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POSITIONS AVAILABLE

LAB MANAGER IN TULSA

Responsible for sample analysis, project preparation & lab supply. Msc. Industrial Engineering & Management. **Res. To: Air Hygiene International, Inc., with resume, employment@airhygiene.com.**

ACADEMIC OPENINGS

RESEARCH ASSOCIATE POSITIONS AT THE NEW JERSEY CENTER FOR MICROCHEMICAL SYSTEMS, STEVENS INSTITUTE OF TECHNOLOGY

The New Jersey Center for Microchemical Systems (NJCMCS) at the Department of Chemical Engineering and Materials Science (CEMS), Stevens Institute of Technology invites applications for three research associate positions that are available immediately. These positions are related to recently awarded grants in the areas of: (1) thermochemical conversion of biomass to biofuel and (2) microfluidic-based self-assembly of nanocomposite materials. NJCMCS, a research-active center at Stevens was founded in 2002, and has received to date approximately \$12M in funding in the design, evaluation and demonstration of microreactor and microfluidic systems for various applications including nanomaterial synthesis and biofuel production. For the biofuel production research, applicants should have a Ph.D. in Chemical Engineering or a related discipline with research experience in experimental reaction engineering and catalysis. For the nanomaterial research, applicants with expertise in microfluidics or nanomaterial self-assembly are encouraged to apply. Applications will be accepted until the positions are filled. **Applicants should submit a**

curriculum vitae, with a detailed research experience, and contact information for at least three references to: Professor Adeniyi Lawal, email: alawal@stevens.edu, Department of Chemical Engineering and Materials Science, Stevens Institute of Technology, 1 Castle Point Terrace, Hoboken, New Jersey 07030. Stevens Institute of Technology is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

CHEMICAL ENGINEERING FACULTY - ANALYTICAL CHEMISTRY THE HIGHER COLLEGES OF TECHNOLOGY, UNITED ARAB EMIRATES

The Higher Colleges of Technology (HCT) is a system of 16 campuses located in 7 major centers in the United Arab Emirates, one of the most progressive and modern countries in the Middle East. The language of instruction is English and programs are provided to world class standards. Our departments are populated with faculty who are adventurous and modern thinkers, who seek both stability and new horizons, and who want to make a difference. It is an environment that both desires and produces excellence. HCT invites applications for the following: Chemical Engineering Faculty - Analytical Chemistry. The Department of Chemical Engineering at Abu Dhabi Men's College is seeking applicants for a Chemical Engineering (Analytical Chemistry) faculty position. Applicants must be committed to excellence in education and have sound experience in teaching within a higher education institution as well as related industry experience in the field of chemistry. Primary responsibilities will be: Applying appropriate strategies to ensure effective student learning; providing a learner centered environment in which students are encouraged to achieve their maximum potential; reviewing courses and programs to ensure continued relevance and quality improvement of curricula; monitoring student progress through the application of assessment strategies that support appropriate feedback and skills development. **Visit <http://careerengineer.aiche.org> to view and apply for this position on the job board.**

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:

- * Process Control Engineer - BP
- * Director of Engineering - Neumann Systems Group
- * Technical Manager - Avery Dennison
- * Consulting Engineer, Coking - Tesoro Companies
- * Process Engineer - Rohm & Haas
- * Product Development Engineer - Frito-Lay
- * Process Safety Subject Matter Expert - Bayer CropScience

While on the site, be sure to upload your resume **FREE** for employers to view and contact you.

OHIO RESEARCH SCHOLAR ENDOWED CHAIR IN MULTISCALE COMPOSITES PROCESSING

The Department of Chemical and Materials Engineering at the University of Dayton invites applications from outstanding, internationally recognized faculty candidates and researchers at the senior level to fill an Endowed Chair in Multiscale Composites Processing. This Ohio Research Scholar position is one of several newly created endowed chairs that are part of a multi-university, statewide initiative formed under the Ohio Research Scholars Program (ORSP). This position is an integral part of a research cluster of excellence in technology-enabling and emergent materials. The successful candidate is expected to have a profound, leadership impact on the research cluster's activities, visibility, recognized scholarship and collaborations. The Scholars position at UD will have expertise in polymer-based structural composite processing, crucial to bridge the gap between synthesis and commercialization. The Scholar will focus on scalable processing technologies for intrinsically multifunctional structural composites. The successful candidate will possess a doctorate in materials science/engineering, chemical/process engineering, or a closely related discipline and have an established record of at least 10 years of innovative, interdisciplinary composites processing, materials engineering, or process engineering research commensurate with appointment at the rank of Full Professor. UD offers a competitive salary, attractive fringe benefits and a generous start-up package. **Please visit the following website for a complete description of the position, requirements and application instructions:** <http://provost.udayton.edu/facpositions/CME%20endowed%2012-08.htm>. The University of Dayton, a comprehensive Catholic University founded by the Society of Mary in 1850, is an Affirmative Action/Equal Opportunity Employer. Women, minorities, individuals with disabilities, and veterans are strongly encouraged to apply. The University of Dayton is firmly committed to the principle of diversity.

FACULTY POSITIONS, WATER & ENVIRONMENT PROGRAM MASDAR INSTITUTE OF SCIENCE AND TECHNOLOGY

The Masdar Institute of Science and Technology, located in Abu Dhabi, U.A.E., is a private, not-for-profit, independent, graduate-level, research-driven institute developed with the support and cooperation of the Massachusetts Institute of Technology (MIT). Starting Fall 2009, the Institute will offer graduate degree programs in science and engineering disciplines with a focus on advanced energy and sustainable technologies (for more information, visit www.masdar.ac.ae and <http://web.mit.edu/mit-tdp/www/>). The Water & Environment Program at Masdar Institute has full-time open-rank (i.e., Full, Associate, or Assistant Professor) faculty positions in the specialty area of advanced water production technologies. Sub-areas of interest in this specialty include membrane-based desalination technologies (e.g., Brackish Water Reverse Osmosis [BWRO], Sea Water Reverse Osmosis [SWRO], Dual-Stage NanoFiltration [NF/NF], Forward Osmosis [FO], and hybrid thermal/membrane technologies such as Membrane Distillation [MD]), processes involving specialty water production for industry (i.e., production of UltraPure Water [UPW], microelectronics rinse water, or United States Pharmacopeia [USP] grade water) and water production/recovery from industrial and municipal wastewaters (e.g. RO/Deionization, ceramic membrane modules, external and submerged Membrane BioReactors [MBRs], fouling-resistant hydrophobic membrane modules), and advanced water treatment process design with the goal of zero liquid discharge (ZLD). Job responsibilities include developing and teaching graduate-level courses, supervising master's and doctoral students, developing an externally funded research program, and participating in the Institute's service and outreach activities. A PhD in Civil/Environmental Engineering, Chemical Engineering, Mechanical Engineering, or a related discipline is required for this position. Post-doctoral or industrial research experience is a plus. Application submittal information: Faculty candidates will be evaluated by the Masdar Institute and by the Technology and Development Program at MIT. Initial screening of applications will begin immediately and the positions will remain open until filled. Application materials should include applicant name and contact information, a curriculum vitae, an application letter describing the applicant's current position and how his/her experience matches the position requirements, and e-mail contact information for three references. **Materials must be submitted electronically to: Dr. Marwan Khraisheh, Acting Provost and Co-Chair, Faculty Search Committee for Masdar Institute, Masdar Institute of Science**

and Technology, Abu Dhabi, United Arab Emirates (e-mail: mkhraisheh@mist.ac.ae). Electronic copies of all application materials should also be submitted to: **Professor Fred Moavenzadeh, Co-Chair, Faculty Search Committee for Masdar Institute, Technology and Development Program Massachusetts Institute of Technology (e-mail: tdpmail@mit.edu).**

FACULTY POSITION IN CHEMICAL ENGINEERING HOWARD UNIVERSITY, WASHINGTON, DC

[HTTP://WWW.HOWARD.EDU/CEACS/DEPARTMENTS/CHEMICAL/](http://www.howard.edu/ceacs/departments/chemical/) Chemical Engineering Department at Howard University invites applications for a tenure-track position at the assistant professor level. The department seeks individuals with outstanding academic records, who are dedicated to excellence in education and research. Current faculty members are actively engaged in funded research in the areas of biochemical engineering, environmental engineering, reaction engineering, fuel cells, energy systems analysis, nanomaterials and nanotechnology. The department is seeking to expand its depth and enhance research capabilities in the broad areas related to biomolecular engineering. Candidates with research interests in other areas of chemical engineering will also be considered and are encouraged to apply. Successful candidates are expected to develop a nationally recognized program of externally funded research and demonstrate a strong commitment to undergraduate and graduate education and research. **Applications should include a letter of application, accompanied by: (i) a complete curriculum vitae, (ii) a statement of research and teaching interests, (iii) names and contact information of four references familiar with the candidate's research and teaching abilities, and (iv) copies of pertinent publications.** Correspondence should be addressed to: **The Chair, Faculty Search Committee, Chemical Engineering Department, Howard University, 2300 6th St. NW, Washington, DC 20059. (E-mail: jannon@howard.edu).** Screening of applicants will start immediately and continue until the position is filled. Howard University is an Equal Opportunity Employer.

Endowed Energy Research Chairs

University of Central Florida's

FLORIDA SOLAR ENERGY CENTER[®]



Creating Energy Independence

The Florida Solar Energy Center (FSEC) invites applications or nominations for three endowed energy research chairs in the areas of: photovoltaic device research, alternative fuels (hydrogen or thermo-chemical conversion of biomass), batteries, energy storage or PEM Fuel Cells. Chairs will lead University of Central Florida's energy faculty toward energy independence for Florida and the nation.

FSEC is the largest and most active state-supported renewable energy and energy efficiency research institution in the U.S. FSEC is located in a state-of-the-art 15-acre office and laboratory complex, including 25,000 ft² of laboratory space with an additional 12,000 ft² under development.

Visit our site for more information:

<http://www.fsec.ucf.edu/en/research/>

Endowed chair and multiple faculty openings can be seen at:

www.floridaenergycenter.org/go/jobs

Review of candidates will begin on March 15, 2009 and will continue until all positions are filled. Send letter (electronic preferred) and curriculum vitae, summaries of research, teaching and other relevant experience to:

Director, Florida Solar Energy Center,
1679 Clearlake Road, Cocoa, FL 32922
(please e-mail to FacultySrhc@fsec.ucf.edu).

The University of Central Florida hires U.S. citizens and lawfully authorized alien workers who can prove employment eligibility within three days after hire. As an agency of the State of Florida, UCF makes all search records, including transcripts, available for public review. UCF is an Equal Opportunity/ Equal Access/Affirmative Action Employer.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING FACULTY POSITIONS

The Department of Chemical and Biomolecular Engineering (CBME) at the Hong Kong University of Science and Technology is inviting applications for tenure-track faculty positions at the Assistant Professor rank. Higher ranks may be considered only for truly meritorious cases. Applicants should have a PhD degree in chemical engineering or related fields. Outstanding candidates from any chemical engineering research area will be considered. Preference, however, will be given to those with a proven record in bioengineering research and, in particular, research areas consistent with the Departmental strategic plan, namely: (1) Pharmaceutical Engineering (Bioprocess Engineering); (2) Metabolic Engineering and experimental system/synthetic biology (Biosystems Engineering). The successful candidates are expected to be able to develop strong, independent and innovative research programs, and be capable of teaching chemical and biomolecular engineering courses at both undergraduate and postgraduate levels. Salary is highly competitive with generous fringe benefits. Initial appointment will normally be on a three year contract, renewable subject to mutual agreement. A gratuity will be payable upon successful completion of a contract. **Applications together with curriculum vitae, research and teaching plans, and the names and addresses of three referees should be sent to: Dr. I-Ming Hsing, Search Committee Chair (email: cbmehire@ust.hk), Department of Chemical and Biomolecular Engineering, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong.** Applications will be reviewed beginning 27 April, 2009 and will continue until suitable appointment is made. For further details of the Department and its current research activities, please refer to www.cbme.ust.hk. (Information provided by applicants will be used for recruitment and other employment-related purposes.)

THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING AT THE UNIVERSITY OF ALABAMA seeks applications and nominations for two Associate/Assistant Professor positions, with a start date as early as August 2009. We are seeking applicants that will develop a nationally competitive research program in Chemical & Biological Engineering. It is expected that the successful candidates will work with interdisciplinary colleagues in UA's chemistry, biological sciences, and engineering departments in developing and sustaining their research program. The successful candidates must have a balanced perspective on research and instruction. Teaching at both graduate and undergraduate levels is essential. Applicants must hold a doctoral degree in chemical engineering or a closely related field, and must be a U.S. citizen or a person authorized to work in the U.S. UA's Chemical and Biological Engineering Department offers B.S., M.S., and Ph.D. degrees, and currently consists of 270 undergraduate students, 20 graduate students, and 10 faculty. Sponsored research projects currently exceed \$2 million. The department plays a leading role in the College of Engineering's research and educational mission. For more information on the department, see our website: che.eng.ua.edu. **Interested persons should submit a letter of application, a curriculum vita, a brief description of research and teaching interests and plans, and the names of three references to: Chair, Faculty Search Committee, Department of Chemical & Biological Engineering, The University of Alabama, Box 870203, Tuscaloosa, AL 35487-0203, Telephone (205) 348-6452, Fax (205) 348-7558, E-mail: tklein@eng.ua.edu.** Review of applications will begin on March 15, 2009 and will continue until the position is filled. The University of Alabama is an equal opportunity/ affirmative action, Title IX, Section 504, ADA employer.

ENDOWED CHAIR SEARCH: RENEWABLE FUELS, UNIVERSITY OF SOUTH CAROLINA

The College of Engineering and Computing at the University of South Carolina seeks to hire a senior academic leader with research and teaching expertise in the area of renewable fuels, with particular emphasis on catalysis for renewable fuels. This individual will occupy a newly established Endowed Chair and serve as Director of the Center for Renewable Fuels. This Center has an endowment of \$4.2M. The holder of the Endowed Chair is expected to maintain an internationally recognized research program and to interact with industry, federal and state agencies. His/her record of achievement should be consistent with the granting of tenure at the rank of Professor in the Department of Chemical Engineering. The Department has 18 tenured/tenure-track faculty, 10 research faculty, and over 60 PhD students. Its research expenditures exceed \$5.5 million annually, placing it in the top 20 in the NSF/C&E News rankings of research activity. **Applicants are requested to submit with their letter of application an academic vitae, names of three references, and a statement of their qualifications in leading this research and educational effort to: College of Engineering and Computing, Swearingen Engineering Center, University of South Carolina, Columbia, SC 29208 or electronically to wofforcs@cec.sc.edu.** Review of applications will begin immediately and will continue until the positions are filled. 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.

RECRUITMENT ADVERTISING INFORMATION

Classifications:

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Published monthly

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Closing date for April 2009 issue is March 11, 2009.

Rates:

Word ads are \$4/word (conjunctions not counted). Simply e-mail a word document to denid@aiiche.org. Contact 646-279-2149 or denid@aiiche.org for classified display ad rates and guidelines for submittal.

Web posting:

Classified advertisers receive a \$200/month discount off the normal \$400/month rate to post on CareerEngineer, AIChE's recruiting web site specifically for chemical industry professionals, if a print ad is run in the same month.
<http://careerengineer.aiiche.org>

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