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POSITIONS AVAILABLE

ALTAMIRA INSTRUMENTS PRODUCT DEVELOPMENT ENGINEER

Growing scientific instruments manufacturing co. (Pittsburgh, PA) seeks product development engineers to engage in instrument design and software development of new products & improve existing products. Manage the design, production, testing and installation of company products. Estimate production cost and generate production progress reports for management. Experience with catalyst characterization required. MSChE preferred.

Send 2 resumes to HR, Altamira Instruments, 149 Delta Drive, Pittsburgh, PA 15238.

Studsvik Sr. Engineer

Studsvik, Inc., Atlanta, GA, is an international company which has 60 years experience of nuclear technology and radiological services. Studsvik is a market leader in terms of waste treatment in both the European and US markets.

Technical expertise and leadership in the areas of design, construction, testing, operation and maintenance of fluid bed reactors required. Serves as technical expert and resource in the execution of projects addressing complex waste problems.

Bachelor's degree required. An MS in CE preferred. 15 years minimum experience with demonstrated expertise in fluid bed technology necessary. Previous experience in the fields of nuclear, hazardous waste or chemical process essential. Foreign language competence highly desired.

View open position, application instructions and benefits package at www.studsvik.com. EOE / AA.

ACADEMIC OPENINGS

FACULTY RECRUITING IN CHEMICAL ENGINEERING THE UNIVERSITY OF TEXAS AT AUSTIN.

The Department of Chemical Engineering seeks outstanding applicants for a tenure-track faculty position at the Assistant Professor level. A Ph.D. is required and applicants must have an outstanding record of research accomplishments and a strong interest in undergraduate and graduate teaching. The Department is especially interested in applicants with research and teaching interests in the areas of energy sciences, but exceptional candidates in any area of chemical engineering are also encouraged to apply. Applications from women and minorities are strongly encouraged. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a research program, collaborate with other faculty, and be involved in service to the university and the profession. **Interested persons should submit in electronic form a detailed curriculum vitae including academic and professional experience, statements regarding their teaching philosophy and research plans, a list of peer reviewed publications and other technical papers, and the names, address and**

telephone numbers of three or more references to: Chair, Department of Chemical Engineering, The University of Texas at Austin, Austin, TX 78712-0231 (chefaculty-search@che.utexas.edu). Scheduling for interviews will begin in late November 2009. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF NOTRE DAME CHEMICAL & BIOMOLECULAR ENGINEERING FACULTY OPENINGS

The Department of Chemical & Biomolecular Engineering at the University of Notre Dame is pleased to announce openings for tenured or tenure-track faculty at any rank. A Ph.D. or equivalent degree is required. All research fields are welcome. Applicants should have developed, or show potential for development of, an outstanding research program and possess a strong commitment to graduate and undergraduate education. **Applicants should send a pdf file of their curriculum vitae, statement of teaching and research interests and the names and complete addresses of at least four references to: CBEopen@nd.edu.** Please direct any questions to mjm@nd.edu. Notre Dame is an equal opportunity/affirmative action 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:

- R&D Assoc. II / Assoc. Scientist I – MedImmune
- Research Scientist III, Probabilistic Risk Assessment (PRA) – Pacific Northwest National Lab
- Analytical Chemistry Research Technician – National Renewable Energy Lab (NREL)
- Technical Specialist – Adhesive Applications / Coating Technologies – BASF, The Chemical Company
- Principal Tech. Scientist – Flavor - Wm. Wrigley Jr. Company
- Environmental Engineer – First Environment Inc.
- Sr. Research Scientist – Staff Scientist – Chemical Processes – Nalco Company
- Postdoctoral Appointee Synthetic Polymer Chemist – Sandia National Lab
- Business Development Manager – Exclusive Synthesis (Custom Manufacturing for Established & Virtual Pharmaceutical Companies) – Evonik Degussa Corporation

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

THE JOSEPH H. COLLIE DISTINGUISHED VISITING PROFESSORSHIP AT VIRGINIA TECH

The Department of Chemical Engineering at Virginia Tech is seeking to fill the Joseph H. Collie Distinguished Visiting Professorship. The Collie Professorship requires expertise in the broad area of chemicals distribution management. This could include, but is not limited to, modeling and optimization of material distribution networks, developing strategies for chemical marketing, and understanding and analyzing the global chemical business. Candidates should have demonstrated expertise in one of these areas as evidenced by a successful academic record or distinguished accomplishments in a nonacademic environment. The Professorship is ideally suited for engineers or executives from industry interested in a short-term academic appointment, or a faculty member on sabbatical leave. The holder of the Collie Chair will be expected to teach an undergraduate elective course in the general area of chemicals distribution management, plus advise undergraduate students about opportunities in this area. Research collaborations with current faculty in the department are encouraged. Appointments varying from one semester to three years are possible, depending on the interests of the candidate. **Interested individuals should apply on-line at www.jobs.vt.edu (refer to posting # 090315) and submit a cover letter describing their interest in the position, an academic or professional resume, and the names and current contact information of three professional references.** For more details visit

<http://www.che.vt.edu/> or contact Prof. David Cox, Faculty Search Committee, Department of Chemical Engineering, Virginia Tech, Blacksburg, VA 24061. Review of applications will begin in October 2009. The search will remain open until the position is filled. Female and minority applicants are especially encouraged to apply. Virginia Tech is an Equal Opportunity/Affirmative Action employer.

FACULTY POSITION DEPARTMENT OF CHEMICAL & BIOMEDICAL ENGINEERING UNIVERSITY OF SOUTH FLORIDA

The Department of Chemical & Biomedical Engineering invites applications and nominations for an Assistant Professor tenure-track faculty position in the area of biomedical engineering starting August 2010. The new faculty member must have an earned Ph.D. in Chemical Engineering, Biomedical Engineering or a related field. Candidates with research interests in areas such as biomedical devices, cellular/tissue engineering, biomaterials and biological transport processes are encouraged to apply. The ChBME Department at USF is expanding its biomedical engineering thrust to include application of chemical engineering and chemical engineering science to biological and biomedical systems. The department also intends to blend biomedical engineering content into its B.S. program in Chemical Engineering. Applicants are expected to contribute to that effort as well as strengthen the Department's graduate course offering in biomedical engineering

topics. Applications from women and minorities are strongly encouraged. The University of South Florida System is one of the nation's top 63 public research universities and one of 39 community-engaged, four-year public universities as designated by the Carnegie Foundation for the Advancement of Teaching. The University of South Florida placed among the nation's top 20 "up and coming universities" in the 2009 *U.S. News & World Report* annual college rankings. USF was awarded \$380.4 million in research contracts and grants in FY 2008/2009. The system offers 232 degree programs at the undergraduate, graduate, specialist and doctoral levels, including the doctor of medicine. It has a \$1.8 billion annual budget, an annual economic impact of \$3.2 billion, and serves more than 47,000 students on institutions/campuses in Tampa, St. Petersburg, Sarasota-Manatee and Lakeland. USF is a member of the Big East Athletic Conference. The new faculty member is expected to develop a nationally and internationally recognized program of externally funded research and demonstrate a strong commitment to excellence in undergraduate and graduate education. The Chemical Engineering program is ABET accredited and offers degrees at all levels. The Biomedical Engineering program offers MS and Ph.D. degrees. Further information on the department can be found at <http://che.eng.usf.edu>. **Applicants must submit their application, with its supporting documentation directly to <https://employment.usf.edu>. Applications cannot be accepted by any other mechanism. Please include 3-5 references, a statement of research and teaching interests, and reprints or web links to at least three publications.** Full considerations will be given to applications received by January 4, 2010. USF is an equal opportunity/equal access/affirmative action institution.



FACULTY POSITIONS

Milwaukee School of Engineering is launching a new undergraduate program in BioMolecular Engineering in the fall of 2009 and we are committed to build our faculty with several new hires over the next 5 years. We are currently inviting applicants for two positions starting no later than September 2010. These two individuals are expected to be major contributors to the development of the new program. The candidates should also have a commitment and ability to teach all levels of undergraduate biology, chemistry or physics. A Ph.D. in an engineering field, with aptitude to develop and teach courses in the areas of Bioinformatics, Proteomics, Metabolic Engineering, or Synthetic Biology, along with the computational and experimental lab skills to work at the biomolecular and nano scales are required. Industrial or postdoctoral experience in one of the above areas is desirable. Initial appointments are expected to be at the Assistant Professor level, but applications from senior candidates may be considered for higher rank.

MSOE is a private, application-orientated university with programs in engineering, engineering technology, technical communication, business, construction management and nursing. Primarily a 4-year undergraduate institution, we emphasize excellence in teaching. Applied research involving undergraduate students, and consulting, are encouraged.

Complete applications, including a letter of interest, CV, a brief statement of teaching philosophy and three letters of recommendation, should be submitted to

Dr. M. Kaltchev (kaltchev@msoe.edu)
Chair, Department of Physics and Chemistry,
Milwaukee School of Engineering
1025 N. Broadway
Milwaukee, WI 53202.
www.msoe.edu.

The selection process will continue until the positions are filled.

TEXAS A&M UNIVERSITY

The Artie McFerrin Department of Chemical Engineering at Texas A&M University (<http://che.tamu.edu/>) invites applications for one tenured or tenure-track faculty position at the Assistant Professor, Associate Professor, or Professor rank. Specific areas of interest include, but are not limited to, process systems engineering, bioprocess engineering, energy, and catalysis. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to teach at the undergraduate and graduate levels. The Department is housed in a new 205,000 square foot facility, has 30 full-time faculty and 140 graduate students, and has over \$20 million in endowments. Candidates applying for this position must have a Ph.D. in Chemical Engineering or in a closely-related field. **Applications with curriculum vita, including research and teaching interests, a statement of research plans, copies of selected publications, and names of three references should be sent to Professor Juergen Hahn, Artie McFerrin Department Of Chemical Engineering, 3122 TAMU, Texas A&M University, College Station, TX 77843-3122.** Applications will be considered until the positions are filled. Texas A&M University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Candidates from under-represented groups are strongly encouraged to apply.



University of Pittsburgh
Department of Otolaryngology

**TENURE TRACK POSITION FOR AN ENGINEERING
SCIENTIST WITH AN INTEREST IN BIOMEDICAL
RESEARCH**

The Department of Otolaryngology at the University of Pittsburgh School of Medicine is seeking an engineering scientist with an expertise in fluid dynamics, biomechanics or computer modeling and an interest in middle-ear disease (otitis media). The position will be part of a nationally recognized team of scientists and physicians conducting research in middle-ear diseases.

Diseases of the middle ear are a major public health problem and are often related to eustachian tube dysfunction. Ongoing research includes a mix of clinical, biological and analytical techniques to better understand and treat middle-ear disease. This research program has been continuously funded by the NIH for over 30 years and has an international reputation for contributions to our understanding of the eustachian tube in health and disease. An ambitious, talented individual with an engineering background is needed for the future. The candidate does not necessarily require a background in either otitis media or eustachian tube function. The candidate should have a PhD in Biomedical Engineering, Mechanical Engineering, or equivalent. The position will be tenure-track in the School of Medicine and a joint appointment in the Swanson School of Engineering, with the rank being dependent upon the candidate's training and experience. We are looking to fill the position in or around September 2010.

This is an ideal opportunity for an engineering scientist to become a leader in medical research in an important disease in which there historically has been little input from engineers.

Interested candidates should send a CV and letter of interest to:

Jonas T. Johnson, MD
Eugene N. Myers Professor and Chairman of Otolaryngology
University of Pittsburgh School of Medicine ▪ Department of Otolaryngology
Eye & Ear Institute, Suite 500 ▪ 200 Lothrop Street, Pittsburgh, PA 15213
Fax: (412) 647-2080 ▪ E-mail: phillipsmm3@upmc.edu

The University of Pittsburgh School of Medicine is an affirmative action and equal opportunity employer

ENDOWED FACULTY CHAIR IN THE ENERGY SCIENCES, LEHIGH UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at Lehigh University seeks nominations and applications for the Anderson Endowed Faculty Chair position in the broad field of Energy Sciences that includes, but is not restricted to, the general areas of Energy Systems, Chemical Processing, Optimization, Reaction Engineering, Separation Science, Biocatalysis, Photovoltaics, Biofuels and the Environment. Nominees / applicants should have an exceptional record of achievements in research, teaching, supervision and service. Lehigh has a strong tradition of interdisciplinary activities, and joint appointments with other departments are possible. The successful candidate will be expected to develop a strong, externally funded research program with significant potential for interdisciplinary research with national impact, and will be expected to be a leader in campus-wide Energy and Environmental Initiatives. Excellence in undergraduate and graduate teaching and the integration of research and education are core values of Lehigh's mission. This is a senior appointment to an endowed chair position. **Candidates should send electronically a cover letter highlighting their main achievements, a curriculum vitae, a detailed statement of research and teaching plans, and the names and addresses of four (4) references to energysearch@lehigh.edu. Applications should be addressed to: Professor Anthony J. McHugh, Chair of the Energy Sciences Search Committee, Department of Chemical Engineering, Lehigh University.** Review of applications will begin immediately, but applications will be considered until the position is filled. Information on the Department and Lehigh University can be found at <http://www.che.lehigh.edu/blog/>. Lehigh University is an Affirmative Action/ Equal Opportunity Employer. Lehigh University is committed to recruiting, retaining and tenuring women and members of minority groups.

BROWN UNIVERSITY TENURE-TRACK FACULTY POSITION MICRO- AND NANO-SCALE FLUID MECHANICS AND/OR ENERGY SCIENCES

The Division of Engineering at Brown University invites applications for a tenure-track or tenured faculty position in the general areas of Micro- and Nano-scale Fluid Mechanics and/or Micro- and Nano-scale Energy Sciences. Candidates should have, at minimum, a PhD in Engineering, Physics, or related field and should have demonstrable potential for outstanding research and teaching. Appointment at the level of Assistant Professor is expected, although appointment at the level of Associate Professor or Professor is possible for a candidate with exceptional achievement and potential. Potential for interactions with other disciplines in the physical and biological sciences will be considered an asset. A start date of July 1, 2010 is preferred. **All candidates should send a complete curriculum vitae, and a short (2-3 page) description of research plans and teaching interests to the search committee's administrative assistant, Mr. Jeff Brown, Division of Engineering, Brown University, 182 Hope Street, Providence, RI 02912, USA. Applicants for an Assistant Professor position should arrange to have three letters of reference sent to the Search Committee (c/o Jeff Brown). Candidates for a tenured position should provide the names of at least five references from whom letters can be solicited.** To guarantee full consideration, all application materials should be received by Monday January 4, 2010. However, applications will be accepted until the position is filled or the search is terminated. Women, and candidates who are members of minority groups, are encouraged to apply. Brown University is an Equal Opportunity Affirmative Action employer.

STEVENS INSTITUTE OF TECHNOLOGY TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING

Stevens Institute of Technology announces a tenure-track faculty opening in the Department of Chemical Engineering and Materials Science (CEMS). Regarded as one of the most accomplished departments at Stevens, CEMS has its research centered on problems broadly related to energy, health care, and defense. Annual externally funded research expenditure is about \$3M. Applicants should have a Ph.D. in Chemical Engineering or a related discipline. While all relevant areas will be considered, priority will be given to candidates with research interests in biotechnology, alternative energy, pharmaceutical process engineering, and multi-scale phenomena in biologically active materials and systems. Successful applicants will be expected to develop strong extramurally funded research activities and show a clear commitment to both graduate and undergraduate training in a highly integrated and interdisciplinary environment. The search is open to applicants for all the academic ranks, depending on the

experiences, records of accomplishment, and national and international recognition. **Applications will be accepted until the position is filled. Applicants should submit a curriculum vitae, a detailed research plan including both short-term and long-term professional goals, a description of teaching interests, and contact information for at least three references to: Chair of Faculty Search Committee, c/o Ms. Nancy Webb, email: nwebb@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.

LEADERSHIP AND INNOVATION IN CHEMICAL ENGINEERING AND APPLIED CHEMISTRY, UNIVERSITY OF TORONTO

The Department of Chemical Engineering and Applied Chemistry invites applications for a faculty position in the tenure-stream at the rank of Assistant Professor, effective on or after July 1, 2010. The successful candidate will show leadership and innovation in research and teaching. Applicants are expected to have a PhD or equivalent, demonstrated excellence in research and excellent teaching skills. Postdoctoral or industrial experience is an asset. The successful candidate will be expected to initiate and lead an independent research program of international caliber, and teach in the chemical engineering curriculum at the undergraduate and post-graduate level. Collaborative and inter-disciplinary research and collegial interaction will be important elements in success. Eligibility to register as a Professional Engineer in Ontario is a desirable qualification. Salary will be commensurate with qualifications and experience. **Applicants should send curriculum vitae, a statement of research vision with a five to ten year horizon (three to five pages), and a statement of teaching philosophy and interests. Applicants should arrange for three letters of reference to be sent directly to: Doug Reeve, Professor and Chair, Department of Chemical Engineering and Applied Chemistry, University of Toronto, 200 College Street, Toronto, Ontario, Canada M5S 3E5.** The search will continue until the position is filled. To ensure consideration, interested individuals should deliver complete application materials before January 15, 2010. Inquiries: chair.chemeng@utoronto.ca; Information: www.chem-eng.utoronto.ca. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY DEPARTMENT OF CHEMICAL ENGINEERING ASSISTANT PROFESSOR

The MIT Department of Chemical Engineering (<http://web.mit.edu/cheme/>) invites applicants to apply for a tenure-track faculty position at the assistant professor level, to begin July 2010 or thereafter. Applicants should hold a Ph.D. in chemical engineering or a related field by the beginning of the appointment period. In special cases, a more senior faculty appointment may be possible. The Department is particularly interested in candidates with energy and systems engineering interests. The candidate should have demonstrated excellence in original research. Faculty duties include teaching at the graduate and undergraduate levels. **Interested candidates should submit application materials electronically at <https://chemefacsrch.mit.edu>. Each application should include: a curriculum vitae, the names and addresses of three or more references, a strategic statement of research interests, and a statement of teaching interests. We request that each candidate arrange for reference letters to be uploaded at <https://chemefacsrch.mit.edu/letters/>.** Questions should be addressed to ChemE-Search-Master@chemefacsrch.mit.edu. Responses received by December 1, 2009, will be given priority. We especially encourage minorities and women to apply because of MIT's strong commitment to diversity in engineering education, research, and practice.

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