POSTDOCTORAL POSITIONS in Microbiology and Metabolomics

Postdoctoral positions are available for microbiologists and mass spectrometrists for enzyme and pathway discovery as part of the Enzyme Function Initiative (EFI). The EFI is a Glue Grant from NIGMS/NIH (U54GM093342) with the goal of developing sequence/structure-based strategies for facilitating assignment of in vitro enzymatic and in vivo metabolic functions of unknown enzymes discovered in genome projects, a crucial limitation in genomic biology. This is being accomplished by integrating bioinformatics, structural biology, and computation with enzymology, genetics, and metabolomics. Due to the collaborative and multidisciplinary environment, the EFI provides an opportunity to receive training in several areas. For example, those with a primary interest in microbial genomics can receive training in bioinformatics and/or in metabolomics. More information about the EFI can be found at website: http://www.enzymefunction.org and to apply or request details, please contact Professor John Cronan (e-mail: jecronan@illinois.edu).

ASSISTANT PROFESSOR of Pollinator Health & Sustainability
University of Maryland, College Park

The Department of Entomology seeks an Assistant Professor to develop an integrated Extension/Research/Teaching portfolio (40/40/20 split) that addresses the effects of environmental change on pollinators at multiple scales. The appointee will be expected to build a nationally prominent, robustly funded research/extension program that addresses some broad aspect of pollinator health and sustainability. In addition, he/she will work with university, government, and private sector/NGO partners to find novel ways of incorporating pollinators into multidisciplinary efforts that advance priorities of Maryland Extension, including, among others, agricultural sustainability, profitability, and literacy; environmental sustainability; local food production; and community resilience.

The appointee will also deliver innovative extension support and training in apiculture to diverse stakeholders in our state and region, train graduate students, and contribute to the department’s teaching program. Applicants must have a Ph.D. in Entomology or a related field, demonstrated excellence in both scientific publication and ability to obtain external funding, and evidence of experience with Extension. Research specialties can include any aspect of pollinator biology that bears on pollinator health and sustainability. Preference will be given to candidates with postdoctoral experience, proficiency with Extension or outreach, and innovative approaches to translational science.

Electronic submission of application through the University online system (website: http://www.jobs.umd.edu) is required. Candidates should submit a cover letter describing qualifications, curriculum vitae, a summary of research and extension experience and future plans (three to four pages), a statement of educational interests, and contact information for three persons from whom letters of recommendation can be requested. When preparing the electronic submission, submit the statement of research and extension in the Research field, and the statement of educational interests in the Supplemental Documents field. The position remains open until filled. Best consideration will be given to applications received by August 1, 2013.
UNIVERSITY of MISSOURI

ENDOWED DISTINGUISHED FACULTY SCHOLAR POSITION – DIABETES RESEARCH

The Department of Internal Medicine and Division of Endocrinology at the University of Missouri invites applications for appointment as the Thomas W. Burns MD Distinguished Faculty Scholar, an endowed tenured or tenure-track position (Assistant, Associate, or Full Professor; rank commensurate with experience) for clinician-scientists whose research and clinical interests focus on diabetes. The successful candidate is anticipated to lead his/her own independent extramurally-funded research program and to work with Dr. James Sowers and others in integrating basic and clinical translational research within the School of Medicine and other academic units on campus. The successful candidate will be able to devote 70% effort to research.

This recruitment effort is part of a multi-year expansion for the department and is designed to complement existing areas of research strength in diabetes, obesity, vascular biology, cellular signaling, and/or translational diabetes research. The University is noted for its collaborative research programs, which are exemplified by multidisciplinary interactions that are facilitated by appointments within the Burns Center for Diabetes and Cardiovascular Research, the Dalton Cardiovascular Research Center, the College of Veterinary Medicine, the Life Sciences Center, and the National Center for Gender Physiology. Involvement in campus-wide research initiatives relative to diabetes and obesity, cardiovascular science, cell signaling, proteomics, membrane biology, nutrition, genetics, or gender physiology is desirable.

Please submit your curriculum vitae online at http://hrs.missouri.edu/find-a-job/academic/ and forward a narrative of research interests, and the names and contact information of three references to:

Chair, Burns Faculty Scholar Search Committee
Department of Internal Medicine
School of Medicine
University of Missouri
One Hospital Drive
Columbia, MO 65212

Or by electronic submission (strongly preferred) to:
BurnsScholar@health.missouri.edu

Active review of applications will begin July 1 and the search will continue until the position is filled.

The University of Missouri is an equal access, equal opportunity, affirmative action employer that is fully committed to achieving a diverse faculty and staff. For more information, call the Associate Vice Chancellor of Human Resource Services/Affirmative Action officer at 573-882-4256. To request ADA accommodations, please call Human Resource Services at 573-882-7976. TTY users, please call through Relay Missouri, 1-800-RELAY (735-2966) or en Español at 1-800-520-7309.

Visit the University of Missouri-Columbia's web site at http://mujobs.missouri.edu
Faculty Position in Cardiovascular Science

The Virginia Tech Carilion Research Institute (VTCRI) in Roanoke, Virginia (http://research.vtc.vt.edu) is recruiting a faculty member working in the area of cardiovascular function in health and disease. The position may be filled at the Assistant or Associate Professor rank. The successful candidate will have a Ph.D. (or M.D./Ph.D. or D.V.M./Ph.D.) and postdoctoral training experience. Investigators with strong innovative research programs and extramural funding are encouraged to apply although promising junior candidates will be considered. Start-up packages, facilities and support are highly competitive. The VTCRI opened in the summer of 2010 under the leadership of Dr. Michael Friedlander. It currently has 22 research teams with $50M in startup funding and an additional $45M in current active extramural research funding. Under the leadership of Dr. Robert Gourdie, the VTCRI recently established the Center for Heart and Regenerative Medicine Research (CHRMCR). The Center and Institute have state of the art facilities in optical, high field electron and magnetic resonance imaging, as well as molecular biology, electrophysiology, computation and high capacity data analysis/storage facilities. During this period of major growth of the new institute, we are especially interested in colleagues who enjoy a highly collaborative environment and interacting with investigators from their own as well as other disciplines including those working at molecular, cellular, whole organismal, bioengineering and computational levels with cellular and/or animal models and/or humans. Investigators using physiological, molecular genetic and/or imaging approaches to study cardiovascular function are encouraged to apply. The VTCRI is immediately adjacent to the Carilion Clinic and the new VTC School of Medicine where all medical students carry out 4 year research projects. The Institute has strong collaborative ties with the Virginia Bioinformatics Institute, the Virginia Tech (VT) Center for Drug Discovery and School of Biomedical Engineering and Sciences at Virginia Tech (VT) as well as with the VT Departments of Biological Sciences, Biochemistry, Physics, Psychology and the College of Veterinary Medicine. The research institute and medical school are located in the picturesque Roanoke Valley midway between Washington DC and Charlotte, NC. Send cover letter, statement of research interests and CV and have at least three referees send letters of support to Ms. Sarah Castle, HR Director at secastle@vtc.vt.edu by August 18, 2013. Indicate cardiovascular position on all correspondence. Virginia Tech has a strong commitment to the principle of diversity, and in that spirit seeks a broad spectrum of candidates including women, minorities, veterans, and people with disabilities.

Faculty Position in Cancer Biology

The Virginia Tech Carilion Research Institute (VTCRI) in Roanoke, Virginia (http://research.vtc.vt.edu) is recruiting a faculty member working in the area of cancer biology. The position may be filled at the associate or full professor level. Start-up packages, facilities and support are highly competitive. The successful candidate will have the opportunity to take a leadership role in the growth of the cancer biology research program at the VTCRI, including the recruitment of several additional faculty. The VTCRI opened in the summer of 2010 under the leadership of Dr. Michael Friedlander. It currently has 22 research teams with $50M in startup funding and an additional $45M in current active extramural research funding. The Institute has state of the art facilities in optical, high field electron and magnetic resonance imaging, as well as cell and molecular biology, structural biology, nanotechnology, developmental biology, biophysics, computation and high capacity data analysis/storage facilities. During this period of major growth of the new institute, we are especially interested in colleagues who enjoy a highly collaborative environment and interacting with investigators from their own as well as other disciplines including those working at molecular, cellular, whole organismal and computational levels. The successful candidate will have a Ph.D. (or M.D./Ph.D. or D.V.M./Ph.D.) and postdoctoral training experience and a successful track record of running an innovative extramurally funded cancer research program. The VTCRI is immediately adjacent to the Carilion Clinic and the new VTC School of Medicine where all medical students carry out 4 year research projects. The Institute has strong collaborative ties with the Virginia Bioinformatics Institute, the Virginia Tech (VT) Center for Drug Discovery and School of Biomedical Engineering and Sciences as well as with the VT Departments of Biological Sciences, Biochemistry, Physics, Psychology and the College of Veterinary Medicine. The research institute and medical school are located in the picturesque Roanoke Valley midway between Washington DC and Charlotte, NC. Send cover letter, statement of research interests and CV and have at least three referees send letters of support to Ms. Sarah Castle, HR Director at secastle@vtc.vt.edu by August 18, 2013. Indicate cancer position on all correspondence. Virginia Tech has a strong commitment to the principle of diversity, and in that spirit seeks a broad spectrum of candidates including women, minorities, veterans, and people with disabilities.

Senior Faculty Position in Experimental Particle Physics

Department of Physics

The Department of Physics at Purdue University seeks applications for a tenured faculty position at the Associate or Full Professor rank in the area of experimental particle physics. We are interested in outstanding scientists with an established track record, international stature, a commitment to leading a preeminent research program, and a clear vision for future development. Purdue has major responsibilities in the CMS experiment and is involved in the Mu2e, XENON100/XENON1T, STAR, LSST and VERITAS projects. Synergies exist with groups in astrophysics, theory, nuclear physics and condensed matter physics. The Department offers a state-of-the-art in-house facility with resources applicable to silicon detector design, development and fabrication. It is expected that the successful candidate will strengthen the current efforts and play a leading role in shaping the future of the group. Applicants must have a Ph.D. in physics or a related field, an outstanding record of research accomplishments, and evidence of excellence in teaching at both the undergraduate and graduate levels. Candidates are expected to supervise graduate students, teach undergraduate and graduate courses, and serve on university committees. Salary and benefits are highly competitive.

Questions regarding this position and search should be directed to the Chair of the search committee, Professor John Finley (finley@purdue.edu). Interested candidates should submit their curriculum vitae, a list of publications to which the applicant was integral, a brief description of their planned research program and of their teaching philosophy, as well as names and email addresses of four people from which the search committee can obtain letters of reference. Electronic submission at https://www.physics.purdue.edu/searches/app/ is preferred. Review of applications will begin October 1, 2013 and will continue until the position is filled. A background check is required for employment in this position. Purdue University is an ADVANCE institution.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.

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The Ohio State University

Assistant Professor of Evolution, Ecology and Organismal Biology

The Ohio State University at Lima seeks candidates for a full-time, tenure-track Assistant Professor position in Evolutionary Biology. A research specialty in Comparative Vertebrate Biology is preferred, but not required.

The appointment will be made in the Department of Evolution, Ecology, and Organismal Biology at The Ohio State University and begin in August 2014. Candidates must have a PhD in hand at the time of appointment; post-graduate teaching experience is preferred. Salary is competitive.

The department seeks an Evolutionary Biologist with a strong commitment to the teaching, research and outreach missions of The Ohio State University. The successful candidate will teach undergraduate surveys and major courses in their area of expertise (likely courses include introductory biology for honors students, vertebrate biology, and comparative vertebrate physiology). In addition, the position will require the candidate to pursue a distinguished record of service and scholarly research.

The Ohio State University at Lima is one of five campuses of The Ohio State University. Current enrollment on the Lima campus is 1,400 students and there are approximately 100 full- and part-time faculty in all academic departments. Ohio State Lima offers the first two years of the Ohio State general education curriculum and ten programs leading to baccalaureate degrees, including one in Biology. Ohio State Lima also offers Master’s degree programs in Education and Social Work.

Questions should be addressed to Dr. Eric Juterbock at Juterbock.1@osu.edu.

To build a diverse workforce Ohio State encourages applications from individuals with disabilities, minorities, veterans, and women. EEO/AA employer. For additional information about the Lima campus please see www.lima.osu.edu

Max Planck Institute of Immunobiology and Epigenetics

We are looking for a

Postdoctoral Position in Bioinformatics

The Max Planck Institute of Immunobiology and Epigenetics in Freiburg, Germany is offering a Postdoctoral Position in Bioinformatics in the Laboratory of Chromatin Regulation (Head: Dr. Asifa Akhtar). The position is available for an initial two-year appointment with the possibility of extension.

The MPI in Freiburg is an international research institute at the crossroad of Southern Germany, Switzerland and France. The working language is English. State-of-the-art infrastructure and service units, including transgenesis, mass spectrometry, proteomics, flow cytometry, fly and imaging facilities are available.

Your tasks:
The research focus of the Akhtar laboratory includes mechanisms underlying chromatin and epigenetic regulation. We are particularly interested in X chromosomal regulation using flies and mouse models employing multidisciplinary approaches such as genetics, biochemistry, functional genomics as well as cell biology and structural biology.

We are looking for enthusiastic, highly-motivated, science-driven and experienced postdoctoral fellows to join our team to unravel the molecular mechanisms that regulate gene expression.

Your qualifications: Applicants should have a PhD or equivalent doctoral degree with at least 3 years of proven research experience in bioinformatics and analyses of genomewide data (ChIPseq, RNA seq). Prior experience working in Drosophila or mammalian models is highly encouraged. Candidates must have a strong publication record. Furthermore, the ability to work in a team, communication skills and experience in the supervision of graduate students are an asset.

Please submit your application, including a statement of research interests, a CV and three references to our homepage: http://www.iz-freiburg.mpg.de/jobs

We offer: Salaries will be according to postdoctoral fellowships of the Max Planck Society or TVöD and will commensurate with experience.

Application deadline: 31.08.2013

Our institute investigates the molecular basis of the immune response and other topics of the developmental biology, such as the origin and differentiation of the immune cells as well as the development of vertebrate embryo. Another main focus of the institute is Epigenetic. This area deals with inheritable traits, which are not caused by changes in the DNA sequence.

Handicapped applicants with equal qualifications will be given preferential treatment. The Max Planck Society seeks to increase the number of women in areas, where they are underrepresented, and therefore explicitly encourages women to apply. A childcare facility is directly attached to the institute.

If you would like to work in a dedicated team, please convince us now by sending us your complete application documents together with your salary expectations and your earliest possible date of joining the institute.

Max Planck Institute of Immunobiology and Epigenetics

Ms. Klank

Have we sparked your interest? Please apply online via the jobmarket at our homepage. We are looking forward to getting your complete application documents.

http://www.iz-freiburg.mpg.de/jobs

Science Careers online@sciencecareers.org
To Dr. Shirley Malcom, born and raised in the segregated South more than 65 years ago, a career based on her studies in science seemed even less likely than the launch of the Soviet’s Sputnik. But with Sputnik’s success, the Space Race officially started and, in an instant, brought a laser-like focus to science education and ways to deliver a proper response. Not long after, Dr. Malcom entered the picture.

Although black schools at the time received fewer dollars per student and did not have sufficient resources to maintain their labs at a level equivalent to the white schools, Dr. Malcom found her way to the University of Washington where she succeeded in obtaining a B.S. in spite of the difficulties of being an African American woman in the field of science. From there she went on to earn a Ph.D. in ecology from Penn State and held a faculty position at the University of North Carolina, Wilmington.

Dr. Malcom has served at the AAAS in multiple capacities, and is presently Head of the Directorate for Education and Human Resources Programs. Nominated by President Clinton to the National Science Board, she also held a position on his Committee of Advisors on Science and Technology. She is currently a member of the Caltech Board of Trustees, a Regent of Morgan State University, and co-chair of the Gender Advisory Board of the UN Commission on Science and Technology for Development. She has held numerous other positions of distinction and is the principal author of *The Double Bind: The Price of Being a Minority Woman in Science*.

Of her active career in science, Dr. Malcom says, “I guess I have become a poster child for taking one’s science background and using that in many other ways: we ask questions; we try to understand what we find; we consider what evidence we would need to confirm or refute hypotheses. And that happens in whatever setting one finds oneself.”

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Research Scientist
The Division of Urologic Surgery at Brigham and Women’s Hospital and Harvard Medical School invites applications for Research Scientist position at the level of Assistant or Associate Professor. The Division seeks candidates with expertise and track-record of peer review funding in cell and molecular biology in areas related to urologic diseases. The position includes opportunities for leadership in the development of program projects with the institution and mentoring of residents, fellows and young faculty. Strong collaborative environment with Dana-Farber Cancer Institute and Harvard School of Public Health.

Candidates should send curriculum vitae, preprints/reprints of significant work (limit to 3), statement of present and future goals in investigation and arrange to have three letters of recommendation sent to Adam S. Kibel, M.D., Chief, Division of Urology, Brigham and Women’s Hospital, Department of Surgery, 75 Francis Street, Boston, MA 02115 or email to lecates@partners.org. Other inquires call (617)-732-6665.

Brigham and Women’s Hospital and Harvard Medical School are Equal Opportunity/Affirmative Action Employers. Women and minorities are encouraged to apply

CHIEF SCIENCE OFFICER
Earthwatch an international environmental charity committed to conserving the diversity and integrity of life on earth to meet the needs of current and future generations seeks a Chief Science Officer.

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- Demonstrate an Entrepreneurial Spirit

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Andrew Wheeler, Managing Director or Sandra L. Goldman, Vice President

CSOEarthwatch@divsearch.com
www.diversifiedsearch.com
1-215-656-3543
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