.lafayette.edu/faculty-positions>.** Applicants should upload a curriculum vitae, statement of teaching expertise and philosophy, a brief (3-4 page) summary of a proposed research program, and arrange for three letters of recommendation to be submitted by the evaluators by October 15, 2013. Lafayette College is committed to creating a diverse community, one that is inclusive and responsive, and is supportive of each and all of its faculty, students, and staff. All members of the College community share a responsibility for creating, maintaining, and developing a learning environment in which difference is valued, equity is sought, and inclusiveness is practiced. Lafayette College is an equal opportunity employer and encourages applications from women and minorities.

FACULTY POSITION ANNOUNCEMENT ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING DEPARTMENT OF VITICULTURE AND ENOLOGY WITH A JOINT APPOINTMENT IN THE DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCES, UNIVERSITY OF CALIFORNIA, DAVIS

The Department of Viticulture and Enology in the College of Agricultural and Environmental Sciences is recruiting an Assistant Professor specializing in chemical engineering with a joint appointment in the Department of Chemical Engineering and Materials Science in the College of Engineering. This is an academic year (9 months) tenure track position. The area of specialization is open; however, the appointee will be expected to develop a research program in chemical engineering with potential application to the wine industry and other related industries. The candidate should have a strong background in basic and applied aspects of chemical engineering, or a related engineering field, with a strong interest in conducting research that will develop innovative new technologies and improve understanding of basic principles underlying food and beverage production, sustainability or quality. Prior experience in viticulture and/or enology is not required. The Department of Viticulture and Enology maintains state-of-the-art research and teaching laboratories in the Robert Mondavi Institute of Wine and Food Science. The community of Davis is minutes from Sacramento, and offers a high quality of life in a University town setting, situated between the Sierra Nevada mountain range and the San Francisco Bay area. **Applicants should submit materials via the following website: <https://recruit.ucdavis.edu/>.** Inquiries can be directed to Dr. David Mills, Search Committee Chair, Department of Viticulture and Enology, One Shields Avenue, University of California, Davis, CA 95616, telephone (530) 754-7821, damills@ucdavis.edu. The position will remain open until filled but to ensure consideration, applications should be received by October 23, 2013. UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.

REGISTRATION IS OPEN!

AIChE Chemical Engineering Online Career Fair, October 8-9, 2013, on the AIChE job board. The online format fits your schedule and your budget. Employers recruiting at the AIChE Annual Meeting can use the online career fair to screen candidates before the conference. Register today and start using benefits immediately.

Jobseekers: Apply for jobs, participate in the anonymous resume bank, take online career sessions.

Employers: Post jobs, search resumes and schedule interviews, reach qualified passive and active jobseekers.

**Learn more. <http://www.aiche.org>
(click Career Resources + Career Fair)**