



RUTGERS

The **Rutgers School of Environmental and Biological Sciences** at Rutgers University - New Brunswick announces faculty searches for three endowed chairs. We seek scholars whose records in teaching, research and service to society are consistent with anticipated appointment as full Professor with tenure. Please visit the websites provided for further information and instructions for applications and nominations.

The Johnson Family Chair in Water Resources and Watershed Ecology

Funded by the Johnson Family and an anonymous donor, the successful candidate will advance understanding of large-scale aquatic systems in complex landscapes spanning urban to rural gradients, such as the Raritan River watershed of central New Jersey. Areas of potential research expertise could include ecology, evolutionary biology, natural resource management, environmental science and engineering, estuarine processes, and environmental policy.

See: <http://ohr.rutgers.edu/ended-chairs/johnson-family-chair.html>

The Eveleigh-Fenton Chair in Applied Microbiology

Named in honor of Distinguished Professor Emeritus Douglas Eveleigh, and funded by Linda and Dennis Fenton, the successful candidate will provide leadership in microbial systems biology (microbiomes, metabolic engineering, synthetic biology, host associated microbial communities, ecology and evolution of microbial communities).

See: <http://ohr.rutgers.edu/ended-chairs/eveleigh-fenton-chair.html>

The C. Reed Funk Chair in Plant Genetics and Genomics

Named in memory of the distinguished late professor and plant breeder who founded and led Rutgers University's internationally acclaimed turfgrass research program (now the Center for Turfgrass Science; turf.rutgers.edu), this chair will be filled by an individual with expertise in bioinformatics and comparative plant genomics. The successful candidate will focus research on fundamental questions (e.g., reproductive biology, heterosis, apomixis, development, photosynthesis, evolutionary theory and modeling, structural biology, genome structure) that might be addressed, for example, in studies of the graminoid family genomes.

See: <http://ohr.rutgers.edu/ended-chairs/funk-chair.html>

*Rutgers University is an Affirmative Action/Equal Opportunity Employer.
Women, members of minority groups, and persons with disabilities are encouraged to apply.*



Research Assistant Professor University of Arizona, Tucson

These funded project(s) in the laboratory of Dr. Andrew Kraft, Director of the Cancer Center focus on the role of the Pim protein kinase in regulating malignant transformation. Emphasis will be given to understanding how Pim regulates protein synthesis to stimulate prostate cancer growth by modulating mTOR and eIF4B (*MCB* 34:2517, 2014; *Can. Res.* 73:3402, 2013) and modulates the hypoxic response of this tissue. Animal models, knockout and transgenic mice and targeted small molecules will be used in these studies. Experience in molecular and cellular biology is required. In a separate project, Pim as a driver protein in acute lymphocytic leukemia (T-ALL) will examine how this kinase controls the Jak/STAT pathway (*Blood* 115:824, 2010) and modulates tumor growth. These experiments will require the transfer of manipulated bone marrow to congenic mice and the study of hematopoiesis.

Please submit a letter of interest, curriculum vitae, and the names of three references to lfrazier@uacc.arizona.edu.

**Applicants can apply on-line at:
www.uacareers.com/56712**

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He/she will play a key role in developing advanced programs in elastomer/glass armor, the shock physics of soft matter, the physics of the glass transition, ultrahigh pressure dielectric relaxation, the properties of liquid crystals and their application, and the multiscale dynamics of nanocomposite materials.

As a distinguished scientist and recognized leader in his/her field, the incumbent will be called upon to brief DoD senior officials regarding Laboratory research efforts in the above areas, to serve as an NRL liaison to the Navy and other national and international organizations, and to consult on important scientific and programmatic issues.

Applicants should be recognized as national/international authorities in the above areas of research, and should have demonstrated the scientific vision and organizational skills necessary to bring long term, multi-faceted research programs to successful completion.

For information regarding this vacancy and specific instructions on how to apply, go to www.usajobs.gov, log in and enter the following announcement number **NW413XX-00-1237706K9962074S**. Please carefully read the announcement and follow instructions when applying. Please contact Lauren Bowie at lauren.bowie@nrl.navy.mil for more information. Vacancy announcement closes on **December 31, 2014**.



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