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Science Careers

From the journal Science

EDITOR-IN-CHIEF

SCIENCE

The American Association for the Advancement of Science (AAAS), publisher of the international journal Science, has initiated a search for a new Editor-in-Chief. One of the premier journals in the world, Science is published weekly and includes reviews and reports of research across the spectrum of science and engineering, with an emphasis on those with cross-disciplinary impact and interest. The journal also serves as a forum for the presentation and discussion of the latest news and other issues surrounding science, with particular emphasis on the interactions among science, technology, government, and society.

In selecting an Editor-in-Chief, the Board of Directors will give weight to evidence of significant achievement in scientific research, editorial experience and creativity, awareness of leading trends broadly in science and scientific communication, and managerial abilities.

Applications or nominations should be accompanied by complete curriculum vitae, including a list of refereed publications, and should be sent to: Gretchen Seiler, Executive Secretary, Search Committee, 1200 New York Avenue, NW, Washington, DC 20005. Salary is negotiable based on qualifications and experience. Application materials should be sent by September 15, 2012.

The AAAS is an Equal Opportunity Employer.

UT SOUTHWESTERN MEDICAL CENTER

Faculty Opening for Division Chief
July, 2012

The Department of Radiation Oncology at UT Southwestern Medical Center seeks an exceptional senior scientist to head the department’s division of Molecular Radiation Biology. Applicants must have a Ph.D. or M.D./Ph.D. and a vigorous and ambitious independent research program in an area of cancer biology that is related to radiation oncology, as well as grant funding and a significant record of peer-reviewed publication. The program should complement and expand existing research strengths within the division, which includes molecular oncology, cell signaling, hypoxia and the DNA damage response. Candidates should have a successful record as the manager of a productive research team and an enthusiasm for promoting collaboration within a multidisciplinary environment.

The Division of Molecular Radiation Biology currently has 60 employees, including seven senior Ph.D. investigators and three M.D./Ph.D. translational researchers as well as other junior research faculty, postdoc and graduate student trainees, and lab technicians. There is also significant dedicated administrative support staff. The division has approximately 10,000 square feet of contiguous lab space, including 6 large labs and core space for tissue culture, microscopy, and other shared resources.

The appointment will be at the level of Professor, with tenure (contingent upon approval by the institutional promotion and tenure committee). A generous start up package will include substantial lab space and funding for equipment or faculty/staff/trainees. Of particular note, the Cancer Prevention and Research Institute of Texas (CPRIT) has awarded over $106 million in grants to investigators at UT Southwestern, including funding opportunities for recruitment of pre-eminent cancer investigators.

Applicants should email their curriculum vitae, the names of three references, and a brief description of their research goals to the attention of Dr. Hak Choy at Hak.Choy@utsouthwestern.edu.

UT Southwestern is an Equal Opportunity Employer.
Marion Hitchcock wants to make the world a better place - for everyone. As a scientist at Bayer, Marion knows she is doing just that. Searching for solutions and never giving up. That is the passion that unites all of us at Bayer. We call it the Bayer Spirit. If you feel it, too, then it is high time we had a chance to talk about a career at Bayer.

**Research Scientist Pharmacology**

Bayer Pharma AG, Berlin, Germany

**Job description** As a research scientist for Bayer Pharma AG, Berlin, your tasks will involve characterizing novel drug candidates as potential treatment option for oncology patients. You will establish state of the art in vitro assays to characterize the mode of action of drug candidates and use them in the characterization, optimization and selection processes. Your expertise is strong in establishing innovative animal models to support the drug candidate development. Your assignments also include the scientific planning, evaluation, interpretation and presentation of experimental studies, as well as the collaboration in interdisciplinary project groups.

**Your qualifications** Your profile comprises a university degree in Biology, Biochemistry, Pharmacy or Veterinary Medicine with a PhD in the field of oncology, veterinary sciences or pharmacology. To be successful in this role, a very good knowledge, and strong hands-on experience, in the field of in vitro pharmacology and the performance of tumor experiments in vivo is essential. You should have several years of professional experience in the field of oncology or related discipline, preferably in an industrial setting. Knowledge and expertise in the areas of signal transduction pathways, immunotherapy, tumor metabolism or in vivo imaging would be an advantage. Outstanding written and verbal English skills are required, basic German knowledge is helpful. The ability to deal routinely with conventional IT applications is required. Your profile is rounded off by the ability to work in a team as well as independently, a sense of responsibility, the ability to work under pressure, organizational talent and the expertise to instruct and train staff.

**Your application** We offer a competitive salary in an international environment as well as excellent opportunities for professional and personal development. If your background and personal experience fits this profile, please send us your complete application at www.myBayerjob.de (Reference Code 0000039864), submitting a cover letter, your CV and references.
Faculty of Health and Life Sciences  
Institute of Translational Medicine  
Department of Molecular and Clinical Pharmacology  
and MRC Centre for Drug Safety Science

The University of Liverpool invites applications for a number of Chair posts based in the Department of Molecular and Clinical Pharmacology and prestigious MRC Centre for Drug Safety Science. The MRC Centre provides fundamental mechanistic insight into clinically important adverse drug reactions to allow for safer drug design and more informed patient care.

These posts are part of the University’s continued and significant commitment to the MRC Centre. You must be an outstanding individual with established independent research programmes able to take senior strategic roles in the MRC Centre as it expands. Candidates from the Pharmaceutical Industry will also be considered. Attractive support packages will be available together with high quality laboratory research space and an opportunity to develop further refurbished research laboratories.

**Chair in Molecular Pharmacology/Toxicology**

Salary Negotiable

To develop any area of Molecular Pharmacology or Molecular Toxicology relevant to the goals and remit of the MRC Centre. Job Ref: A-576899/S

**Chair in Cancer Pharmacology**

Salary Negotiable

To develop Cancer Pharmacology and support the development of novel therapeutic agents with a particular focus on safe drug design. Job Ref: A-580278/S

**Chair in Pharmacometrics**

Salary Negotiable

To strengthen the quantitative pharmacology work of the Centre, we seek a specialist in any of the following fields: pharmacokinetics and pharmacodynamic modelling or pharmacoepidemiology. Job Ref: A-576898/S

**Chair in Systems Pharmacology**

Salary Negotiable

We seek a Systems Biologist or Bioinformatician to develop Systems Pharmacology at the University. Job Ref: A-580277/S

Closing date for all posts: 3 September 2012

For full details, or to request an application pack, visit www.liv.ac.uk/working/job_vacancies/ or e-mail jobs@liv.ac.uk Please quote job ref in all enquiries.

COMMITTED TO DIVERSITY AND EQUALITY OF OPPORTUNITY

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**ETH**

Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

**Assistant Professor of Cellular Biochemistry**

**Assistant Professor of Systems Biology**

The Department of Biology (www.biol.ethz.ch) at ETH Zurich invites applications for above-mentioned Assistant Professorships (non-tenure track).

The Department of Biology offers outstanding scientific opportunities to participate in interdisciplinary research projects, including close interactions with the Swiss Initiative in Systems Biology (SystemsX.ch), the Functional Genomics Center Zurich, and the light- and electron microscopy facilities at ETH Zurich. An interactive, state-of-the-art research environment is provided at the campus Hoenggberg, with colleagues in computer science, chemistry and physics both at ETH Zurich and University of Zurich.

Research programmes in Cellular Biochemistry should be directed towards molecular mechanisms underlying the dynamic organisation of cellular processes and cell architecture with a preferred emphasis on membrane dynamics and lipid biology. Potential topics include, but are not limited to cell growth and division, intracellular transport, and organelle organisation and inheritance. The professorship will ideally be located in the Institute of Biochemistry, taking advantage of its strengths in light microscopy.

Research in Systems Biology should focus on cellular systems and processes as integrated networks of interacting molecules. The research programme should be directed to the dynamics of uni- or multicellular systems by applying or developing quantitative methods that may include omics techniques, live imaging or single cell analyses. The professorship will be part of the Institute of Molecular Systems Biology.

The successful candidates will be expected to establish and lead an independent and internationally competitive research group that attracts external funding, with the support of the joint mentoring programme between the Department and the hosting Institutes. In addition, they will actively contribute to the research environment in the Department, and participate in the teaching of graduate and undergraduate students. They will contribute to the ongoing efforts to increase teaching of quantitative approaches in biology. In particular, the candidates will participate in the Bachelor and Master curriculum in Systems Biology and Cellular Biochemistry. The new professors will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

The assistant professorships have been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period.

Your application should include your curriculum vitae, a list of publications, a statement of your research and teaching interests, and the names of at least three referees. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Ralph Eichler. The closing date for applications is 30 September 2012. ETH Zurich is an equal opportunity and affirmative action employer. In order to increase the number of women in leading academic positions, we specifically encourage women to apply. ETH Zurich is further responsive to the needs of dual career couples and qualifies as a family friendly employer. Please apply online at www.facultyaffairs.ethz.ch.
Molecular Biomarker Scientist

Who we are
At Roche, 80,000 people across 150 countries are pushing back the frontiers of healthcare. Working together, we’ve become one of the world’s leading research-focused healthcare companies. Our success is built on innovation, curiosity and diversity.

The headquarters in Basel is one of Roche’s largest sites, over 8,000 people from approximately 80 countries work at Roche Basel. Favored by its geographic location in the heart of Europe, the Basel area is one of the most dynamic economic regions in Switzerland – a great place to live and work.

The Position
As Molecular Biomarker Scientist you are part of the Discovery group in the Neuroscience Department at the Roche Headquarters in Basel. The core responsibility is to develop molecular biomarker strategy for projects starting at entry into human GLP, and to communicate this strategy to the corresponding Biomarker Experimental Medicine Leaders and Translational Medicine Leaders. In this position you will:

- assess the literature/science on genetics of CNS disorders and drug responders/non-responders to suggest new targets and patient stratification criteria
- work closely with BEMLs to facilitate implementation of molecular biomarker strategy for individual projects
- perform and/or oversee analysis of genetic biomarker data from clinical trials and experimental medicine studies
- be encouraged to write project proposals to secure funding for Postdocs to support the Biomarker team

Who you are
You’re someone who wants to influence your own development. You’re looking for a company where you have the opportunity to pursue your interests across functions and geographies. Where a job title is not considered the final definition of who you are, but the starting point.

As the successful applicant you:

- have experience with high dimensional data analysis of genomic and proteomic data, clinical trial methodology, and biostatistical analysis of clinical trial data
- are comfortable analyzing large data sets
- have a PhD and postdoctoral research experience in molecular neuroscience, human genetics, or efficacy pharmacogenetics
- are proactive and work effectively with different groups and team members
- are fluent in English (spoken and written)

Job ID No.: 00400273
Contact HR: K. Arnold, Phone: +41 61 68 74476
The next step is yours. To apply online for this position visit www.careers.roche.ch

Roche is an Equal Opportunity Employer

Academic Talents Recruitment
Northwest A&F University, Shaanxi, China

Northwest A&F University (NWAFU) is one of the key universities in China supported by the Central Government under the "Project 985" and "Project 211". It is located in Yangling, Shaanxi Province, the birth place of Chinese agricultural civilization. Founded in 1934 as the first high education institution in modern agriculture and forestry, NWAFU has achieved significant progresses and developments in the past 78 years. Now with its 23 colleges and departments, NWAFU is the most comprehensive university in agriculture, forestry and hydro-science in China and one of the nation’s premier research-oriented universities.

Recently, NWAFU has established Special Professorships in the following academic areas and invites highly talented and motivated candidates to apply:

I. Academic areas with job openings
Maize genomics and molecular breeding,
Vegetable molecular breeding,
Tree genetics and breeding,
Animal molecular breeding,
Apple genomics,
Functional genomics of plant nutrition,
Crop functional genomics,
Soil chemistry,
Soil erosion prediction model,
Animal cell engineering and embryo engineering,
Pathogenic microorganisms of animals,
Plant stress biology,
Material cycling in watershed ecosystem,
Structural optimization and structure-function relationship of biologically active natural substances,
Food safety,
Theoretical and techniques of crop high-efficiency water use,
Hydrological modeling theory and methods,
Agricultural machinery and technology,
Forestry economics and policy,
Contemporary sociological theory and research methods.

II. Applicant Eligibility
2.1 Ph.D. degree in related disciplines. Under 45 years old for applicants in natural sciences and under 50 years old for those in social sciences.
2.2 Holding an assistant professor or more senior position for international applicants. A rank of full professor or equivalent for domestic applicants.

III. Benefits and Salary
3.1 Entitlement of full professor and supervisor of Ph.D. students.
3.2 A minimal startup funding of ¥3 million for candidates in natural sciences and ¥1 million for those in social science.
3.3 An apartment (150-180sqm) and a ¥0.3 million household allowance will be provided. Ownership of the apartment will be transferred to the faculty members after serving the university for ten years.
3.4 In addition to regular salary and benefits, qualified applicants will be compensated with an annual allowance of ¥0.1-0.5 million. International candidates will receive a minimal annual salary of ¥0.6 million.
3.5 Spouse hiring will be accommodated.

IV. Application Procedure
4.1 Applicants should provide: An English version of curriculum vitae with lists of publications, research interests and professional titles and activities; A statement of research accomplishments and future teaching and research plan; PDF copies of academic transcripts, diploma and degree certificate, five representative papers or books and documents for funded projects, awards, patents and keynote speakers at international conferences, etc; Three recommendation letters with referees’ e-mails and telephone numbers.
4.2 NWAFU will conduct a preliminary screen and invite eligible candidates to Yangling for an interview and campus visit. The selected candidates need to sign a contract with the university. See our Chinese ad at http://rcb.nwafu.edu.cn/show.php?articleid=539

V. Contact
Address: No. 3 Taicheng Road, Yangling, Shaanxi Province, 712100 China.
Contact Persons: SUN Ma, or ZHANG Pengfei
Tel: +86-29-87082855, 87082577, Fax: +86-29-87082855
E-mail: rencaike@nwafu.edu.cn; rencaiban@gmail.com.
The university’s website: http://www.nwafu.edu.cn
THE INTERNATIONAL VACCINE INSTITUTE
POSITION ANNOUNCEMENT
-Portfolio Management Director-
The International Vaccine Institute (IVI) is an independent international organization and focuses on research and development of new and improved vaccines for use in developing countries. The Institute is located in Seoul, Korea. For more information about IVI, please visit www.ivi.int.

IVI is looking for a Portfolio Management Director (PMD). The PMD will oversee the main programs of the Institute, as well as Business Development and Grant Management. In addition, the PMD will co-chair with the Chief Scientific Officer, a Review Committee that will internally monitor all of the Institute’s research programs.

The roles and responsibilities of the PMD include:
• To ensure that each program is on target according to the milestones and budget.
• To ensure high quality and timely reporting to funders.
• To lead the Institute’s strategic prioritization process with strategic planning.
• To develop Portfolio Management systems and processes.
• To be the Performance Leader for the Program Leaders, Business Development Manager, and Grant Manager.
• To recruit staff and build a team for the new Portfolio Management Unit.
• To identify and seek new sources of funding.

The candidate should have a minimum of 15 years of experience in the vaccine industry or in product development partnerships and possess a solid understanding of vaccine R&D. A Ph.D. in relevant scientific disciplines is preferred but a successful and proven track record in portfolio management will also be considered. As the position involves working in a multicultural setting, the PMD must be a quick learner and nimbly adapt to fluidly changing circumstances. Proficiency in English is required.

Letters of interest along with current curriculum vitae should be received by August 31, 2012 and should be submitted via IVI website www.ivi.int.
Are you a top-level Scientific Researcher or Scientific Administrator seeking a career at the one of the preeminent health institutes in the nation and the world? Are you at that point in your career where you’re ready to “give back”? The position of Director, National Institute of General Medical Sciences (NIGMS), National Institutes of Health (NIH), offers a unique and exciting opportunity to provide leadership, administer, foster, and support research in the basic and general medical sciences, and in related natural or behavioral sciences. The Director, NIGMS, develops Institute goals, priorities, policies, and program activities, and keeps the Director, NIH abreast of NIGMS developments, accomplishments, and needs as they relate to the overall mission of the NIH. S/he is responsible for managing a high-level complex organization and serves as the chief visionary for the Institute. The mission of NIGMS is to support research that increases understanding of life processes and lays the foundation for advances in disease diagnosis, treatment, and prevention.

We are looking for applicants with senior level experience who have a commitment to excellence and the energy, enthusiasm, and innovative thinking necessary to lead a dynamic and diverse organization.

The successful candidate for this position will be appointed at a salary commensurate with his/her qualifications. Full Federal benefits will be provided including leave, health and life insurance, long-term care insurance, retirement, and savings plan (401k equivalent).

If you are ready for an exciting leadership opportunity, please see the detailed vacancy announcement at http://www.jobs.nih.gov (under Executive Jobs).

Applications will be reviewed starting October 1, 2012 and will be accepted until the position is filled.

NIGMS, NIH, AND DHHS ARE EQUAL OPPORTUNITY EMPLOYERS

MEETINGS

EurPOM 2012
European Congress of Immunology
Glasgow Scotland 15-8 September 2012
A Healthier Future Through Research, Education & Innovation

Take Advantage of Special accommodation rates for ECI participants
Register online Now!

Will you be joining 5,000 delegates with the same passion and interests as you?

In Addition: For more information and to secure your place, visit us at www.eci-glasgow2012.com

Book both The European Congress of Immunology and 4th European Veterinary Immunology Workshop and benefit from a 10% discount on both congresses. EVIW will be held from the September 2-4, 2012 in Edinburgh.

Why you should attend both congresses?
• Receive a 10% discount on both congresses
• EVIW is being held at the Royal College of Surgeons, Edinburgh – only one hour from Glasgow
• Both congresses offer a rich scientific programme focusing on current and future trends in immunology
• Your opportunity to discover Scotland
**POSITIONS OPEN**

ASSISTANT/ASSOCIATE PROFESSOR in Infectious Diseases

A scientist using multidisciplinary approaches to investigate Biosafety Level 3 (BSL3) organisms is sought for a tenure-track position at Montana State University in Bozeman. We are seeking an individual with a research program focused on BSL3 pathogens that pose a significant health risk to humans and animals. The new hire will be an Investigator in the Center for Zoonotic and Emerging Infectious Diseases (website: [http://www.montana.edu/cobec](http://www.montana.edu/cobec)). The position appointment is ~70% research, and includes a competitive institutional salary (nine months), and a generous startup package. Pathogen-containment facilities are in place and accommodate small (BSL3 & BSL-2) and large (ABSL-2) animal research. The Department has strong research programs in immunology and microbial pathogenesis and is housed in a state-of-the-art facility with core laboratories for flow cytometry, cell biology, and molecular sciences. A doctoral degree in a biomedical discipline, postdoctoral experience, and the potential to establish an independent competitive research program are required for the Assistant Professor level. For the Associate level, evidence of an established research program is required. A letter of application, curriculum vitae, and summary statement describing research plans and grant proposals should be sent, preferably electronically as a single PDF; to e-mail: cherylj@montana.edu, Attn: Faculty Search. Three letters of reference should be sent to the same e-mail address or to: Chair, Search Committee, Department of Immunology and Infectious Diseases, PO Box 173610, Montana State University, Bozeman, MT 59717-3610. Screening will begin September 1, 2012 and will continue until a suitable applicant is hired. For a full job description and additional information about our department, visit our website: [http://iid.montana.edu](http://iid.montana.edu). ADA/Equal Opportunity/Affirmative Action/Veterans Preference.

ASSISTANT PROFESSOR, TENURE-TRACK

College of Saint Benedict/Saint John’s University Biology, Genetics

The joint Biology Department of the College of Saint Benedict and Saint John’s University is seeking to fill a full-time tenure track, assistant professor position starting August 2013. We seek a dynamic teacher-scholar with a strong commitment to teaching, service, and research in an undergraduate liberal arts environment. The successful candidate will have a Ph.D. and must be able to teach introductory biology, a course in genetics, and courses in the candidate’s area of specialty. Although all candidates with genetic and genomic research interests will be considered, candidates whose research interests involve the application of genetic or genomic techniques to our extensive campus natural settings are especially encouraged to apply. Candidates should provide evidence of their potential to excel at teaching, develop a research program involving undergraduates, and compete for extramural funding.

The College of Saint Benedict, a liberal arts college for women, and Saint John’s University, a liberal arts college for men, are located four miles apart in Central Minnesota just outside metropolitan St. Cloud and 70 miles from Minneapolis. Both are Catholic colleges in the Benedictine tradition, which emphasize quality teaching and a commitment to intercultural learning. For further information, see website: [http://www.csbsju.edu](http://www.csbsju.edu). Visit our website for more information and to apply online at website: [http://employment.csbsju.edu](http://employment.csbsju.edu). Women, individuals of diverse racial and cultural backgrounds, and persons with disabilities are encouraged to apply. College of Saint Benedict and Saint John’s University are Affirmative Action/Equal Opportunity Employers.
Born in 1564, Galileo Galilei once contemplated a career in the priesthood. It's perhaps fortunate for science that upon the urging of his father, he instead decided to enroll at the University of Pisa. His career in science began with medicine and from there he subsequently went on to become a philosopher, physicist, mathematician, and astronomer, for which he is perhaps best known. His astronomical observations and subsequent improvements to telescopes built his reputation as a leading scientist of his time, but also led him to probe subject matter counter to prevailing dogma. His expressed views on the Earth's movement around the sun caused him to be declared suspect of heresy, which for some time led to a ban on the reprinting of his works.

Galileo's career changed science for all of us and he was without doubt a leading light in the scientific revolution, which is perhaps why Albert Einstein called him the father of modern science.

Want to challenge the status quo and make the Earth move? At Science we are here to help you in your own scientific career with expert career advice, forums, job postings, and more — all for free. Visit Science today at ScienceCareers.org.

For your career in science, there's only one ScienceCareers.org

Career advice | Job postings | Job Alerts | Career Forum | Crafting resumes/CVs | Preparing for interviews

Research Fellow Thymic Development

A postdoctoral position is now available for a highly motivated scientist to study thymic development involving plexin-semaphorin regulated migration of thymocytes. The successful candidate should have a PhD degree and be familiar with basic techniques such as animal handling, multicolor flow cytometry, multicolor confocal microscopy and cell biology. Research experience in immunology and strong background in T cell development/migration are essential, along with expertise in biochemistry/molecular biology. If interested, please send your CV, a brief summary of research experience and names of three referees to: Ellis Reinherz, MD, Professor, Department of Medical Oncology, Dana-Farber Cancer Institute, 450 Brookline Ave., Boston, MA 02215; Email: ellis_reinherz@dfci.harvard.edu.

Yale University Faculty Position in Plant Ecology

The Department of Ecology and Evolutionary Biology at Yale University invites applications for a tenure-track assistant professor position in plant ecology, including interactions between plants and other organisms and biogeochemical cycles. We seek applicants that use creative approaches to address fundamental questions in ecology. We are particularly interested in applicants that have or would develop a strong field research program. A record of outstanding achievement and a promising research program are more important than the specific research area.

Interested candidates should submit a CV, three relevant reprints or manuscripts, brief research and teaching statements, and names and addresses of three potential evaluators online at https://academicjobsonline.org/ajo/Yale/EEB. The search will remain open until the position is filled. The review of applications will begin 1 September 2012.

Yale University is an Equal Opportunity/Affirmative Action Employer. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women and underrepresented minorities.

Research Microbiologist, GS-0403-12/13

Salary Range of $68,809 to $106,368

The Food Safety and Enteric Pathogens Research Unit in the National Animal Disease Center in Ames, Iowa is seeking a qualified Research Microbiologist to conduct culture and metagenomics analysis of microbial communities in the turkey intestinal tract. The scientist develops alternatives to antibiotics for controlling intestinal colonization by the foodborne pathogen Campylobacter, NADC is the premier research institute within the USDA for studying diseases of large animals and has recently undergone a $500 million upgrade of laboratory facilities. Resources for the position include flow cytometry, mass spectrometry, laser capture microdissection microscopy, Roche FLX, Solexa-Illumina and AP3100 sequencers, an electron microscopy/histology facility, bioinformatics resources, and both conventional and gnotobiotic large animal support. A PhD in microbiology or a related field is required. Assigned research requires a professional knowledge of microbial genetics diversity, biochemistry, and pathogenesis; metagenomic analyses of microbial ecosystems. Contact: Application procedure: Kim Grondon 515-337-7277. Scientific information: Thad.Stanton@ars.usda.gov. For details and application directions, visit the website www.usajobs.gov and refer to announcement number ARS-X12E-0080. U.S. citizenship is required. Applications must be made between Aug. 20 and Sept. 28, 2012. USDA/ARS is an Equal Opportunity Employer and Provider.
ASSISTANT PROFESSOR

Biological Chemistry The Johns Hopkins University School of Medicine

The Department of Biological Chemistry at The Johns Hopkins University School of Medicine invites applications for a new tenure-track faculty position at the Assistant Professor level. The Department is seeking candidates with an outstanding record in any area of biochemistry, cellular, or molecular biology and a commitment to excellence in research and teaching. Applicants should submit (preferably, as a single PDF file) curriculum vitae, list of publications, summary of research accomplishments, and a description of their future research plans by October 31, 2012. Electronic files should be sent to e-mail: biolchemistry@jhu.edu. Applicants should also request that three letters of recommendation be sent electronically or to the address below:

Gerald W. Hart, Ph.D.
Faculty Search Committee Chair
C/O Ms. Angelina Hines
Department of Biological Chemistry
The Johns Hopkins University
School of Medicine
725 North Wolfe Street
Baltimore, MD 21205-2185

Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF MICHIGAN

Interdisciplinary Cluster in Sustainable Food Systems

Three tenure-track faculty positions are currently available at the University of Michigan within a larger cluster focusing on sustainability of the food system. Positions are likely to be at the level of ASSISTANT PROFESSOR, although exceptional candidates at higher ranks will be considered. We are searching for individuals with interdisciplinary interests who take experimental or theoretical approaches to the problems of sustainable production and consumption of food.

Each hire will have a one-year (nine-month) appointment in one of three tenure-granting units, the Department of Ecology and Evolutionary Biology (EEB), the School of Natural Resources and Environment (SNRE), or the School of Public Health (SPH). EEB seeks applicants working in ecological or evolutionary aspects of the food system from production to consumption. SNRE seeks natural scientists (including ecology, agroecology, agroforestry, hydrology, ecological modeling, spatial analysis, sustainability science, and related disciplines) working in any ecological aspect of sustainability in the food system with an international or domestic focus. SPH seeks applicants with expertise in sustainable food systems in relation to the environment, human health, and equity, including a focus on economic, racial and ethnic, urban and rural disparities in food distribution, relationships between food systems and environmental health, and their implications for public health, nutrition, and related health outcomes. The SPH candidate will have a primary appointment in one of three departments: Environmental Health Science, Epidemiology, or Health Behavior and Education. The specific appointment will depend on the candidate’s interests and training.

teaching duties vary with curricular needs of the unit. The larger cluster includes positions in business and regional planning. Successful candidates will be expected to be active participants in the interdisciplinary activities of the Sustainable Food System Cluster.

To apply and for further information, see website: http://sitemaker.umich.edu/sustainablefoodsystems.

Review of applications will begin on or about October 1, 2012. Women and minorities are encouraged to apply. The University is supportive of the needs of dual-career couples. The University of Michigan is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL FELLOW

POSTDOCTORAL FELLOW

Bacterial Pathogenesis

Postdoctoral Fellow position is available immediately to join the collaborative research group of Dr. Jeffrey D. Cirillo studying tuberculosis pathogenesis. Scientists who currently work in our program are responsible for conducting independent research on mycobacterial pathogens and publication of results. Research will emphasize the molecular, cell biological, live animal molecular imaging and immunological characterization of functional interactions with the host in mice and guinea pig virulence models. Ph.D. required and a record of productive experience in molecular biology of bacterial pathogens. Please send curriculum vitae and names and addresses of three references postmarked by August 31, 2012 (or until a suitable candidate is found), to Dr. Jeffrey D. Cirillo, Department of Microbiology & Molecular Pathogenesis, Texas A&M Health Science Center, 8447 State Highway 47, 3107 Medical Research and Education Building, Bryan, TX 77808 or Fax: (979) 862-8909. Contact e-mail: cirillo@tamu.edu. The Texas A&M Health Science Center is an Affirmative Action/Equal Opportunity Employer. Contact: Dr. Cirillo, telephone: 979-436-0343 for additional information.

ASSISTANT PROFESSOR

Biochemistry

The California State University, East Bay (CSUEB) Department of Chemistry & Biochemistry invites applications for a tenure-track Assistant Professor position in Biochemistry (#12-13 CHEM-BIOCHEMISTRY-TT) for the 2013–2014 academic year. The successful candidate will have extensive training in biochemistry and a strong commitment to teaching. Applicants should be prepared to establish an externally funded research program in biochemistry for undergraduate and Master’s students. Teaching responsibilities include courses in genomics and biotechnology, and a strong commitment to teaching.

The Department of Chemistry & Biochemistry has interests and training in genomic analysis, protein structure determination, and biological information modeling, spatial analysis, genetics, and sustainable consumption. SNRE seeks natural scientists (including ecology, agroecology, agroforestry, hydrology, ecological modeling, spatial analysis, sustainability science, and related disciplines) working in any ecological aspect of sustainability in the food system with an international or domestic focus. SPH seeks applicants with expertise in sustainable food systems in relation to the environment, human health, and equity, including a focus on economic, racial and ethnic, urban and rural disparities in food distribution, relationships between food systems and environmental health, and their implications for public health, nutrition, and related health outcomes. The SPH candidate will have a primary appointment in one of three departments: Environmental Health Science, Epidemiology, or Health Behavior and Education. The specific appointment will depend on the candidate’s interests and training.

teaching duties vary with curricular needs of the unit. The larger cluster includes positions in business and regional planning. Successful candidates will be expected to be active participants in the interdisciplinary activities of the Sustainable Food System Cluster.

ASSISTANT PROFESSOR

Department of Biology

The Department of Biology at Bryn Mawr College invites applications for a full-time, beginning tenure-track Assistant Professor position in the area of Genomics to begin August 1, 2013. We are searching for an individual who takes a genome approach to biological problems using a combination of bioinformatic, statistical, computational, and biological methodological, and who will thrive in an environment that combines teaching, research, and interdisciplinary collaboration. The successful candidate is expected to teach at least all of the curriculum and establish an externally funded research program that provides rigorous collaborative research projects for undergraduates. Teaching responsibilities include courses in genomics and in the candidate’s area of expertise, as well as involvement in the team-taught introductory biology sequence. A Ph.D. and at least one year of post-doctoral research experience are required. Applicants should submit, via regular mail only, a cover letter specifying the position number, curriculum vitae, a one-page statement of teaching philosophy, a three-page statement of research plans, and arrange to have three representatives send letters of support to: Dr. Ann McPartland, Chair, Department of Biology and Biochemistry, California State University, East Bay, Hayward, CA 94542. Review of applications begins September 14, 2012, and continues until the positions are filled. CSUEB’s Equal Opportunity Program is committed to the principles of diversity in employment.

ASSISTANT PROFESSOR

Department of Biochemistry

The Department of Biochemistry at The Johns Hopkins University School of Medicine invites applications for a new tenure-track position in Systems Biology at the level of ASSISTANT PROFESSOR. The position is integral to our new undergraduate Major in Molecular and Integrative Biology and will strengthen the department’s teaching and research mission in basic science. The individual will combine transcriptomic, metabolomic, and/or proteomic analysis with computational modeling exploring the role of gene regulatory networks or protein interactions in organismal function. The specific organism(s) or model system used is of less importance than the integrative nature of the analytical approach. Teaching duties will not exceed two courses per year during the first several years. A Ph.D. and postdoctoral experience are required. The successful candidates will demonstrate the potential to establish a productive and externally funded research program. The department offers graduate degrees through the Ph.D. and active training of graduate students is expected. The position will begin 16 August 2013. Review of applications will begin on or about October 1, 2012, and continue until the position is filled.

The University of North Dakota is an Equal Opportunity/Affirmative Action Employer and we strongly encourage applications from women and underrepresented groups. Veteran’s preference does not apply to this position.

ASSISTANT PROFESSOR

Biology

Assistant Professor of Biology

Amherst College

The Department of Biology at Amherst College seeks to fill a tenure-track position at the Assistant Professor level in molecular biology, to begin July 2013.

The successful candidate will mount an active research program that involves undergraduate students. Teaching duties include participation in lecture courses with laboratories in biochemistry, in molecular genetics, and in a team-taught introductory course in molecular and cellular biology. A completed Ph.D. is required and postdoctoral experience is expected. Applicants should submit, via regular mail only, a cover letter specifying the position number, curriculum vitae, three representative reprints, statement of teaching and research interests, and the names and e-mail addresses of three individuals to whom we may write to solicit recommendations. These materials should be submitted to: Dr. Ann McPartland, Chair, Department of Chemistry & Biochemistry, 8447 State Highway 47, 3107 Medical Research and Education Building, Bryan, TX 77808 or Fax: (979) 862-8909. Contact e-mail: cirillo@tamu.edu. The Texas A&M Health Science Center is an Affirmative Action/Equal Opportunity Employer. Contact: Dr. Cirillo, telephone: 979-436-0343 for additional information.

MOLECULAR BIOLOGIST

Assistant Professor of Biology

Amherst College

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