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From the journal Science 

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**POSITIONS OPEN**



**ASSISTANT OR ASSOCIATE PROFESSOR**  
Reproductive/Developmental Biology  
Johns Hopkins University  
Bloomberg School of Public Health

The Department of Biochemistry and Molecular Biology at The Johns Hopkins Bloomberg School of Public Health invites applications for a tenure-track Assistant or Associate Professor position in the areas of reproductive and developmental biology, broadly defined. Preference will be given to outstanding young scientists, but applications from more senior individuals (up to mid-career) will receive serious consideration.

The Department is home to the Division of Reproductive Biology, which has enjoyed a long and rich history as a national center for reproductive biology research and training. Areas of emphasis in the Department, including stem cell biology, genome biology, cell biology, stress response pathways, DNA repair and protein quality control, epigenetics and cellular differentiation, complement those in the Division. The close proximity to the School of Medicine provides opportunities for meaningful interactions with other basic scientists and clinicians. The individual we seek will contribute to and benefit from this highly interactive and collegial environment.

Information about the application process and recent faculty hires can be found at [website: http://www.jhsph.edu/dept/bmb/Faculty/openings](http://www.jhsph.edu/dept/bmb/Faculty/openings). Applications will be accepted until January 15, 2012.

*We actively encourage applications from women and minority candidates. The Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer.*

**TENURE-TRACK ASSISTANT PROFESSOR**  
in Biological Physics

The University of Miami (UM) invites applications for a tenure-track Assistant Professor position in biological physics as part of its current drive to develop novel research collaborations at the frontiers of physics, the life sciences, and medicine. This position provides a unique opportunity for the successful candidate to develop an experimental program within the physics department, with strong ties to UM's internationally leading activities across the life and medical sciences. Candidates must have a Ph.D. in physics or a similar field, postdoctoral experience, a demonstrated record of research accomplishments, and a strong commitment to quality undergraduate teaching. The department has an established Ph.D. program and faculty with a broad range of research expertise. The physics department is located within the university's beautiful Coral Gables campus in the greater Miami area.

Applicants should arrange for curriculum vitae, a statement of research interests, and three letters of recommendation, to reach the following address by February 1, 2012: **Search Committee for Biological Physics, Department of Physics, PO Box 248046, Coral Gables, FL 33124** or e-mail: [biological-search@physics.miami.edu](mailto:biological-search@physics.miami.edu). *The University of Miami is an Affirmative Action/Equal Opportunity University that values diversity and has progressive work-life policies. Women, persons with disabilities, and members of other underrepresented groups are encouraged to apply.*

**VISITING ASSISTANT PROFESSOR in**  
Environmental Science and Policy

The Environmental Science and Policy Program at Smith College invite applications for a two-year appointment as a Visiting Assistant Professor, to begin July 1, 2012. We seek a candidate with strong quantitative skills and an integrative environmental degree or extensive experience in environmental science or policy. For more information and to apply, visit [website: http://jobs.smith.edu](http://jobs.smith.edu). Review of applications will begin December 1, 2011. *Smith College is an Equal Opportunity Employer encouraging excellence through diversity.*

**POSITIONS OPEN**



**FACULTY POSITIONS**  
UC San Diego  
Department of Bioengineering

The Department of Bioengineering in the Jacobs School of Engineering at the University of California, San Diego is inviting applications for one or more Tenure-Track or Tenured Faculty Positions at the **ASSISTANT PROFESSOR, ASSOCIATE PROFESSOR, or FULL PROFESSOR** levels. To obtain more information or submit your application materials, go to [website: https://apol-recruit.ucsd.edu/apply](https://apol-recruit.ucsd.edu/apply) and apply to **position number 10-341**.

**POSTDOCTORAL FELLOWSHIP**  
Harvard Medical

We are seeking a motivated individual to join our studies on molecular mechanisms of lung injury and repair in animal models of disease. We focus on pulmonary hypertension, chronic lung disease and the pathophysiology of hypoxia. Current projects explore the therapeutic potential of stem cells on lung disease and the cytoprotective and anti-inflammatory functions of Heme Oxygenase. The successful candidate will command significant resources to apply cellular, biochemical, and genetic approaches in the study of oxygen-regulated signaling pathways and gene expression. A Ph.D. or equivalent degree is required, and a strong background in molecular biology or a related discipline is highly desirable. Previous research experience in stem cells, inflammation, or oxidant stress will complement current research direction. Please mail curriculum vitae and contact information for three references to:

**Professor Stella Kourembanas**  
Department of Pediatrics, Harvard Medical School  
Chief, Division of Newborn Medicine  
Children's Hospital Boston  
320 Longwood Avenue  
Boston, MA 02115

Or send material electronically to e-mail: [sarah.gately@childrens.harvard.edu](mailto:sarah.gately@childrens.harvard.edu).

**MICROBIOLOGIST**

Tenure-track **ASSISTANT PROFESSOR** position available August 2012. Earned doctorate in Microbiology or related discipline required; research interests using molecular approaches to address current problems in Microbiology are highly desirable. Successful applicant must be qualified to teach Microbial Physiology, Microbial Ecology, General Microbiology, and special topics courses or graduate courses as needed. Candidate is expected to establish an active, externally funded research program involving graduate and/or undergraduate students. Finalists must successfully complete the interview process and teaching demonstration. Mail one copy of all official university transcripts, statements of teaching and research philosophies, curriculum vitae, and three letters of recommendation to: **Dr. Xin Fan, Department of Biology, West Chester University, West Chester PA 19383** or to e-mail: [microbiology.search@wcupa.edu](mailto:microbiology.search@wcupa.edu). Review of completed applications begins on January 6, 2012 and continues until position is filled. For more details and full ad visit [website: http://www.wcupa.edu/scripts/vacancies/v-list.asp](http://www.wcupa.edu/scripts/vacancies/v-list.asp), call telephone: 610-436-2281 or e-mail: [xfan@wcupa.edu](mailto:xfan@wcupa.edu). *Affirmative Action/Equal Opportunity Employer. Women and minorities are strongly encouraged to apply. The filling of this position is contingent upon available funding. All offers of employment are subject to and contingent upon satisfactory completion of all pre-employment background and consumer reporting checks.*