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**Science Careers**

From the journal *Science*

**POSITIONS OPEN**

**Yale**

The Section of Cardiovascular Medicine seeks exceptional candidates to establish research programs in cardiovascular developmental biology and genetics. Successful individuals will have Ph.D. and/or M.D. degrees and will have a proven record of originality and productivity. The Section is undergoing a major expansion and houses a newly formed Yale Cardiovascular Research Center. Yale University School of Medicine has established a close affiliation with University College London, United Kingdom, that among other benefits provides access to extensive clinical and translational genetics resources at UCL. Although all extraordinary candidates will be considered, we are especially interested in **DEVELOPMENTAL BIOLOGISTS** utilizing zebrafish as their model, who will be able to establish and operate a zebrafish research facility, and in **GENETICISTS** involved in translational genetics research, who will be able to run or participate in a clinical cardiovascular genetics program in addition to basic research efforts.

Please electronically send your curriculum vitae with a list of publications, a summary of research (two pages), and a research plan (three pages) along with the names of three references by December 1, 2009, to e-mail: [michael.simons@yale.edu](mailto:michael.simons@yale.edu).

**ASSISTANT/ASSOCIATE PROFESSOR**  
**Animal Physiology**

A tenure-track opening for an **ANIMAL PHYSIOLOGIST** is available in the Department of Biological Sciences at DePaul University starting September 2010 (pending approval of funding). The successful candidate will be broadly trained in animal physiology with a strong commitment to undergraduate education. We welcome endocrinologists, neurobiologists, and organismal-based physiologists, but all subdisciplines and animal model systems will be considered. Ph.D. required; postdoctoral and previous teaching experience preferred. Teaching responsibilities to include some combination of: introductory biology for nonmajors; co-teaching one-quarter of introductory biology for majors; vertebrate physiology; and graduate/advanced undergraduate courses in the candidate's area of expertise. The Department is housed in a spacious and well-equipped teaching, research, and support complex that includes a 2,000 square foot staffed animal care facility and a newly opened gold-LEED certified wing used by biology, chemistry, and environmental science. Startup funds are provided. Review of applications will begin December 15, 2009, and will continue until the position is filled.

Applicants should apply online with a cover letter; curriculum vitae; a two-page statement of research and teaching interests, including teaching philosophy; and a general list of equipment and supply needs. In addition, three letters of reference should be sent to: **Animal Physiology Search Committee, Department of Biological Sciences, DePaul University, 2325 N. Clifton Avenue, Chicago, IL 60614**. Additional inquiries should be sent to the Search Committee Chair, **Dr. Elizabeth LeClair, e-mail: [eleclair@depaul.edu](mailto:eleclair@depaul.edu)**.

To apply, please visit the following website: [facultyopportunities.depaul.edu/applicants/Central?quickFind=50642](http://facultyopportunities.depaul.edu/applicants/Central?quickFind=50642).

*The Department seeks diversity in its faculty and we encourage applications from women, people of color, and the members of other historically underrepresented groups. DePaul University is committed to diversity and equality in education and employment.*

An NIH-funded **POSTDOCTORAL POSITION** is available in the field of obesity and type 2 diabetes. Background in the field is required. Experience with clamp study, adenovirus construction, adipose tissue biology, and inflammation is also required. Salary is consistent with NIH guidelines. Interested candidates with Ph.D or M.D. degree please submit curriculum vitae to: **Haiyan Xu, M.D.-Ph.D., Brown Medical School, 55 Claverick Street, Room 318, Providence, RI 02903. E-mail: [haiyan\\_xu@brown.edu](mailto:haiyan_xu@brown.edu)**.

**POSITIONS OPEN**

**MOLECULAR DEVELOPMENTAL BIOLOGIST**

Tenure-track **ASSISTANT PROFESSOR** position beginning fall 2010 in the Indiana University Northwest Department of Biology. Primary responsibilities include teaching upper-level undergraduate developmental, molecular, and related biology courses. Ideal candidates will be expected to demonstrate a commitment to teaching that includes undergraduate research.

Qualifications: Ph.D. is required; postdoctoral research experience is preferred. Expertise in molecular and/or evolutionary development and interest in biotechnology and bioinformatics are desirable.

Submit curriculum vitae, unofficial graduate and undergraduate transcripts, three letters of recommendation, and a statement of teaching and research philosophy that explains integration of teaching and research to: **Biology Search Committee, Department of Biology, Indiana University Northwest, 3400 Broadway, Gary, IN 46408**.

Application review begins on January 4, 2010, and will continue until the position is filled. For more information on the Department, see the biology website: <http://www.iun.edu/~biology>.

One of eight campuses of Indiana University, IU Northwest is located in metropolitan northwest Indiana, approximately 30 miles southeast of Chicago and 10 miles from Indiana Dunes National Lakeshore. The campus has a diverse student population approaching 6,000 and offers Associate, Baccalaureate, and Master's degrees in a variety of undergraduate and graduate programs in arts and sciences, business and economics, education, nursing and health professions, public and environmental affairs, and social work.

*Indiana University is an Equal Opportunity/Affirmative Action Employer committed to achieving excellence through diversity. The University actively encourages applications from women, minorities, persons with disabilities, and members of other underrepresented groups.*

**TENURE-TRACK**  
**FACULTY POSITIONS IN INFLAMMATION**

The Department of Pathology, Microbiology and Immunology, School of Medicine, University of South Carolina, Columbia, invites applications for tenure-track **ASSISTANT PROFESSOR** positions in the broad area of inflammation. Candidates must have a Ph.D. or M.D. or equivalent with postdoctoral research experience. Outstanding applicants working in any area of inflammation complementary to our existing faculty ([website: http://pmi.med.sc.edu/default.html](http://pmi.med.sc.edu/default.html)) will be considered. The areas include inflammation as it relates to bacterial and viral infections, cancer, toxicology, and complementary and alternative medicine to treat autoimmune/inflammatory diseases. Candidates are expected to develop a strong, extramurally funded research program using cutting-edge cellular and molecular techniques as well as to participate in the teaching mission of the Department. Investigators who have shown evidence of independence through active grant funding are encouraged to apply. Competitive salary and startup funds are available. Apply with curriculum vitae, statement of research plans, and three letters of recommendation to: **Dr. Mitzi Nagarkatti, Chair, Department of Pathology, Microbiology and Immunology, University of South Carolina School of Medicine, Columbia, SC 29208. Or e-mail: [inflammation@uscmcd.sc.edu](mailto:inflammation@uscmcd.sc.edu)**. The search will start immediately and continue till the positions are filled. *USC Columbia is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities.*

**RESEARCH ASSOCIATE in Theoretical Atomic, Molecular, and Optical Physics**

Applications are invited for one or more **POSTDOCTORAL** openings in the group of **Professor Brett Esry** at Kansas State University to study ultracold few-body collisions. Applicants must have a Ph.D. (or equivalent) in physics or chemistry and should have a strong background in theoretical atomic or molecular physics. For more information and application procedures, see [website: http://www.phys.ksu.edu/personal/esry](http://www.phys.ksu.edu/personal/esry). *Equal Employment Opportunity Employer. Background check required.*