Position Announcement
Crop Physiologist

Purdue University
Crop Physiologist (OIE 002840-2013), Purdue University, Department of Agronomy, 915 West State Street, West Lafayette, IN 47907-2054. Tenure-track faculty position. Assistant or Associate Professor (academic 10-month appointment will include research (majority) and teaching).

Responsibilities: The successful candidate will conduct innovative crop physiology research aimed at enhancing plant productivity and environmental sustainability for maize or soybean. The research context is broad, and could include abiotic stress tolerance, input use efficiency (e.g., nutrients, water), and plant resiliency to climate change. Candidates would ideally be capable of employing creative technologies in plant phenotyping or modeling for achieving advanced understanding/determination of important physiological traits. The successful candidate will establish an externally funded and internationally recognized research program, teach relevant courses in the crop science curriculum, and advise graduate students.

Qualifications: A Ph.D. in crop physiology, plant physiology, or a related discipline is required. Doctoral and/or postdoctoral research experience aimed at understanding impacts of genotype, environment, and/or management interactions on physiological responses of crop species is highly desirable. Commitment to teaching excellence is important. The ability to work as part of a team, and the ability to interact with students, government agencies, industry, and the general public are essential. Successful candidates must be committed to fostering diversity. Candidates with experience in, or the desire to develop, international dimensions of the discipline are preferred. The College of Agriculture at Purdue University is deeply committed to the three land-grant missions (teaching, research, and extension), to advancing diversity in all areas of faculty effort. Outstanding opportunities for interdisciplinary research exist within the Purdue University community. The College has 11 academic departments, 300 faculty, 2650 undergraduate students, and 685 graduate students. The College’s strategic plan can be accessed at http://www.ag.purdue.edu/Pages/strategicplan.aspx.

Applications: Review of applications will begin August 15, 2013 and will continue until the position is filled. A background check will be required for employment for this position. Candidates submit a letter of application, statements describing their research and teaching interests, official transcripts, names of three individuals that can serve as references, and a detailed curriculum vita that includes education, experience, additional qualifications, and publications to: Tony J. Vyn, Chair of the Search Committee (c/o Lisa Green, lgreen06@purdue.edu), Department of Agronomy, Purdue University, 915 W. State Street, West Lafayette, IN 47907-2054, Phone: (765) 496-3757; Fax (765) 496-2926. Email: tvyn@purdue.edu, URL: http://www.ag.purdue.edu/agry/.

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

Valentino D.B. Mazzia MD, JD
Professorship in Anesthesiology and Neuroscience

The Department of Anesthesiology and the Neuroscience Institute of NYU Langone Medical Center are recruiting an outstanding MD/PhD or MD neuroscientist to become tenured Professor and Vice Chair of Research for the Department of Anesthesiology and a member of the Neuroscience Institute at NYU. Applicants should have an ongoing extramurally supported research program in any area of neuroscience related to anesthesiology, such as ion channel physiology, neuronal plasticity, mechanisms of pain, consciousness and higher cognitive function, etc. The candidate will be responsible for their own research program and expected to grow basic and clinical neuroscience research in the Department of Anesthesiology and to mentor junior faculty, residents, and students.

Please submit your CV with a statement describing your scientific and mentoring interests by email to Thomas.Blanck@nyumc.org or to Richard.Tsien@nyumc.org

Submission deadline: May 30, 2013
W. Harry Feinstone Department of Molecular Microbiology and Immunology
Alfred and Jill Sommer Professor and Chair

The Johns Hopkins Bloomberg School of Public Health invites applications for Professor and Chair of the Department of Molecular Microbiology and Immunology. The successful applicant will have an outstanding record of academic and research accomplishment and demonstrated leadership and administrative abilities.

The mission of the Department is to advance understanding of basic biological processes underlying the major infectious diseases affecting public health. To combat global health threats caused by parasites (malaria), bacteria (tuberculosis) and viruses (AIDS), faculty and students conduct their studies in laboratories, in the field and in clinics. The Department has 50 full-time faculty, 100 doctoral and master’s students and a diverse research program. The Bloomberg School of Public Health has ten departments and more than 500 full-time faculty and 2,000 graduate-level students. The School is located on the Johns Hopkins University East Baltimore medical campus, a collaborative and highly interactive environment with a superb research infrastructure.

The Johns Hopkins University is committed to recruiting, supporting and fostering a diverse community of outstanding faculty, staff and students. Women and under-represented minority candidates are particularly encouraged to apply. EEO/AA.

Review of candidates will begin in July 2013. Applications should include a Curriculum Vitae and statement of research interest and vision of leadership. Submit to:

Chair, Search Committee, c/o Ms. Susan Williams
Office of the Dean
Johns Hopkins Bloomberg School of Public Health
615 N. Wolfe St., Room W1041, Baltimore, MD 21205
suwillia@jhsph.edu

6th Yamada Research Grant (Japan)

The Yamada Research Grant aims to promote the latest and highly original studies from multiple points of view in the fields of preventive medicine with bee products and natural products.

1. Eligible researchers:
   1) New research grant: For researchers or beekeepers who have never received the research grant from the Yamada Research Grant.
   2) Continuing research grant: For researchers or co-researchers who have previously received a research grant from the Yamada Research Grant.

2. Subject for research:
   1) New research grant:
      1) Preventive medical research. The following fields will be given a priority.
      A. Brain science, neuroscience, mental science (dementia, depression, etc.)
      B. Cardiology, gastroenterology, metabolomics (metabolic syndrome, intestinal disease, etc.)
      C. Immunology (cancer, allergy, infectious disease, gut immunity, etc.)
      D. Otolarinology, ophthalmology, stomatology
      E. Anti-aging medicine (skin, derma, bones, muscles, etc.) or longevity
   2) Research on environmental protection (including honey bee science, reconstruction support, etc.)

2) Continuing research grant:
   Progressive research of the theme done with the support of the Yamada Research Grant.

3. Grant amount:
   1) New research grant: Up to 2,000,000 Japanese Yen per theme.
   2) Continuing research grant: Up to 10,000,000 Japanese Yen per theme.

4. Language: English or Japanese

5. How to apply:
   Applications should be filled out the specified format on the following website according to application guideline for this grant.

   The official website of Application for Yamada Research Grant 2013:
   http://grant.bee-lab.jp/grant/grant_2013/guideline_eng.html

6. Application deadline: May 31st, 2013 (until 17:00 Japan Time)

How to inquire: If there are any questions, please contact the secretariat of this grant by e-mail. E-mail address: research-grant@yamada-bee.com
The City College of New York

Three open-rank faculty (Professorial) positions in Translational Neuroscience are available at The City College of the City University of New York for researchers with MD, PhD, combined MD-PhD or equivalent degree in Neuroscience or related disciplines:

1. Clinical neuroscience researcher with a focus on neurological and/or psychiatric diseases (e.g., neurodegenerative diseases, psychiatric disorders, stroke, traumatic brain/spinal cord injuries) and expertise in brain stimulation and/or imaging techniques (e.g., TMS, IDCS, DBS, functional and structural MRI, PET).
2. Basic neuroscience researcher specializing in advanced techniques in brain stimulation and/or imaging (e.g., ultrasound stimulation, optogenetic stimulation, magnetic resonance, and in general, techniques still in early phases of clinical testing or pre-clinical development) for application in clinical settings.
3. Computational neuroscience researcher with interests in normal brain function (e.g., sensory systems, sleep, consciousness, neuroeconomics) and/or neurological/psychiatric dysfunction (e.g., schizophrenia, autism, attention-deficit hyperactivity disorders). Significant experience in modeling and computational techniques is required.

The successful candidates are expected to maintain an active, externally funded collaborative program of research, to publish in top-tier journals, and to be committed to both undergraduate and graduate education. A history of obtaining external grant support is necessary for senior candidates; junior candidates are expected to have a strong potential for funding. The optimal candidates should also have great interaction skills to foster research partnership with colleagues at CCNY.

To apply, please view the original posting (Job ID 8049) at www.cuny.edu and follow all instructions.

EO/AA Employer

Max Planck Institute of Immunobiology and Epigenetics

Search for a new DIRECTOR

The Max Planck Institute of Immunobiology and Epigenetics in Freiburg (Germany) (www.ie-freiburg.mpg.de) is in the process of identifying a new director in the field of immunobiology.

The general interest of the institute is in mechanisms underlying the function of the immune system, cell signalling, regulation of gene expression and the epigenetic aspects of chromatin structure and function. We study these processes at the molecular, cellular and organismic levels and welcome the use of any experimental system.

The working language at the institute is English. Although there are no teaching obligations, the institute has close connections to the University of Freiburg.

The Max Planck Society is an independent, non-profit organization that promotes research at its own institutes. The Max Planck Society encourages the pursuit of new challenging directions that require the long-term commitment of substantial resources.

Qualified candidates should send a curriculum vitae, a short statement of research interests and scientific goals and reprints of key publications to the Managing Director, Max Planck Institute of Immunobiology and Epigenetics, Stübeweg 51, 79108 Freiburg, Germany, before June 30th, 2013 (e-mail: jenuwein@ie-freiburg.mpg.de).

The Max Planck Society is aiming at increasing the percentage of women among its scientific leadership, particularly at the director level and therefore strongly encourages expressions of interest from and nominations of qualified women.

Open Rank Faculty (Professorial) - Translational Neuroscience (Three Positions)

ASSISTANT PROFESSOR
Division of Immunology
Department of Microbiology and Immunobiology
Harvard Medical School, Boston, MA

The Division of Immunology of the Department of Microbiology and Immunobiology at Harvard Medical School invites applications for a tenure-track position at the rank of Assistant Professor. We seek an outstanding scientist performing basic and/or translational research at the interface of Immunology and Microbiology. Examples of preferred research areas include (but are not limited to): the innate/adaptive immune system interface, host/pathogen interactions, anti-microbial responses, and immune system/microbiome interplay.

This position offers outstanding scholarly and scientific resources in a collegial and collaborative department with strong ties to related departments throughout Harvard University, the Harvard affiliated teaching hospitals and the Boston immunology/microbiology community. The position provides the opportunity to join a growing coalition of researchers at Harvard Medical School interested in molecular and quantitative approaches to basic immunological and microbiological diseases. The position also offers the opportunity to teach exceptional graduate and medical students with strong interests in immunology/microbiology. The research space will be located in a recently constructed research building at Harvard Medical School. Candidates must have a Ph.D., M.D. or an equivalent graduate degree.

For consideration please upload to the website below a cover letter, a C.V. and a concise summary of research accomplishments and interests which should include a list of publications. Contact information for three letters of reference should also be included.

The application period closes July 31, 2013. Submit all materials via:

https://academicpositions.harvard.edu/postings/4783

Harvard Medical School is an Affirmative Action/Equal Opportunity Employer. Qualified female and minority candidates are encouraged to apply.

The University of Texas at Dallas
The School of Natural Sciences and Mathematics

FACULTY POSITION IN BIOLOGICAL OR BIOMEDICAL PHYSICS

The Department of Physics at The University of Texas at Dallas (UTD) invites applications for a full-time tenure-track or tenured faculty position in the general areas of experimental biological physics, bio-materials physics, bio-medical physics, and advanced physical imaging methods, to begin sometime during the 2013-2014 academic year. A Ph.D. in physics is preferred, and a strong record of research experience in these or closely related fields is required. The successful candidate is expected to define and lead a cutting-edge research program to develop research collaborations with other UTD programs in biological and bio-medical science and engineering, such as the Department of Molecular and Cell biology, the Department of Bioengineering, the Texas Biomedical Device Center, as well as with the nearby University of Texas Southwest Medical Center. Responsibilities also include teaching physics courses and supervising students at the undergraduate non-major, undergraduate major, and graduate levels. An appropriate amount of start-up funding and space will be available. UTD is primarily searching for someone at the tenure-track Assistant Professor level, but unusually well qualified candidates may be considered for appointment as Associate Professor or Professor.

Applications will be accepted and reviewed until the position is filled. Questions regarding this position may be directed to Prof. Mark Lee (marklee@utdallas.edu). Indication of gender and ethnicity for affirmative action statistical purposes is requested as part of the application.

Applicants should submit a cover letter, a curriculum vitae including publication list, a statement of research and teaching interests, and a minimum of three letters of recommendation via the ONLINE APPLICATION FORM available at: http://go.utdallas.edu/pos130424

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AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you're not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers
AAAS is here – promoting universal science literacy.

In 1985, AAAS founded Project 2061 with the goal of helping all Americans become literate in science, mathematics, and technology. With its landmark publications Science for All Americans and Benchmarks for Science Literacy, Project 2061 set out recommendations for what all students should know and be able to do in science, mathematics, and technology by the time they graduate from high school. Today, many of the state standards in the United States have drawn their content from Project 2061.

Every day Project 2061 staff use their expertise as teachers, researchers, and scientists to evaluate textbooks and assessments, create conceptual strand maps for educators, produce groundbreaking research and innovative books, CD-ROMs, and professional development workshops for educators, all in the service of achieving our goal of universal science literacy.

As a AAAS member, your dues help support Project 2061 as it works to improve science education. If you are not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/project2061
AAAS is here – bringing scientific expertise to policy making.

Good science policy is the result of politicians understanding science and scientists understanding policy. Toward this end, AAAS manages the Science & Technology Policy Fellowships program, which embeds scientists and engineers in the federal government for up to two years. From Congress to the State Department, each class of Fellows contributes to the policy-making process while getting hands-on experience at the intersection of science and policy. As a AAAS member your dues support these efforts. If you’re not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/fellows
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Around the world, governments turn to AAAS as an objective, multidisciplinary scientific authority to educate public officials and judicial figures on today’s most pressing issues. And this is just one of the ways that AAAS is committed to advancing science to support a healthy and prosperous world. Join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/policy
POSITIONS OPEN

FACULTY POSITION
Assistant/Associate/Full Professor in Pharmaceutics

The Department of Pharmaceutical Sciences in the College of Pharmacy at the University of Tennessee Health Science Center in Memphis, Tennessee, is seeking an outstanding applicant for a 12-month full-time, tenure-track faculty position at the full, associate, or assistant professor level that is state supported. The successful candidate is expected to have a strong research program in the area of: pharmaceutics, physical pharmacy, drug delivery, gene therapy, nanotechnology, nanomedicine, regenerative medicine, bio-imaging, biosensors, biomedical engineering, or other related discipline with focus on drug discovery and development. The successful candidate is expected to have a Ph.D. or equivalent degree, the ability to maintain a competitive extramural funding, a commitment to excellence in teaching Pharm.D. and graduate programs, and have excellent oral and written communication skills. Applications will be processed until the position is filled. Please submit a cover letter, curriculum vitae, summary of research and teaching interests, and three letters of reference to: Dr. John Buolamwini, Chair of Faculty Search Committee, Department of Pharmaceutical Sciences, 847 Monroe Ave, Suite 327, Memphis, TN 38163, electronically at e-mail: jbuolamwini@uthsc.edu.

The University of Tennessee Health Science Center is located in Memphis, TN, an economically vibrant center, with a metropolitan population of more than 1.3 million, reflecting the richness along the bluffs of the mighty Mississippi River. The College of Pharmacy is located in a new, six-story 187,000 square-foot building with state-of-the-art research space and teaching facility on the Health Science Center complex.

The University of Tennessee Health Science Center is an Equal Opportunity/Affirmative Action Employer.