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POSITIONS OPEN

Material Intelligence has the following positions open.

(1) **SENIOR SCIENTIST.** Requires Ph.D. in physics or closely related field and working knowledge of scalar diffraction and inverse scattering in nonuniform media. Duties will include both theory and experiments. Software, electronic design, or mechanical skills are desirable.

(2) **PROGRAM MANAGER.** Requires degree in engineering or physical science, experience in similar job function, and competency in office and project management software. Duties include administering a government contract; preparing and submitting reports and data items; and coordinating meetings, program reviews, and field tests.

(3) **ELECTRICAL ENGINEER/DESIGNER.** Requires degree plus five years of experience in electrical engineering, analog circuit design for instrumentation, digital design with field-programmable gate array, layout, and test. Degree in a physical science with relevant experience may be accepted. Also desirable are ultrasound, microwave, and video experience.

(4) **SOFTWARE ENGINEER.** Requires degree in engineering, or physical science, plus five years of experience designing and programming real time systems, device drivers, signal processing, data acquisition, graphics, and video.

(5) **MECHANICAL ENGINEERING TECHNICIAN.** Requires degree in mechanical engineering, or physical science, and relevant experience. Duties include light mechanical design, machining and assembly, and assisting in experiments. Experience in environmental testing is desirable.

(6) **TECHNICAL ASSISTANT/COMPUTER SUPPORT.** Requires degree in engineering or physical science, experience in system management, and software programming skills. Mechanical and electrical skills are desirable. Duties include maintaining computer systems and assisting the senior technical staff.

All positions are located near Morristown, New Jersey.

Please send resumes to e-mail: jobs@mi-llc.com.

**ASSISTANT PROFESSOR POSITION
Dalhousie University
Cardiovascular Physiology**

The Department of Physiology and Biophysics invites applications for a position at the Assistant Professor level available for the 2008 academic year. Qualified candidates will have demonstrated research expertise in cardiovascular physiology, with an emphasis on molecular or cellular research in cardiovascular physiology/pathophysiology. Applicants must have a Ph.D. and/or M.D. degree, several years of post-doctoral training, excellent communication skills, and a strong record of peer-reviewed publications. The successful candidate will be expected to develop active and synergistic research collaborations with other cardiovascular researchers in both the basic science and clinical departments of the Faculty of Medicine. The candidate is expected to develop an extramurally funded research program and to participate in the teaching mission of the Department. This is a salaried, probationary tenure-track appointment; however, the candidate will be expected to apply for external salary support from appropriate granting agencies.

Interested applicants should submit curriculum vitae along with a brief description of research experience and interests, teaching experience and interests, and arrange to have three letters of reference sent directly to: **Dr. Paul R. Murphy, Head, Department of Physiology and Biophysics, Faculty of Medicine, Dalhousie University, Sir Charles Tupper Medical Building, 5850 College Street, Halifax, Nova Scotia B3H 1X5, Canada.**

Review of applications will begin March 31, 2008, and will continue until the position is filled.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Dalhousie University is an Employment Equity/Affirmative Action Employer. The University encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons and women.

POSITIONS OPEN

**BIOLOGY FACULTY POSITION in
HUMAN ANATOMY**

The Department of Biology at the University of Alabama at Birmingham (UAB) seeks highly qualified candidates for a full-time nontenure-track teaching position at the rank of **ASSISTANT PROFESSOR**. This full-time position is renewable subject to performance. The primary responsibility of the successful candidate will be to teach human anatomy and either genetics or introductory biology courses. Candidates must have a Ph.D. in biology or related fields, a commitment to undergraduate education and outreach, and preferably a record of excellence in teaching. Applicants should submit curriculum vitae, a statement of teaching interests, and copies of recent teaching evaluations, and have three letters of reference sent to: **Dr. Ken Marion, Chair, Department of Biology, University of Alabama at Birmingham, 1300 University Boulevard, Birmingham, AL 35294-1170.** The anticipated start date is August 1, 2008. Review of materials will begin March 1, 2008, and will continue until the position is filled. *The Department of Biology and UAB are committed to building a culturally diverse workforce and strongly encourage applications from women and individuals from under-represented groups. UAB has an active National Science Foundation-supported ADVANCE Program and a Spouse Relocation Program to assist in the needs of dual-career couples. UAB is an Affirmative Action/Equal Employment Opportunity Employer.*

NEUROANATOMIST

The Section of Anatomy at the Southern Illinois University (SIUE) School of Dental Medicine is seeking applicants for a full-time (12-month) tenure-track appointment for a Neuroanatomist at the **ASSISTANT/ASSOCIATE PROFESSOR** level. Applicants must have a Ph.D. or equivalent, teaching experience in neuroanatomy, and the background to assist in teaching in the gross anatomy laboratory. Experience in teaching histology, oral biology, and/or pain mechanisms is preferred but not required. Post-doctoral fellowship is desirable. The candidate is expected to be active in dentally related research, particularly the pathways and mechanisms of dental pain. Academic rank and salary are commensurate with experience and qualifications. The school is located on a historic campus, 15 minutes from the campus of Southern Illinois University Edwardsville and 30 minutes from St. Louis. Review of applications will begin in February 2008, and continue until the position is filled. Send a letter of interest, curriculum vitae, and three letters of reference to: **Dr. Ann Boyle, Dean, School of Dental Medicine, Southern Illinois University, 2800 College Avenue, Alton, IL 62002-4900.** *SIUE is an Equal Employment Opportunity/Affirmative Action Employer committed to diversity in education and employment. SIUE is a state university; benefits under state-sponsored plans may not be available to holders of F-1 or J-1 visas.*

The Section of Nephrology at the University of Chicago is seeking a **MOLECULAR BIOLOGIST** for a **RESEARCH ASSOCIATE** position; academic rank will be commensurate with previous experience and accomplishments. Cultured renal cells as well as whole animal studies will be used to answer complex scientific questions. Microscopic, biochemical, molecular biologic, and genomic approaches will be utilized. At least five years of experience in the study of cultured cells, including with imaging, signal transduction, and transfection is required. Experience with transgenic mice is preferred, but not required. Our ongoing work is in the physiology of ion transport, although experience in this area is not essential. Substantial resources are in place for this work. Send curriculum vitae and names of three references to: **Dr. Robert Hoover, Assistant Professor, Section of Nephrology, e-mail: rhoover@medicinebsd.uchicago.edu.**