FACULTY RESEARCH POSITIONS in Pathology

Assistant, Associate, or Full Professor

University of Texas Southwestern Medical Center

The Department of Pathology at UT Southwestern (UTSW), invites applications for two tenure-track faculty positions from scientists (M.D., M.D.-Ph.D., or Ph.D.) with a demonstrated ability to lead an independent, funded research program in cancer, immunology, stem cell biology, or neuroscience. Generous salary, startup packages, and laboratory space will be provided. UTSW offers a highly collaborative environment, outstanding research infrastructure and dynamic translational opportunities.

Applicants should submit a cover letter, curriculum vitae, a statement of research interest, and three letters of reference to e-mail: dorothee.staber@utsouthwestern.edu.

UT Southwestern Medical Center is an Affirmative Action/Equal Employment Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

ASSISTANT PROFESSOR

Bryn Mawr College, Department of Biology

The Department of Biology invites applications for a full-time, beginning tenure-track Assistant Professor position in the area of ecological modeling to begin on August 1, 2014. We are searching for a broadly trained individual who approaches central questions in ecology from a computational or modeling perspective and uses such techniques as key components of an active research program involving undergraduates. The successful candidate is expected to teach at all levels of the curriculum and establish an externally funded research program that provides rigorous collaborative research projects for undergraduates. Teaching responsibilities will include participation in Introductory Biology, a general course in computational modeling in the sciences, and advanced undergraduate courses in ecological modeling. Involvement in the College’s minor in Environmental Studies is encouraged. A Ph.D. and at least one year of postdoctoral research experience are required. Submit by October 4, 2013, a cover letter, curriculum vitae, research statement, and teaching philosophy that includes a short description of potential courses to be offered to Ecological Search Committee c/o Jodi Jacoby, Department of Biology, 101 N. Merion Avenue, Bryn Mawr, PA 19010. In addition, arrange to have three letters of recommendation sent to the same address.

Bryn Mawr College is an Equal Opportunity Employer; minority candidates and women are especially encouraged to apply.

ACADEMIC PROFESSIONAL

The Department of Chemistry at Georgia State University anticipates hiring an Academic Professional beginning in the fall 2013, pending budgetary approval. Duties will include: (1) Coordination of general and organic chemistry labs, as well as laboratory manual revisions and updates; (2) maintain chemical inventory and provide oversight of laboratory facilities; (3) serve as instructor of certain lecture and laboratory courses; and (4) provide training and supervision of student and graduate assistants. Instruction of lecture and laboratory courses, not to exceed 50% of total effort. Ph.D. in chemistry or related field required. Strong background in organic chemistry, and college level teaching experience preferred. The salary range is $50,000 to $60,000. Applicants should submit curriculum vitae and statement of teaching philosophy, and arrange for three letters of recommendation to be sent to: Academic Professional Search Committee, Department of Chemistry, Georgia State University, POB 30302-4098. Open until filled. An offer of employment will be conditional upon background verification.

ASSISTANT PROFESSOR

The Lymphoma Research Program at the University of Nebraska Medical Center and Eppley Cancer Center is recruiting a faculty member at the rank of assistant professor. The lymphoma program has a large patient population with a comprehensive clinical and pathology database and extensive tissue resources to support basic and translational research. The focus of the program is on lymphoma biology and pathogenesis with the translational goal of biomarkers and therapeutic target discovery. The assistant professor should have a Ph.D. degree and postdoctoral experience in lymphoma research. He/she is expected to be a highly creative scientist with a track record of outstanding lymphoma research and a promising line of future investigation. State of the art laboratories and core facilities are available for an experienced pain researcher to join a multidisciplinary research program exploring molecular pathophysiology of painful neuropathic. M.D. and/or Ph.D. degree, and experience in molecular biology, stem cell biology, and animal behavior are required. Experience with analysis of DRG neurons, immunohistochemistry, small animal surgery, and viral protocols for gene transfer are desirable. See Dib-Hajj et al., Nature Rev. Neuro. 14:49–62, 2013 and Subramaniam et al. Mol. Therapy 21:49–56. Excellent opportunity for a skilled scientist to work collaboratively with molecular geneticists, molecular and cell biologists, physiologists, and pharmacologists in a highly collaborative, interactive program. Send letter of interest, curriculum vitae, and three letters of reference to: Stephen G. Waxman, M.D., Ph.D. (e-mail: stephen.waxman@yale.edu) or Sulayman D. Dib-Hajj, Ph.D. (e-mail: sulayman.dib-hajj@yale.edu).

TENURE-TRACK FACULTY POSITION

Georgia Institute of Technology School of Chemistry and Biochemistry

Atlanta, GA 30332-0400

The Georgia Institute of Technology, School of Chemistry and Biochemistry seeks to fill one or more tenure-track faculty positions. The areas of emphasis are Biochemistry, Chemical Biology, and Organic Chemistry, but candidates from all areas will be considered. Georgia Tech is particularly focused on growth in the life sciences, biosciences, and energy and sustainability. Exceptional candidates at all levels are encouraged to apply. Candidates with interdisciplinary research programs may be considered for appointments with other campus units. Candidates for appointment at the assistant professor level should submit an application letter, curriculum vitae, a summary of research plans, and a list of publications, as well as three letters of reference. Candidates for advanced levels should submit an application letter, curriculum vitae, and the names of three references. All materials and requests for information should be submitted electronically, as per the instructions found at website: https://academicjobsonline.org/ajo/jobs/2881.

The application deadline is September 16, 2013 with application review continuing until the positions are filled. Georgia Tech is an Equal Education/Employment Opportunity Institution.

RESEARCH ASSOCIATE in Pain Studies

Position available for an experienced pain researcher to join a multidisciplinary research program exploring molecular pathophysiology of painful neuropathic. M.D. and/or Ph.D. degree, and experience in molecular biology, stem cell biology, and animal behavior are required. Experience with analysis of DRG neurons, immunohistochemistry, small animal surgery, and viral protocols for gene transfer are desirable. See Dib-Hajj et al., Nature Rev. Neuro. 14:49–62, 2013 and Subramaniam et al. Mol. Therapy 21:49–56. Excellent opportunity for a skilled scientist to work collaboratively with molecular geneticists, molecular and cell biologists, physiologists, and pharmacologists in a highly collaborative, interactive program. Send letter of interest, curriculum vitae, and three letters of reference to: Stephen G. Waxman, M.D., Ph.D. (e-mail: stephen.waxman@yale.edu) or Sulayman D. Dib-Hajj, Ph.D. (e-mail: sulayman.dib-hajj@yale.edu).
Florida International University is a comprehensive university offering 340 majors in 188 degree programs in 23 colleges and schools, with innovative bachelor’s, master’s and doctoral programs across all disciplines including medicine, public health, law, journalism, hospitality, and architecture. FIU is Carnegie-designated as both a research university with high research activity and a community-engaged university. Located in the heart of the dynamic south Florida urban region, our multiple campuses serve over 50,000 students, placing FIU among the ten largest universities in the nation. Our annual research expenditures in excess of $100 million and our deep commitment to engagement have made FIU the go-to solutions center for issues ranging from local to global. FIU leads the nation in granting bachelor’s degrees, including in the STEM fields, to minority students and is first in awarding STEM master’s degrees to Hispanics. Our students, faculty, and staff reflect Miami’s diverse population, earning FIU the designation of Hispanic-Serving Institution. At FIU, we are proud to be “Worlds Ahead!” For more information about FIU, visit fiu.edu.

The Herbert Wertheim College of Medicine (HWCOM) seeks an internationally-recognized individual with an outstanding record of scientific achievement, grant support, scholarly accomplishments and mentoring as its new Chair of the Department of Human and Molecular Genetics. FIU, which is located in the City of Miami, is the only public urban research university in South Florida and is the gateway to South and Central America. The HWCOM is a new medical school which has just graduated its first medical class and received full LCME accreditation. The college is seeking to expand its base of basic science, translational and clinical research.

Minimum qualifications include an advanced degree (M.D., Ph.D. or equivalent) in the area of genetics and be eligible for full professorship with tenure. The ideal candidate will have a widely recognized international reputation in the area of human and molecular genetics and a record of continuous grant support. Certification by the American Board of Medical Genetics is desired but not obligatory. This is a wonderful opportunity for a new leader to present a vision for the growth of the department. As part of the FIU strategic plan for cluster hires in targeted areas, the new Chair will be responsible for building and maintaining a group of faculty with high-quality funded research programs who would participate in research, graduate and medical education. The successful candidate will be provided with substantial space and funds for his/her research program and associated cluster hires.

Qualified candidates are encouraged to apply to Job Opening ID (506329) at http://careers.fiu.edu and attach letter of interest, curriculum vitae and listing of three professional references in a single pdf file.

The Department “Development and Regeneration” at the KU Leuven combines academicians involved in embryology and stem cell biology, human reproduction and sexuality, pre- and postnatal development and regenerative medicine. (https://gbiomd.kuleuven.be/dep/devreg).

We currently have 2 full-time academic vacancies:

Assistant or associate professor in pluripotent stem cell biology. (Ref. ZAP-2013-225)

To expand our basic research program, we aim to recruit an excellent basic scientist with focus on signals and their molecular mechanisms of action that govern pluripotency versus differentiation, with preference for studying the ground state of pluripotent stem cells as well as their derivatives, such as epiblast stem cells or extraembryonic cells. Ideally, the candidate also co-develops systems biology approaches that rely on transcriptomics, epigenetics and/or proteomics in a cell system of choice (https://icts.kuleuven.be/apps/jobsite/vacatures/52485861).

Assistant or associate professor with focus on endogenous tissue responses (Ref. ZAP-2013-224)

Within regenerative medicine, interactions between grafts and host are increasingly important. The endogenous tissue responses towards cell therapy, in particular with stem cells, or transplantation, determine the structural and functional outcome of the intervention. The department wishes to develop specific expertise unifying immunology and stem cell biology to further expand knowledge of development and regeneration. (https://icts.kuleuven.be/apps/jobsite/vacatures/52485852)


Assistant Professor in Microbiology

The Department of Biology at Tufts University invites applications for a tenure-track Assistant Professor in Microbiology. We seek a creative scholar with primary expertise in comparative or functional genomics, ecology of microbial populations, or genome evolution of microbial communities. Someone with the ability to work on multiple biological scales, ranging from the molecular to the community, is preferred. The successful candidate will use modern research techniques of computational genomics to address fundamental questions in evolution and ecology. We seek a scientist who will complement and add to our strengths, allowing new collaborations and synergistic research to occur within our department as well as across departments. The Biology department has expertise in genome structure and function, genome evolution, and the ecology and ecology of host organisms (see http://aase.tufts.edu/biology/).

The candidate will develop an active externally funded research program involving graduate and undergraduate students. Instructional duties will include an undergraduate microbiology course and an associated microbiology laboratory course, as well as contributions to other undergraduate or graduate courses based on the expertise and interests of the new faculty member. A clear commitment to teaching excellence at the undergraduate and graduate levels is essential. Doctoral degree, post-doctoral experience and a record of research productivity are required.

To Apply: Applicants should use the link https://secure.interfolio.com/apply/21916 to submit a cover letter, curriculum vitae, and separate statements of (1) research interests and plans and (2) teaching experience and philosophy. Submission of 1-3 selected reprints in PDF format is encouraged. Applicants should also ensure that three confidential letters of reference are submitted to this link. Review of applications begins October 1, 2013, and continues until the position is filled.

Tufts University is an Affirmative Action/Equal Opportunity Employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

The Faculty of Science of the University of Geneva invites applications for the position of

PROFESSOR

In Plant Biology

(Full, Associate or Assistant with Tenure Track)

JOB DESCRIPTION: We seek applicants with a record of excellence in research, who have proven their ability to develop and apply novel concepts in the general area of plant molecular and cellular biology. The successful candidate is expected to lead a strong, independent research program and attract external funding.

The position is full time and includes 4 to 6 hours per week of teaching spread across different courses and seminars at the Bachelor and Master level, as well as overseeing and directing the research of undergraduate and graduate students.

He/she will also take care, if necessary, of administrative duties linked with the Department of Botany and Plant Biology and the Faculty of Science.

ACADEMIC TITLE AND EXPERIENCE REQUIRED:

PhD degree or a title judged equivalent;
Experience in leading a research team and teaching;
Publications in international journals.

STARTING DATE: April 2014 or a date to be agreed.

Applications must be posted online by September 30th 2013, on the Geneva University website: https://jobs.icams.unige.ch where this advert and the job description can be viewed.

No hard copies will be accepted.

The University of Geneva is an equal opportunity employer and encourages applications from female candidates.
The NIH Intramural Research Program is Recruiting Tenure-Track “Earl Stadtman Investigators”

The National Institutes of Health, the U.S. government’s premier biomedical and behavioral research enterprise, is pleased to announce its fifth annual call for “NIH Earl Stadtman Investigators,” a broad recruitment of tenure-track investigators for all NIH intramural programs. Scientific discoveries from our intramural laboratories, with their extensive infrastructure and critical mass of expertise, have a crucial role in both maintaining America’s research excellence and advancing medical treatments and cures.

Come join the team whose hallmarks are stable funding, intellectual freedom, shared resources, and access to a wide range of scientific expertise. We seek creative, independent thinkers eager to take on high-risk, high-impact research. A fantastic array of early-career scientists already have been hired through the “Stadtman” recruitment in the last four years.

A variety of basic and translational/clinical positions are available, with areas of active recruitment including (but not limited to): Biochemistry, Biomedical Engineering, Biophysics, Biostatistics, Cancer Biology, Cell Biology, Cell Metabolism, Chemical Biology, Chromosome Biology, Circadian Biology, Computational Biology, Developmental Biology, Epidemiology, Genetics, Genomics, Health Disparities, Hearing & Balance, Immunology, Infectious Diseases, Microbiology, Molecular Pharmacology, Neurodevelopment, Neurosciences, Sensory Biology, Structural Biology, Systems Biology, Toxicology, Translational Research, and Virology.

Who we are: Among our approximately 1,100 principal investigators and 5,000 trainees are world-renowned experts in basic, translational, and clinical research. Our strength is our diversity in pursuit of a common goal, to alleviate human suffering from disease. Similar to academia, we offer our scientists the opportunity to mentor outstanding trainees at all levels (e.g., graduate students and postdoctoral fellows) in a research setting.

Whom we seek: For this broad, trans-NIH recruitment effort, we seek talented, early-career scientists with a clear and creative research vision who wish to contribute to the nation’s health.

Qualifications/eligibility: Candidates must have an M.D., Ph.D., D.D.S./D.M.D., D.V.M, D.O., R.N./Ph.D., or equivalent doctoral degree and have an outstanding record of research accomplishments as evidenced by publications in major peer-reviewed journals. Applicants may be in early stages of their research careers or non-tenured early-to-mid career scientists. Appointees may be U.S. citizens, resident aliens, or non-resident aliens with, or eligible to obtain, a valid employment-authorization visa.

How to apply: Applicants must submit four items: (1) a CV; (2) a three-page proposal titled Research Goals, i.e., the research you hope to perform at the NIH; (3) a one-page statement titled Long-term Research Vision and Impact, i.e., what you hope to achieve for yourself, your field, and society; and (4) contact information for three professional references. Submit these through our online application system at http://tenuretrack.nih.gov/apply between August 1 and 11:59 p.m. EDT October 1, 2013. You will be asked to designate a primary and secondary scientific area of expertise to aid in assigning your application to the appropriate review committee. Requests for letters of recommendation will be sent to your references when you submit your application. Reference letters will be accepted via upload to the website until 11:59 p.m. EDT October 15, 2013. We cannot accept paper applications.

What to expect: Search committees of subject-matter experts will review and evaluate applicants based on publication record, scientific vision and potential scientific impact of current and proposed research, demonstrated independence, awards, and references. The committees will identify the most highly qualified candidates to invite to the NIH for a lecture in November or December 2013, open to the NIH scientific staff, and for subsequent interviews with the search committees. Search committee chairs and NIH Scientific Directors, who lead our intramural programs, will identify finalists for possible recruitment as Earl Stadtman Investigators. Candidates not selected as finalists can be considered for other open NIH research positions. The entire process from application review to job offer may take several months, depending on the volume of applications.

We call upon individuals who will open our eyes to possibilities we haven’t yet envisioned, to complement our scientific mission and enhance our research efforts. More information about our program is at http://irp.nih.gov. The inspiring story of Earl and Thressa Stadtman’s research at the NIH is at http://history.nih.gov/exhibits/stadtman. Specific questions regarding this recruitment effort may be directed to Dr. Roland Owens, Assistant Director, NIH Office of Intramural Research, at owensrol@mail.nih.gov. DHHS and NIH are Equal Opportunity Employers.
Georgia Research Alliance Eminent Scholar in Emerging and Zoonotic Pathogen Research

The University of Georgia, College of Veterinary Medicine, Department of Infectious Diseases is seeking applications for a Georgia Research Alliance Eminent Scholar in Emerging and Zoonotic Pathogen Research. A renowned scientist will be recruited to lead an infectious diseases research and development program with organisms of high public health impact potential. This Eminent Scholar position will be supported by annual income from an endowment exceeding $1.5 million, 9-months of salary supported annually, and features a start up package commensurate with the prestige of this pre-eminent position. Available to support this program are newly renovated facilities including ACL3 space, and state-of-the-art BSL3, ABSL3 and BSL3-Ag animal and human health research laboratories at the Animal Health Research Center (http://www.vet.uga.edu/AHRC). The successful candidate will be an outstanding scholar with an established externally funded research program. In addition, candidates with demonstrated leadership in developing inter- or multi-disciplinary programs are especially encouraged to apply. Successful applicants are anticipated to possess a PhD in fields including virology, bacteriology, parasitology and immunology, and greater than six years of research experience. A DVM or MD, while desirable, is not required for this position.

Applications will be accepted until October 1, 2013. Interested applicants should submit cover letter, current vita, and the names of three professional references via email (elafon10@uga.edu) to Dr. Eric Lafontaine, Chair, GRA Scholar Search Committee, Department of Infectious Diseases, 501 DW Brooks Drive, University of Georgia, Athens, GA 30602. All materials will be handled with strict confidentiality. Georgia is well known for its quality of life both outdoors and urban activities (www.exploregeorgia.org).

The University of Georgia (www.uga.edu) is a land grant/sea institution located 75 miles northeast of Atlanta, and is an Affirmative Action and Equal Opportunity Employer.
ISTFELLOW: Call for Postdoctoral Fellows

Are you a talented, dynamic, and motivated scientist looking for an opportunity to conduct research in the fields of **BIOLOGY**, **COMPUTER SCIENCE**, **MATHEMATICS**, **PHYSICS**, or **NEUROSCIENCE** at a young, thriving institution that fosters scientific excellence and interdisciplinary collaboration?

Apply to the ISTFellow program. Deadlines March 15 and September 15

[www.ist.ac.at/istfellow](http://www.ist.ac.at/istfellow)

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**ANNOUNCEMENTS**

**Biodiversity & Ecosystem Services**

Call for Synthesis Research Proposals

**Application Deadline: September 30, 2013**

The U.S. National Socio-Environmental Synthesis Center (SESYNC, www.sesync.org) and two German national research centers—the Helmholtz Centre for Environmental Research (UFZ, www.ufz.de) and the Synthesis Centre for Biodiversity Sciences (sDiv, www.idiv-biodiversity.de) within the German Centre for Integrative Biodiversity Research—are pleased to announce a joint trans-Atlantic socio-environmental synthesis activity on "Biodiversity and Ecosystem Services."

Collaborative funding is available for synthesis projects that bring together data, ideas, theories, or models to address a critical socio-environmental question at the interface of biodiversity and ecosystem services. Proposals are welcome from investigators whose home institutions are anywhere in the world.

All three centers are dedicated to investigating pressing environmental issues involving complex human-nature interactions and global change and to developing sustainable solutions to these issues. Funded projects will receive support in: travel/logistic, group facilitation, cyberinfrastructure, geospatial analysis, and outreach/communications.

**Details and submission instructions:**

[www.sesync.org/bio-ess](http://www.sesync.org/bio-ess)

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**Presidential Endowed Chair in Health and Biomedicine**

**Lehigh University**

The Department of Biological Sciences at Lehigh University invites applications and nominations for a Presidential Endowed Chair in Health and Biomedicine. Applicants must hold a Ph.D. or M.D. degree and should be qualified for faculty appointment at the rank of Full Professor with tenure. The successful candidate will have a distinguished record in biomedical research, including significant external support, demonstrated leadership skills, and a strong commitment to graduate and undergraduate education. The position carries an expectation of scholarly and administrative leadership. As part of these responsibilities, the successful applicant will be expected to assume the Department Chair’s position within two years of their appointment.

Lehigh’s Biological Sciences Department includes 19 faculty with additional growth anticipated. Current faculty research interests span molecular, cellular and developmental biology, neuroscience, evolution and animal behavior. The department has Ph.D. programs in Integrative Biology, Biochemistry and Cell/Molecular Biology, a Distance Education M.S. program in Molecular Biology and the largest undergraduate major constituency within the college of Arts and Sciences.

Applications, including a C.V., letter of intent, description of administrative experience and philosophy, and the names of three potential references should be submitted to [https://academicjobsonline.org/ajo/jobs/2641](https://academicjobsonline.org/ajo/jobs/2641). For additional information contact Dr. Lynne Cassimeris, Search Committee Chair, Biological Sciences, 111 Research Dr., Bethlehem, PA 18015, inbios@lehigh.edu. For more information about the department: [www.lehigh.edu/~inbios](http://www.lehigh.edu/~inbios). The deadline for submission is **October 7, 2013**.

Lehigh University is an Equal Opportunity Affirmative Action Employer. Lehigh University provides comprehensive benefits including partner benefits. Lehigh University is a recipient of an NSF ADVANCE Institutional Transformation award for promoting the careers of women in academic sciences and engineering.

The College of Arts and Sciences at Lehigh is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community.
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](http://aaas.org/plusyou/project2061)
Women in Science Booklet

*Science* and the L’Oréal Foundation present

Read inspiring profiles of women making a difference in biology.

Free download at ScienceCareers.org/LOrealWIS