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POSITIONS OPEN

PROCESS ENGINEERS, AMPAC FINE CHEMICALS

Bachelor's of Science Degree in Chemical Engineering, plus a minimum of 5- 7 years of direct chemical manufacturing experience in a pharmaceutical production environment, familiarity with cGMP requirements and FDA compliance necessary. Experience in working with Chemical Operations. Work will include working with chemicals to produce pharmaceutical intermediates as well as final API's. We are looking for API Manufacturing experience. Knowledge of Q7A. Some experience on the floor e.g., shift supervisor or process demonstrations. Good understanding of cGMPs, validation (process and or cleanout).

Candidate that has been exposed to batch type operations is a plus. We offer competitive salaries, great benefits & relocation assistance. **Please send resumes to katherine.malberg@apfc.com or call HR @ 916-357-6282.**

ACADEMIC OPENINGS

FACULTY OPENINGS IN CHEMICAL AND BIOLOGICAL ENGINEERING AT KOC UNIVERSITY

Applications are being accepted for full-time faculty positions in Chemical and Biological Engineering at the rank of Assistant Professor. However, exceptional candidates at higher ranks will also be considered. Candidates are expected to have a strong background on the fundamentals of chemical engineering and a proven research record at the

international level. Desired research areas include, but are not limited to, bioengineering, molecular engineering, energy, product and process design. KOC University is a private, nonprofit institution located on a modern campus in Rumelifeneri, Istanbul with state-of-the-art laboratory facilities. The University is supported by the Vehbi Koc Foundation, and is committed to the pursuit of excellence in both teaching and research. The medium of instruction is in English. **Applicants should send a CV, a description of the proposed research program (5 year plan), a statement of teaching interests, and the names and addresses of at least three references (preferably with an electronic copy) to: Prof. A. Murat Tekalp, Dean, College of Engineering, KOC University, 34450 Rumelifeneri Yolu, Sariyer, Istanbul, Turkey, E-mail : mtekalp@ku.edu.tr.**



Research Leader (Supervisory Research Chemical Engineer/Chemist/Physical Scientist) Salary Range of \$96,690 to \$147,857

The National Center for Agricultural Utilization Research, Plant Polymer Research Unit (PPL), Peoria, IL, is seeking a permanent full-time Research Leader.

The mission of PPL is to conduct research to convert agricultural products into novel, value-added materials, thus creating expanded markets for agricultural commodities. Research emphasis is on chemical or enzymatic modification of polysaccharides and proteins, bio-based materials, and structure-property relationships of the modified materials. In addition to research responsibilities, the incumbent exercises leadership and line authority over scientists and support personnel assigned to the Unit. The incumbent is responsible for maintaining and enhancing the creativity and productivity of the Unit, hiring personnel and managing the human, fiscal, and physical resources assigned to the Unit, serving as the Unit fund holder, providing technical information and consultation both internal and external to ARS, and ensuring the proper interpretation and reporting of scientific research results and information.

A degree in one of the following fields; chemistry, physical science or chemical engineering is required; in addition to professional knowledge of materials science, polymer extrusion and processing, polymer chemistry and physics, chemical engineering and organic chemistry. Familiarity with instrumental analysis techniques necessary for polymer characterization is required. The ability to plan, conduct and report a personal research program is required. An ability to effectively communicate with stakeholders, cooperators and the general public is required.

To apply, print a copy of vacancy announcement ARS-X11W-0051 from the ARS Careers Website at www.ars.usda.gov/careers and follow the application directions provided. To have a printed copy mailed, call Mike Horn 309-681-6478. U.S. citizenship is required. Applications must be received by February 28, 2011.

USDA/ARS is an equal opportunity employer and provider.

THE CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT AT TULANE UNIVERSITY

seeks candidates with an outstanding record of scholarly, educational and administrative achievement for Department Chair. Tulane has undergone a process of renewal with the formation of a new School of Science and Engineering, presenting significant opportunities for collaboration with the physical and life sciences as well as with the Tulane School of Medicine. All faculty members contribute to a vibrant research environment and to strong teaching that features individualized attention. Funding from all major federal agencies is represented in the departmental research portfolio. Our department plans to grow in faculty and student size. Major additions to laboratory and office space for the department and the Entergy Chair in Clean Energy Engineering are key features of those expansion plans. The department chair will be in a unique position, helping design a department and university that is distinctive in its objectives of research, educational excellence, public service and mission to support a city of great historical importance. Applicants must hold a doctoral degree in Chemical Engineering or related field and be authorized to work in the U.S. We especially encourage applications from women, minorities and persons with disabilities. Tulane is an affirmative action, equal opportunity employer. Applications will be reviewed on a continuing basis until the position is filled. **Please send a cover letter outlining your vision, vita and 5 references (by post or email) to Department Chair Search Committee, Chemical & Biomolecular Engineering Department, 300 Boggs Building, Tulane University, New Orleans, LA 70118. chemeng@tulane.edu.**

UNIVERSITY OF WASHINGTON, FACULTY POSITION ENDOWED PROFESSORSHIP IN BIORESOURCE ENGINEERING— ASSISTANT PROFESSOR

The School of Forest Resources and the Department of Chemical Engineering invite applications for a full-time (100% FTE) tenure-track faculty position to begin Autumn 2011. The position is at the Assistant Professor level. This is a joint faculty position with shared appointments in the Bioresource Science and Engineering program of the School of Forest Resources and the Chemical Engineering department. Applicants with expertise in the production of fuels, chemicals, and materials from biomass will be considered. Preference will be given to candidates with demonstrated capabilities in the areas of catalysis for conversion of biomass to fuels and chemicals and in the manufacture of bio-based materials. A Ph.D. in applied chemistry, chemical engineering, mechanical engineering, material science, or other closely related field is required. University of Washington faculty engage in teaching, research, and service. This position is supported by an endowed professorship from the Weyerhaeuser Company Foundation. The position requires building on the professorship to develop a strong, externally funded research program. **Applicants should submit a packet including: letter of application, curriculum vitae, description of research accomplishments, statement of research interests and plans, statement of teaching interests, and names and contact information of at least 3 professional references. Applications must be submitted to biofuels@uw.edu.**

A full position description is located at <http://www.washington.edu/admin/acadpers/employment.html>. Please contact Rick Gustafson, Professor and Search Committee Chair, at pulp@u.washington.edu, with questions or for additional information. The position will remain open until filled. Review of applications will begin February 1, 2011. The University of Washington is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities, and covered veterans. The University of Washington is an affirmative action, equal opportunity employer.

Visit AIChE'S CareerEngineer Job Board <http://careerengineer.aiche.org> For Additional Employment Opportunities

Employers specifically seek AIChE members due to their commitment to professional excellence. Your AIChE Membership gives you the job-seeking advantage. Some of the many positions you'll see on AIChE's targeted chemical industry job board include:

- Production Chemistry Engineer – BP
- Control Research Engineer – Robert Bosch LLC
- Technology Leader Phosphoric Acid – Jacobs Engineering SA
- Product Safety Specialist – Lubrizol
- Systems Engineering Specialist PWPS – Pratt & Whitney
- Chemical Engineer – Blue Line Corp
- Technical Safety Engineer – Shell
- Technology Team Member – BASF
- Plant Manager – Axel Plastics
- Engineer Hydrogen Technical Orientation Program – Praxair

While on the site, be sure to upload your resume FREE for employers to view and contact you. AIChE member resumes are placed at the top of the list for employers to view first.

ExxonMobil

Taking on the world's toughest energy challenges.™

Member of the Technical Staff Novel Catalytic Chemistry and Engineering

ExxonMobil Research and Engineering Co., a wholly owned subsidiary of Exxon Mobil Corp., has an immediate opening for a Member of the Technical Staff at its Corporate Strategic Research laboratory in Clinton, NJ.

Candidates are sought to fill a research position in the area of Novel Catalytic Chemistry and Engineering. A strong background in discovering and understanding novel catalytic processes is essential. The successful candidate will discover and develop new catalytic processes by performing reactive and physical characterization of catalytic materials and by establishing a detailed understanding of conversion pathways and the methods for their control. Although the primary application fields are related to the production and conversion of hydrocarbons and petrochemicals, the fields of interest also include biofuels, environmental protection, and energy production and storage. Experience with catalytic materials, such as metal oxides/sulfides, supported metals, zeolites and other porous active materials, and their applications are preferred.

The successful candidate will be expected to develop and demonstrate scientific leadership, build strong and productive collaborations internally and with outside research organizations, and contribute to internal and external scientific publications. Excellent communication skills are essential, as collaboration with other science areas, such as materials science, advanced characterization and process engineering is critical for success. A Ph.D. in chemical engineering, materials science or chemistry is required. Candidates at all levels of experience will be considered. Demonstrated track record in discovering novel catalytic processes and a good understanding of the challenges in refining and petrochemicals are a plus.

ExxonMobil offers a competitive compensation and benefits package and a broad range of career opportunities. Please submit your application letter and resume to our website at www.exxonmobil.com/ex and apply to Novel Catalytic Chemistry and Engineering.

ExxonMobil is an Equal Opportunity Employer

TENURED FACULTY POSITION WITH ENDOWED PROFESSORSHIP, UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)

Tenured faculty position with Endowed Professorship: The Chemical and Biomolecular Engineering Department in the Henry Samueli School of Engineering and Applied Science at University of California, Los Angeles (UCLA) is conducting an intensive search for appointment to the Ralph M. Parsons Chair in Chemical Engineering. The individual appointed to this professorship will be a distinguished scholar with a record of outstanding contributions in any focus area of the Chemical and Biomolecular Engineering Department. All qualified applicants are encouraged to apply, including minorities and women. **Applicants or nominations accompanied by the candidate's CV, list of publications and names of three referees should be sent by February 28, 2011 to: Search Committee, Parsons Chair, the Henry Samueli School of Engineering and Applied Science, Boelter Hall 7400, UCLA, 420 Westwood Plaza, Los Angeles, CA 90095.** The University of California, Los Angeles is an Equal Opportunity/Affirmative Action Employer. Contact: Ms. Olivia Edward, 7400 BH, UCLA, Los Angeles, CA 90095, Phone: (310) 206-8245

UNIVERSITY OF WASHINGTON DEPARTMENT OF CHEMICAL ENGINEERING FACULTY POSITION

The Department of Chemical Engineering at the University of Washington invites applications or nominations for a tenure-track faculty position to begin September 16, 2011. The Department is seeking candidates at the level of Associate Professor or higher, although an appointment may be made at the rank of Assistant Professor if circumstances and qualifications warrant. We are a faculty of 15 with 65 graduate students and 130 undergraduates. 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 at the University of Washington. Chemical Engineering plays a leading role in the development of the educational and

research programs and will benefit from a new interdisciplinary research building slated for completion in 2012. Applications in the areas of living systems and biomolecular processes or related fields are preferred. Candidates must demonstrate outstanding potential for high impact research as judged, in part, by their publication record. University of Washington faculty engage in teaching, research, and service. Candidates will be expected to provide innovative and quality teaching that integrates molecular and nanoscale principles in research and education at both the undergraduate and graduate levels. A Ph.D. degree is required. **Please apply online at <http://www.washington.edu/admin/acadpers/ads/aa2694.html> 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 by March 30, 2011, 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.

TO PLACE A RECRUITMENT AD CONTACT:

Denise DeLuca Mallon,

Global Recruitment Sales Manager
at 646-279-2149 or denid@aiche.org



CHEMICAL & BIOMEDICAL ENGINEERING

Instructional Faculty, Assistant Professor or higher

Rochester Institute of Technology (RIT) is in the midst of unprecedented expansion, and has recently approved a new chemical engineering program in the Kate Gleason College of Engineering. RIT is seeking candidates for a tenure track position in Chemical Engineering with an appointment possible at all ranks. RIT has a strong commitment to engineering education and offers a variety of graduate degrees. The new department will initially focus on a five-year BS degree program that includes 15 months of cooperative education, and will prepare students for both industrial careers and graduate-level education. The chemical engineering program will fully participate in an extremely successful multi-disciplinary senior design curriculum required in all engineering disciplines at RIT. Significant opportunities are available to interface with outstanding existing engineering and science programs.

THE COLLEGE/DEPARTMENT:

The Kate Gleason College of Engineering at RIT is the nation's premier career-oriented college of engineering. In addition to the new chemical engineering program, it offers bachelor degree programs in biomedical, computer, electrical, industrial, mechanical and microelectronic engineering, and comprehensive, innovative graduate programs in a range of engineering disciplines, including a broad-based cross-disciplinary doctoral degree in microsystems engineering.

RIT is one of the largest private universities in the U.S., attracting students from all 50 states and more than 90 countries. RIT has been recognized on The Chronicle of Higher Education's Inaugural "Great Colleges to Work For" list.

QUALIFICATIONS:

REQUIRED: Ph.D. in chemical engineering or a related field. Applicants with a terminal degree in a related field must have at least one degree in chemical engineering. Applicants must possess strong written and oral communication skills.

PREFERRED: Evidence of research ability as quantified by refereed publications; prior track record of obtaining external funding; research expertise (PhD thesis or application area) in environmentally benign processes, alternative energy, bio-related processes, or materials engineering; research expertise that supports creation of novel technical electives in program; sufficient knowledge and experience to teach effectively a significant subset of the core courses in chemical engineering; teaching experience; technical work experience in industry or government; ability to contribute in meaningful ways to the university's continuing commitment to cultural diversity, pluralism and individual differences.

APPLICATION INSTRUCTIONS FOR HC35290:

Please apply online at <http://apphrts.com/171281>. Submit via the document upload section of this website the following: 1) letter of interest, which should also include a statement about how you might contribute to the new department both academically and culturally; 2) vita; 3) a clear statement of specific teaching interest and philosophy; 4) an overview of research interest and plan for future development; 5) a statement of career objectives; and 6) the names, addresses, and phone numbers of four references. Review of applications will begin January 1st and will continue until an acceptable candidate is found.

The Rochester Institute of Technology is an equal opportunity/affirmative action employer. All individuals with the ability to contribute in meaningful ways to the university's continuing commitment to cultural diversity, pluralism, and individual differences are encouraged to make application.



THAYER SCHOOL OF
ENGINEERING
AT DARTMOUTH

Tenure-Track Faculty Position in Engineering

The Thayer School of Engineering at Dartmouth seeks to hire a faculty member who can contribute to a distinctive research and education program addressing innovative technological responses to societal energy challenges. The successful candidate will have a doctorate in engineering or a closely related field, will show promise of leading an externally-funded research program targeting transformational advances in energy conversion and/or utilization, and will be a gifted teacher with motivation and expertise that complements Thayer School's interdisciplinary approach to engineering education. All fields of engineering will be considered, but priority will be given to applicants from chemical, environmental, biological, and materials engineering. Applications of interest include but are not limited to solar electricity generation, energy storage, advanced materials promoting efficient energy conversion and utilization (e.g., in the wind energy or automotive fields), fuel cells, gasification, reforming, and upgrading of fuels, applied catalysis and reactor design enabling large energy benefits, nuclear energy, innovative biologically-based energy conversion processes, and carbon capture and sequestration. A hire at the Assistant Professor rank is anticipated, although outstanding candidates at the Associate Professor level will be considered.

Review of applications will begin immediately and will continue until the position is filled, with interview visits anticipated in March and April of 2011. A complete CV, statement of research and teaching interests, and contact information for three references should be sent to: Prof. Lee R. Lynd, Energy Search Committee Chair, Thayer School of Engineering at Dartmouth College, 8000 Cummings Hall, Hanover NH 03755-8000 or by email at energy.faculty.search@dartmouth.edu.

Dartmouth is an equal opportunity/affirmative action employer
and has a strong commitment to diversity.

engineering.dartmouth.edu

Don't chase your dreams. Lead them.

At Dow Corning, you won't just find your dream job; you'll have the opportunity to make it.

As a Dow Corning employee, you'll have the freedom to chart your own path. And you'll achieve a work-life balance that encourages you to grow personally as well as professionally.

Dow Corning is looking for leaders in several areas. These positions offer exciting opportunities.

➔ Film Technology Program Leader

Dow Corning's Business and Technology Incubator (B&TI) in Midland, Michigan, is a dynamic group charged with developing new large business opportunities for Dow Corning's future growth. Science & Technology program leaders provide technical direction and leadership in developing and launching innovative new technologies and products.

➔ Product Development Team Leader

The Solar Module Materials team leader will direct a team of product development scientists and technicians focused on developing a series of innovative silicon-based products for the rapidly expanding solar market.

➔ Application Engineering Manager

Apply business acumen and industry expertise to build market strategies that result in growth and differentiation of Dow Corning in the market. Shape and define the portfolio of projects and functional deliverables that carry out the market strategy.

➔ IP Strategy Leader

The Science & Technology IP strategy leader will lead the maintenance and growth of the intellectual assets of the market business unit (MBU). This role is a critical part of the S&T organization. Responsibilities will include identification of the assets, developing strategies for protecting and utilizing the assets, and implementing the strategies.

➔ Global Market Segment Leader

The global market segment leader creates, recommends and executes a strategy and plan supporting a range of wide band gap semiconductor technology and product development and commercialization.

➔ Conductive Development Platform Leader

This position is responsible for the leadership of the Electronics Global Conductive Product Development organization. Leads product development to deliver sustainable growth aligned with Thermal MM strategy.

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المعهد البتروال
THE PETROLEUM INSTITUTE
Abu Dhabi, UAE

FACULTY & ACADEMIC STAFF
Chemical Engineering

Chemical Engineering Department
is seeking applications for the following positions:

Chaired Professor, Distinguished Professor
Professor, Associate Professor, Assistant Professor
Laboratory Technician

Department faculty will be expected to teach undergraduate and graduate courses, develop an active research program, and to engage in professional and institutional service activities. Opportunities to interact with PI industrial stakeholders and other local industries will be a key feature in the development of a research program.

Institution: The Petroleum Institute (PI) was created in 2001 with the goal of establishing itself as a world-class institution in engineering education and research in areas of significance to the oil and gas and the broader energy industries. The PI's sponsors and affiliates include Abu Dhabi National Oil Company and several major international oil companies, namely Shell, BP, Jodco and Total. The campus has modern instructional laboratories and classroom facilities and is now in the planning phase of three major research centers on its campus. For additional information, please refer to the PI website: www.pi.ac.ae.

Interested candidates should submit all materials online:
<http://www.pi.ac.ae/jobs>
The deadline for application is 1st March 2011.

Only short-listed applicants will be notified.
Successful applicants should be available to take up post in the 2011-2012 academic year.



المعهد البتروال
THE PETROLEUM INSTITUTE
Abu Dhabi, UAE

GRADUATE PROGRAM
Chemical Engineering

Chemical Engineering Department
is seeking applications for:

- Graduate Fellowship Program
- Masters (Part-time) Program

If you are a recent graduate from a well recognized institute and would like to pursue a **Master of Engineering** (practice oriented) degree, or a **Master of Science** (research oriented) degree, you are invited to apply for admission to fall 2011 & spring 2012.

Institution: The Petroleum Institute (PI) was created in 2001 with the goal of establishing itself as a world-class institution in engineering education and research in areas of significance to the oil and gas and the broader energy industries. The PI's sponsors and affiliates include Abu Dhabi National Oil Company and several major international oil companies, namely Shell, BP, Jodco and Total. The campus has modern instructional laboratories and classroom facilities and is now in the planning phase of three major research centers on its campus. For additional information, please refer to the PI website: www.pi.ac.ae.

Application Deadlines:
Fall semester - 01 April
Spring semester - 01 October

For details on the graduate programs and to submit your application, please go to:
http://www.pi.ac.ae/PI_ACA/gpg/index.php



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