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**Science Careers**

From the journal *Science*

# Yale

YALE UNIVERSITY  
Institute for Chemical Biology

Yale University, to further the development of its West Campus research enterprise, is seeking faculty at both junior and senior ranks for a new multidisciplinary Institute for Chemical Biology. Faculty associated with this Institute will hold primary appointments in any of several life science and physical science departments within the Faculty of Arts and Sciences, the School of Engineering and Applied Science, or the Yale School of Medicine. We seek creative teacher-scholars with international reputations for outstanding research at the combined interface of chemistry, biology, engineering, and medicine. Candidates must possess a Ph.D. in a relevant discipline. To apply, please submit to e-mail: [kelly.locke@yale.edu](mailto:kelly.locke@yale.edu) in one PDF file with the subject heading "Chemical Biology Search" the following materials: a statement of research interests, complete curriculum vitae, and up to five reprints of published work. In addition, arrange for three letters of recommendations to be sent to: **Chair, Chemical Biology Search Committee, c/o Kelly Locke, 1 Hillhouse Avenue, New Haven, CT 06520.** The review of applications will begin on 1 November and proceed until suitable candidates are identified. *Yale University is an Affirmative Action/Equal Opportunity Employer. Yale values diversity among its faculty, students, and staff and strongly encourages applications from women and underrepresented minorities.*

### POSTDOCTORAL RESEARCH POSITION Washington University in St Louis School of Medicine

Outstanding Ph.D., M.D., and M.D.-Ph.D. candidates are invited to apply for a postdoctoral position as part of a newly established multidisciplinary Center for the Study of Itch. Candidates will be working with innovative researchers who have determined neurocutaneous pathways specific to itch. Areas of potential investigation include the development of animal models of chronic itch, potential mechanisms of pathway blockade, and translation to clinical practice. This initiative has been jointly developed by the Department of Anesthesiology and the Division of Dermatology to promote interdisciplinary studies of mechanisms of itch and its effective treatment. Candidates with strong experience in the skin research and interests in the study of neurocutaneous biology and/or cutaneous diseases where pruritus is significant component are encouraged to apply. Other potential areas of interest include electrophysiology, GPCRs/channel signal transduction, immunology, and genetic studies of neural circuitry.

Applicants should submit curriculum vitae, a statement of research experience and interest, and names of three references to e-mail: [chenz@wustl.edu](mailto:chenz@wustl.edu).

**POSTDOCTORAL RESEARCH ASSOCIATE—**Cellular and Molecular Biology Texas A&M University-Commerce has an immediate opening for a Postdoctoral Research Associate to study molecular mechanisms that direct early vertebrate heart development and cardiac cell differentiation. The individual will work with existing faculty in the area of cardiovascular molecular development. The individual will have the opportunity to conduct research and participate in grant writing as a co-investigator and will be involved in co-authoring publications in high quality peer-reviewed journals.

A Doctoral degree in the biological, chemical, or biomedical sciences is required. Expertise is required in modern molecular biology including a good working knowledge of such cloning, gene sequencing, RT-PCR, in situ hybridization, and related techniques.

Submit a letter of application, statement of research interests, names and e-mail address of four references, and curriculum vitae electronically to e-mail: [larry\\_lemanski@tamuc-commerce.edu](mailto:larry_lemanski@tamuc-commerce.edu), Provost and Professor of Biological Sciences.

# PURDUE UNIVERSITY

ASSISTANT PROFESSOR,  
PHARMACOLOGY

The Department of Medicinal Chemistry and Molecular Pharmacology, Purdue University College of Pharmacy, invites applications for a tenure-track faculty position at the level of Assistant Professor. The successful candidate will have a Ph.D. or equivalent degree, appropriate postdoctoral experience, and the potential to establish a vigorous research program and will participate in undergraduate, pharmacy, and graduate education. Applicants with research interests in pharmacogenomics or pharmacogenetics are particularly encouraged to apply. Candidates with expertise in genomics, molecular pharmacology, systems biology, computational biology, bioinformatics, or drug discovery would be very suitable for this position.

Research in the Department is highly interdisciplinary with strengths in molecular pharmacology, cancer biology, neuroscience, chemical biology, drug design, systems biology, and computational chemistry ([website: http://www.mcmp.purdue.edu/research/](http://www.mcmp.purdue.edu/research/)).

For full consideration, please submit a single PDF file to **Ms. Angie Schutz, e-mail: [arschutz@purdue.edu](mailto:arschutz@purdue.edu)** containing the following items: a cover letter, a full curriculum vitae (including publications and research and teaching experience) and a statement of research plans (not to exceed three pages). Applicants should arrange to have three letters of reference sent directly to the same e-mail address. Please direct any questions regarding this position or application requirements to the Chair of the Search Committee, **Dr. Chris Rochet, e-mail: [jrochet@purdue.edu](mailto:jrochet@purdue.edu)**. Applications will be reviewed beginning November 1, 2010, and the review will continue until the position is filled. *Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse work force.*

### ASSISTANT PROFESSOR, EVOLUTIONARY BIOLOGY Department of Biology

University of Virginia, Charlottesville, Virginia

The Department of Biology at the University of Virginia invites applications for a tenure-track Assistant Professor appointment from individuals conducting innovative studies in Evolutionary Biology.

Candidates must have a Ph.D. degree and relevant postdoctoral experience. The successful candidate is expected to establish a vigorous, independent, and externally funded research program and to contribute to undergraduate and graduate instruction and training. A generous startup package and excellent research facilities are available. The position will begin August 25, 2011.

Further information about the Department of Biology and the department's Mountain Lake Biological Station can be found at [website: http://www.virginia.edu/biology/](http://www.virginia.edu/biology/). Inquiries about the position may be electronically sent to e-mail: [biosearch@virginia.edu](mailto:biosearch@virginia.edu). To apply, submit a candidate profile online through [Jobs@UVA](mailto:Jobs@UVA) ([website: https://jobs.virginia.edu](https://jobs.virginia.edu)) and electronically attach the following: cover letter, curriculum vitae, statements of research interests and teaching philosophy, and the contact information for three references. Please search for posting number **0606437**. In addition, please arrange to have three letters of reference submitted to e-mail: [biosearch@virginia.edu](mailto:biosearch@virginia.edu).

Questions regarding the application process in [Jobs@UVA](mailto:Jobs@UVA) should be directed to:

**Shawna Edinger**  
Telephone: 434-982-5615  
E-mail: [se5k@virginia.edu](mailto:se5k@virginia.edu)

Review of applications will begin November 15, 2010; however, the position will remain open until filled.

*Women and members of underrepresented groups are encouraged to apply. The University of Virginia is an Equal Opportunity/Affirmative Action Employer.*