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Science Careers

From the journal Science AAAS

Directory of Translational Research

The Department of Medicine at Stanford University is recruiting a Director of Translational Research to lead the translational research program of the Department. The faculty position is at the Associate Professor or Professor level in the Medical Center Line or the University Tenure Line. The predominant criterion for appointment in the University Tenure Line is a major commitment to research and teaching. The major criteria for appointment for faculty in the Medical Center Line shall be excellence in the overall mix of clinical care, clinical teaching, scholarly activity that advances clinical medicine, and institutional service appropriate to the programmatic need the individual is expected to fulfill. Faculty rank will be determined by the qualifications and experience of the successful candidate and the appointment will be in the appropriate Division depending on the successful applicant’s area of expertise. The successful candidate should be an accomplished investigator with a national reputation in translational research. Candidates must have an MD, PhD, or MD/PhD degree.

He/she will work with the Department leadership to guide the Department in all aspects of translational research, including the recruitment of translational investigators to form a core research group. The Director of Translational Research will lead the Departmental effort to serve as the bridge between basic and clinical investigation and reach out to investigators in other Departments at Stanford and engage them in multidisciplinary translational research. The Director will work with the training programs in the Department to involve trainees in translational research and guide them in collaborative investigative teams. The successful candidate must have leadership skills, administrative experience, a record of outstanding research accomplishments, and strong mentoring skills. A track record of translating discoveries from the laboratory into patient care is critical. A history of involvement and leadership with investigation in both academics and industry is highly desirable. The Department of Medicine benefits from an outstanding scientific and clinical environment at Stanford, including active collaborations with the clinical and basic science departments and the Stanford Institutes.

Candidates should submit a detailed letter of interest and curriculum vitae to: Gretchen Picache, Department of Medicine, Stanford University School of Medicine, 1070 Arastradero Rd, Rm 255, Palo Alto CA 94304, Mail Code:5850; gpicache@stanford.edu.

Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the University’s research, teaching and clinical missions.

In 2013, CNRS is recruiting 307 permanent researchers

in all scientific fields
life sciences, chemistry, environmental sciences and sustainable development, humanities and social sciences, computer sciences, engineering, mathematics, physics, nuclear and particle physics, earth sciences and astronomy.

Online registration at www.cnrs.fr from December 3, 2012 Registration deadline January 7, 2013

The Georgia Institute of Technology is one of the top ranked educational/research institutions in the country and ranks as one of the best places to work. As part of significant growth in the biological sciences, the School of Applied Physiology and School of Biology are seeking applications for two tenure-track positions in the area of Developmental Molecular Biology, with an interest in regenerative biology, neural, cranio-facial and/or musculo-skeletal systems using genetics, cellular and systems physiology and/or chemical/synthetic biology. Candidates will be favored whose research integrates well with the Institute’s existing strengths in molecular and cell biology, biomedical engineering and computational sciences. Georgia Tech has a strong interdisciplinary environment where collaborations between faculty in science, engineering and computing are encouraged. It is anticipated that these positions will be filled at the assistant/associate professor level, but outstanding senior candidates with exceptional records are encouraged to apply. Candidates should upload a letter of application, full curriculum vitae, statement of research interests and plans, and arrange for three letters of reference to http://searches.biology.gatech.edu. Review of applications begins January 15, 2013 and will continue until positions are filled.

Georgia Tech is a unit of the University System of Georgia and an Affirmative Action/Equal Opportunity Employer and requires compliance with Immigration Control Reform Act of 1986.

GEORGIA INSTITUTE OF TECHNOLOGY
LET LIFE TAKE YOU THERE NOW.

A lot has happened since you’ve been away. Your mother turned 70. Your sister graduated from college. Your nephew took his first steps. Your China has transformed from a third-world country to a world-class economy. And Life Technologies, the world’s most innovative biotechnology company, formed from the merger of Applied Biosystems and Invitrogen, is growing fast in China. So now there’s no reason to keep missing out on the chance to be closer to your family and to be part of a team that makes science easier and life better everyday.

For more information, go to lifetechnologies.com/careers

We want to hear from you. Email us at cn.recruit@lifetech.com
The MBI Fellowships provide talented young scientists a rare opportunity to set up research programs of their own as an alternative to traditional post-doctoral positions. Recent PhD graduates with proven excellence in research are given the resources to work as junior principal investigators, free from financial constraints and distraction by formal teaching responsibilities and grant applications. MBI Fellows will exercise independence in their research projects with no supervision but under the care of the MBI Faculty Mentor Programme. The Faculty Mentor is formed by a group of senior and well-reputed international scientists who are appointed as Principal Investigators at MBI.

The goal is for MBI Fellows to receive the training to become independent principal investigators in Academic or Research Institutions.

The MBI Fellows program is an integral part of the Mechanobiology Institute’s mission to nurture scientists during their most creative years and will yield a new generation of leaders more rapidly than traditional programs. MBI’s vibrant and multidisciplinary environment and with state-of-the-art research facilities, MBI Fellows will gain the training for interdisciplinary and innovative research that will position them as highly marketable scientists.

Candidates for the MBI Fellowship Programme must accompany their applications with nomination letters from their research advisor or other distinguished scientist from the applicant’s field or institution. Two additional letters of support by persons familiar with the candidate’s research and academic accomplishments also should be forwarded to:

Prof. Michael Sheetz
Director
MBI Fellowship Programme
The Mechanobiology Institute, Singapore
National University of Singapore
T-lab, 5A Engineering Drive 1
Singapore 117411
E-mail: mbih@nus.edu.sg
Website: http://mbi.nus.edu.sg/

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Chairperson
Department of Veterinary Microbiology and Pathology
Washington State University
Pullman, WA

The College of Veterinary Medicine at Washington State University seeks a distinguished researcher and academic leader to be Chairperson of the Department of Veterinary Microbiology and Pathology (VMP) (http://www.vetmed.wsu.edu/depts-vmp/index.aspx). As one of the foremost pathology departments in the nation, VMP’s mission is to enhance animal and public health through training veterinary medical students, graduate students and residents, conducting global outreach, and performing biomedical research in immunology, infectious diseases, food safety, genomics, and pathology. VMP’s strong, extramurally funded research programs benefit from close collaborative ties with the USDA/ARS Animal Disease Research Unit, and other College of Veterinary Medicine entities including the Washington Animal Disease Diagnostic Laboratory, the newly founded Paul G. Allen School for Global Animal Health and the newly founded Paul G. Allen School for Global Animal Health and the School for Molecular Biosciences. VMP excellence in teaching is supported by the first-in-the-nation College Teaching Academy, whose mission is to enhance educational enterprises at all levels. The Chairperson’s portfolio includes fiscal management of VMP, participation in and promotion of mentoring and professional development for faculty members, and fostering curricular development and scholarship in teaching. The successful candidate will have a record of academic leadership, productive, sustained, extramurally funded, internationally recognized research, and excellence in graduate education. Applicants must hold an earned doctorate in microbiology, immunology, pathology, veterinary medicine, medicine or a related discipline and be eligible for academic appointment at the level of Professor.

Review of applications will begin January 7, 2013. To apply or obtain more detailed information go to www.wsujobs.com. For questions or confidential expressions of interest about this position candidates may email or telephone Ms. Sue Zumwalt at zumwalt@vetmed.wsu.edu or 509.335.6027.

WSU is an EO/AA Educator Employer.

Director Position
Institute of Plant & Microbial Biology
Academia Sinica, Taiwan

Academia Sinica, Taiwan, invites applications and nominations for the position of Director of the Institute of Plant and Microbial Biology (IPMB). The initial appointment is for three years (renewable for a second term), and will also carry the title of Research Fellow. It requires no Taiwan citizenship and much of the scientific affairs can be conducted in English.

As the pre-eminent academic research institute in Taiwan, Academia Sinica is devoted to basic and applied research in mathematics and physical sciences, life sciences, and humanities and social sciences. IPMB consists of 29 laboratories, engaged in research leading to the better understanding of biological processes in both plants and microbes. Current foci include cell biology, cereal genetics and genomics, epigenetics, programmed growth and development, molecular phylogeny/evolution, plant-microbe and plant-environment interactions. IPMB is well funded and equipped with modern research facilities managed by experienced research specialists. IPMB maintains a high research standard with a high-quality publication record. For details about Academia Sinica and IPMB, please see http://www.sinica.edu.tw

Interested candidates should have a PhD or equivalent degree, with outstanding research accomplishments and demonstrated leadership ability. Besides pursuing a rigorous research program at IPMB, the successful candidate is expected to build on the existing strengths of IPMB, develop new research thrusts, and provide intellectual leadership in relevant basic and applied plant/microbial sciences in Taiwan.

Applications and nominations, including complete curriculum vitae, a publication list, and three letters of recommendation, should be submitted to Dr. Wen-Hsiung Li, Academia Sinica, 128 Academia Road, Section 2, Nankang, Taipei 115, Taiwan or by Email to: zomsin@gate.sinica.edu.tw. Screening of applications/nominations will begin immediately, and will continue until the position is filled.
CHAIR, DEPARTMENT OF HEMATOLOGY

St. Jude Children’s Research Hospital is seeking a Chair for the Department of Hematology at the rank of full member. A commensurate appointment at the full professor rank at the University of Tennessee is included. The position requires visionary thinking to build on St. Jude’s foundation of excellence within an interdisciplinary environment. The successful candidate should have an M.D. or M.D./Ph.D. with a strong research interest, proven extramural funding and solid clinical background. The candidate must possess strong administrative and communication skills, a commitment to education and training, and strong leadership capabilities.

St. Jude’s hematologists are an integral part of a multidisciplinary team that includes oncologists, bone marrow transplant therapists, radiation therapists, pathologists, radiologists, infectious disease specialists, basic scientists and biostatisticians. The Hematology department has a substantial clinical program including one of the largest pediatric sickle cell disease populations in the U.S. and an established NIH-funded research program with ample opportunities in basic and clinical research. There are twelve faculty members equally distributed between clinical and basic science. The department supports a strong translational research program in gene therapy as well as diverse research and clinical programs in molecular control of blood cell development and regulation, sickle cell disease, hemophilia, thrombophilia, marrow failures and platelet disorders. Further opportunities are available for collaboration and integration with a broad array of programs at the LeBonheur Children’s Hospital and the University of Tennessee-Memphis.

St. Jude is a leading institution in pediatric hematologyp-onycology, and the future chair is expected to be a leader in his/her field as well as an active member of the St. Jude leadership. St. Jude ranks number 1 in pediatric cancer hospitals and is on the Fortune magazine’s list of 100 best places to work. All patients accepted for treatment at St. Jude are treated without regard to the family’s ability to pay.

The campus is located on 70 acres in downtown Memphis on the bluffs of the Mississippi River. Memphis offers a low-cost of living as well as numerous cultural attractions, including historic sites like Beale Street, two symphony orchestras, opera and ballet companies, great museums (e.g., Elvis’ Graceland and Sun Studios), many museums, and a dynamic live theatre community. Memphis is home to the Memphis Grizzlies Basketball Team, hosts the St. Jude PGA Golf Tournament, and is a stop on the Kroger St. Jude Tennis Tour.

Interested individuals are asked to submit a cover letter and C.V. to:

Arthur Nienhuis, MD
St. Jude Children’s Research Hospital
262 Danny Thomas Place
Memphis, TN 38105
Email: arthur.nienhuis@stjude.org

St. Jude is an equal opportunity employer and a drug-free workplace.
Candidates receiving offers of employment are subject to pre-employment drug testing and background checks.

Jefferson Science Fellowship

The National Academies is pleased to announce a call for nominations and applications for the 2013 Jefferson Science Fellows program. Initiated by the Secretary of State in 2003, this fellowship program engages the American academic science, technology, engineering and medical communities in the design and implementation of U.S. foreign policy.

Jefferson Science Fellows (JSF) spend one year at the U.S. Department of State or the U.S. Agency for International Development (USAID) for an on-site assignment in Washington, D.C. that may also involve extended stays at U.S. foreign embassies and/or missions.

The fellowship is open to tenured, or similarly ranked, academic scientists, engineers and physicians from U.S. institutions of higher learning. Nominees/applicants must hold U.S. citizenship and will be required to obtain a security clearance.

The deadline for 2013-2014 program year applications/nominations is January 14, 2013. To learn more about the Jefferson Science Fellowship and to apply, visit the JSF web at:

www.nas.edu/jsf

FACULTY POSITIONS
MEDICAL SCIENCES

Washington State University Division of Health Sciences, located on the Riverpoint campus in Spokane, invites applications for two tenure-track faculty positions at the rank of Assistant or Associate Professor and one at the rank of Professor in its new Medical Sciences section. Applicants must have an earned doctorate degree in the basic, clinical, or translational medical sciences. Successful candidates will be expected to maintain an active, extramurally funded research program, to mentor graduate students and fellows, and to teach in the professional and/or graduate curricula. The successful candidate for the Professor position will additionally be expected to take a leadership role in rapidly expanding medical research in Spokane, including recruitment of faculty and programmatic development.

Areas of research interest are open, but preference will be given to candidates completing research in the areas of planned growth in our program including molecular, cellular, physiological and systems biology approaches to: neurosciences/behavioral neurosciences (sleep, genetics, clinical pharmacology, anatomy); senescence and immortality (stem cells, cancer, aging, regenerative medicine); microbiology (antimicrobial resistance, virology), and metabolic diseases (obesity, diabetes, renal and cardiovascular disease). Washington State University is substantially building its research and graduate education capacity in the medical sciences. The Medical Sciences section also participates in preclinical medical education in the WWAMI program, which is a collaborative medical education program with the University of Washington School of Medicine.

Screening of applications will begin immediately and will continue until a suitable candidate is identified. To apply visit: www.wsujobs.com. Applications must include a current curriculum vitae and letter of application describing professional goals, research, and teaching experience. Before interviews commence four letters of reference will be required. Contact Kim Noe, Administrative Manager, at knoe@wsu.edu or 509-358-7515 for questions, assistance with the application process or confidential expressions of interest.

Women and minorities are particularly encouraged to apply. Washington State University Is An Equal Opportunity/affirmative Action Educator And Employer.
The Department of Anatomy and Cell Biology (ACB) at the University of Pennsylvania School of Dental Medicine (SDM) invites applications for full-time tenure track or tenured faculty positions at the Assistant Professor, Associate Professor or Professor level.

We are seeking candidates with outstanding academic accomplishments in cellular and/or molecular biology to complement our departmental research strengths. A strong track record of extramural grant funding, as well as an interest in teaching basic sciences to dental students are required. Preference will be given to candidates who can foster new and enhance existing interdisciplinary, translational, and collaborative research, both within the ACB Department and across the SDM. Departmental interests include muscle physiology, mechanobiology, extracellular matrix synthesis in fibrosis, mechanisms of lysosomal signaling, and craniofacial development; the SDM excels in immunology, microbial pathogenesis, and oral cancers.

Applicants with a PhD or dual degree (DMD-PhD, MD-PhD, DVM-PhD) are invited to submit a statement of research and teaching interests, curriculum vitae, and names with contact information for three references. Review of applications will begin January 1, 2013, and continue until the position is filled. Anticipated start date is September 2013. Applicants can apply directly at the University of Pennsylvania website: http://facultysearches.provost.upenn.edu/applicants/Central?quickFind=51131 or by submitting materials to the Chair of the Search Committee:

Elizabeth R. Barton, PhD
Dept. of Anatomy and Cell Biology
School of Dental Medicine
University of Pennsylvania
240 S. 40th Street
Philadelphia, PA 19104
ACB2013@dental.upenn.edu

The University of Pennsylvania is an Equal Opportunity Affirmative Action Employer; women and minority candidates are strongly encouraged to apply.

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Jiangsu Academy of Agricultural Sciences

Open position as Deputy Director and Full Professor in the Institute of Agricultural Facility and Equipment

Jiangsu Academy of Agricultural Sciences (JAAS) is a professional agricultural research and extension institution that has been established since 1932. JAAS ranks at the top of provincial agricultural academies in China in terms of the comprehensive strength in agriculture. JAAS's headquarter and main research facilities are located in Nanjing, Jiangsu, China.

Currently, JAAS is seeking a deputy director with the rank of full professor in the area of agricultural facility and equipment researches. Applicant should have a commitment to scientific excellence and the enthusiasm, energy, and innovative thinking necessary to lead a dynamic institute with a broad and diverse portfolio. Applicant must possess a faculty position already beyond the assistant professor level in a university or the equivalent position in a research institution. In addition, the candidate should demonstrate excellent records of research accomplishment and has a command of bilingual language for English and Chinese, both in spoken and written.

Successful applicant will be offered a competitive package, including sufficient laboratory space, startup funding, relocation fee and competitive salary commensurate with experience, in addition to a housing allowance, and other employee benefits. Applicant can go to www.jaas.ac.cn for application details.

In addition, more information for other regular faculty positions from JAAS relevant to a variety of disciplines in agriculture is also available at www.jaas.ac.cn.

Contact information
E-mail: rsc-gbk@jaas.ac.cn; Tel: 086-25-84390037

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The CAS-MPG Partner Institute for Computational Biology is searching for “Group Leader” in Shanghai, China

The CAS-MPG Partner Institute for Computational Biology is an internationally focused research institute based in Shanghai, China and jointly operated by the Chinese Academy of Sciences (CAS) and the German Max Planck Society (MPG). Work at this institute is driven by the accelerating importance of statistical and computational methods in modern biology, and we specialize in innovative research at the boundaries between disciplines.

PICB would be delighted to receive applications for Group Leader positions from scientists working in the following research areas:

- Genomics;
- Epigenomics;
- Functional genomics;
- Computational biology;
- Biostatistics;
- Biomathematics.

PICB will offer a competitive salary package to successful applicants, including a basic salary, position allowance, related welfare and housing benefits.

Interested applicants should send a covering letter, 3 letters of recommendation, a curriculum vitae, a brief summary of past achievements, a research proposal and at least three representative publications to:

Prof. Xinguang Zhu
CAS-MPG Partner Institute for Computational Biology
320 Yueyang Road, Shanghai 200031
Tel: 86-21-54920481
Fax: 86-21-54920451
E-mail: zhu-xinguang@picb.ac.cn

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The Pennsylvania State University seeks applicants for a tenure-track position at the rank of Assistant or Associate Professor in the research area of mammalogy and conservation ecology. This is an academic-year appointment with both research and teaching responsibilities. The successful candidate is expected to interact with scientifically diverse faculty across campus and develop an internationally recognized, extramurally supported research program related to mammal conservation and management that addresses population/community response to management options, habitat change and manipulation, and/or anthropogenic stressors. The successful candidate will join the Department of Ecosystem Science and Management http://ecosystems.psu.edu/, which includes faculty and staff with expertise in wildlife and fisheries, forests, soils, water, and wood products and is a campus center of excellence in the science and management of renewable natural resources, providing faculty with ample opportunities to interact within a world-class university. See full position announcement including all required qualifications and application information at http://apprtrk.com/299147 Employment will require successful completion of background check(s) in accordance with University policies. Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.

Contact information
E-mail: scottdp@psu.edu; Tel: 814-863-7730

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Science Careers

online @sciencecareers.org
The Chicago Medical School at Rosalind Franklin University of Medicine and Science (RFUMS) and Advocate Lutheran General Hospital (ALGH) invite applications for the full-time position of Vice Dean for Translational Research (RFUMS) and Medical Director of the Russell Institute for Research and Innovation (RIRI) at Advocate Lutheran General Hospital (ALGH).

The Vice Dean for Translational Research Director of the Russell Foundation Research Institute will:

- Possess an MD or MD/PhD degree
- Have extensive clinical and translational research experience and capabilities
- Be expected to either currently maintain or have previously maintained a long-standing active research program with extramural funding
- Have a broad research perspective with appreciation and knowledge across wide ranges of biomedical research
- Posses the ability to bridge the gap between basic science, translational, and clinical research

Interested applicants should submit, electronically, a cover letter, curriculum vitae, including teaching and research interests and three names of reference to Rosalind Franklin University of Medicine and Science Human Resources website via [http://rosalindfranklinpeopleadmin.com/postings/3395](http://rosalindfranklinpeopleadmin.com/postings/3395). Applications will be accepted until January 31, 2013.

Assistant/Associate Professor
Saw Swee Hock School of Public Health
National University of Singapore

The National University of Singapore (NUS) Saw Swee Hock School of Public Health is recruiting full-time Assistant and Associate Professors into its Health Services and Policy domain and Infectious Diseases Program. More details of the appointment are available at:


**Qualifications:**

- Applicants should have completed or be about to complete a doctoral degree in public health, sociology, economics, business, management, informatics, industrial engineering or other related fields.

**Responsibilities:**

- Establishing an independent research agenda through extramural funding; developing collaborative, multidisciplinary research; curricula design and teaching; graduate student advising, and providing service to the community and field of public health.

Applicants should send a statement of interest, CV and names of three character referees to:

Ms Kong Yeean Leng Email: ephkyl@nus.edu.sg

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**Positions Open**
Toyota Technological Institute

Toyota Technological Institute has two openings for “Principal Professor” positions in its School of Engineering. For more information, please refer to the following website: [http://www.toyota-ti.ac.jp/bosyu/index_E.html](http://www.toyota-ti.ac.jp/bosyu/index_E.html)

**Research fields:**

1. **Advanced Energy Technology and Related Sciences**
   - This field covers fundamental studies and applied research on advanced energy technology, including new concepts and systems for the generation, storage, and utilization of energy as well as innovative propulsion mechanisms. It also covers basic and applied studies of materials and their functions for advanced energy technology.

2. **Science and technology for advanced instrumentation and/or information processing**
   - This field covers new devices and systems for advanced information processing and/or communication technology, including quantum information technology and leading instrumentation technology for ultra-sensitive measurements and/or bio-medical studies and diagnosis. It also covers large-scale computation in cyber-physical space and related technology for advanced sensor networks.

**Start date:** Fiscal year 2013 (on the date of the earliest convenience)

**Documents:** Please refer to our web site

**Deadline:** March 31, 2013

**Inquiries:** Search Committee Chair, Vice President Dr. Shuji Tanaka

(Phone) +81-52-809-1775 (E-mail) tanaka_mat@toyota-ti.ac.jp

The Toyota Technological Institute is an Equal Opportunity Employer and Educator.

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**DIRECTOR**
Fermi National Accelerator Laboratory

Fermilab

The Board of Directors of Fermi Research Alliance, LLC (FRA) has initiated a search for a new Director of the Fermi National Accelerator Laboratory in Batavia, Illinois. The position, for a term of five years with the possibility of extension for a mutually agreed time, will be available July 1, 2013. The Search Committee welcomes applications and nominations for this position. It is recommended that applications be accompanied by curriculum vitae and other information bearing on the candidates’ qualifications for the Directorship. Relevant qualifications include visionary leadership capability, internationally recognized scientific achievement, management experience and accomplishments at a national laboratory or complex research setting, and broad communications skills.

The membership of the Search Committee, its charge, and provision for submitting confidential input to the Committee are posted at [http://www.fnal.gov/pub/directorsearch](http://www.fnal.gov/pub/directorsearch)

Communications should be sent as soon as possible, preferably before January 15, 2013, and should be addressed to:

Ezra Heitowitz
Executive Secretary for the Fermilab Director Search Committee
Fermi Research Alliance, LLC
Suite 400
1111 19th Street, NW
Washington, DC 20036 USA
E-mail: heitowitz@fnal.gov

The two members of FRA are the University of Chicago and Universities Research Association, Inc. FRA operates Fermilab under contract with the U.S. Department of Energy. For more information about FRA and Fermilab visit [http://fra-hq.org](http://fra-hq.org) and [http://www.fnal.gov](http://www.fnal.gov), respectively.

FRA is an Equal Opportunity Employer.
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 + u = Δ
UC DAVIS

TENURE TRACK POSITION – ASSISTANT PROFESSOR
Food Chemistry

The Department of Food Science and Technology is currently seeking to fill a faculty position, which includes the expectation that the appointee will conduct mission-oriented research and outreach of relevance to the California Agricultural Experiment Station. We seek applications from individuals who have or can establish a strong extramurally funded research program in an advanced contemporary area of chemistry or biochemistry that can be broadly described as impacting food. The research approach will endeavor to produce significant scholarly achievements that impact one or more areas of contemporary food science including food security, quality, safety, health, toxicology, processing-efficiency and food sustainability. Candidates are expected to have a PhD (or equivalent) and demonstrated ability in chemistry, biochemistry, food science or a related discipline. Postdoctoral experience is highly desirable. Selection will be based in part on a record of research publications in internationally recognized peer-reviewed journals, and the ability to obtain extramural funding. The specific research program will depend upon the expertise and interests of the candidate. The successful applicant will be expected to develop an independent, internationally recognized research program and contribute to the mission of the College of Agricultural and Environmental Sciences and the California Agricultural Experiment Station (http://caes.ucdavis.edu/facstaff/emap/aes-overview), teach at the undergraduate and graduate level, and supervise graduate student research.

Applicants should submit online at https://recruit.ucdavis.edu a letter of application, curriculum vitae (including list of publications), a statement of research, a separate statement describing teaching interests and background; PDF files of three publications; graduate and undergraduate academic transcripts and names, addresses including e-mail, and telephone numbers of three references. The position is open until filled; but to assure full consideration, completed online applications should be submitted no later than February 1, 2013, for a targeted start date of July 1, 2013.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans.

POSTDOCTORAL POSITIONS
IN MAMMALIAN ORGANOGENESIS

POSTDOCTORAL POSITIONS are available to study the cellular and molecular processes controlling vertebrate organogenesis using available mouse models. We are particularly interested in understanding the cellular and molecular mechanisms regulating the development of the visual system and the lymphatic vasculature using in vivo and 3D organ culture systems.

Highly motivated individuals who recently obtained a PhD or MD degree and have a strong background in molecular and developmental biology are encouraged to apply. Interested individuals should send their curriculum vitae, a brief description of their research interests, and the names of three references to:

Guillermo Oliver, PhD
Member, Department of Genetics
St. Jude Children’s Research Hospital
332 N. Lauderdale, Memphis, TN 38105
E-mail: guillermo.oliver@stjude.org
www.stjude.org/oliver

An Equal Opportunity Employer

Baylor College of Medicine

FACULTY POSITION
Alkek Center for Molecular Discovery

The Alkek Center for Molecular Discovery (ACMD) has recently been established at BCM with a mandate to utilize high-throughput technology to facilitate translational research and drug development. Applications are invited for a tenure-track or non-tenured faculty position at any rank, expressly for those with a strong record of research accomplishment and productivity and who use mass spectrometry to investigate problems in metabolomics. The successful applicant will enjoy a faculty appointment in the Department of Molecular and Cellular Biology and join other faculty members from this and other outstanding discovery-based research departments who are currently appointed to the Center. The ACMD offers competitive start-up packages and salaries together with newly renovated research space and access to numerous shared resources as well as other Centers operated by BCM. BCM occupies a central location within the highly interactive Texas Medical Center research community and has a prominent position with other institutions that make up the Gulf Coast Consortium.

Applicants will be reviewed as they are received, although priority will be given to applications completed by December 31, 2012. Applicants should submit a curriculum vitae, statement of research interests and contact information for three individuals who have agreed to provide letters of reference as a single PDF file by applying online at http://www.medschooljobs.org to job vacancy #228355.

Baylor College of Medicine is an Equal Opportunity/Affirmative Action/Equal Access Employer.

Tenure-Track Assistant Professor Position in Biochemistry
Department of Biological Sciences

The Department of Biological Sciences at Oakland University invites applications for a candidate with a strong background in biochemistry investigating key problems in cellular metabolism. Special consideration will be given to candidates studying enzyme or protein function using biochemical approaches. A PhD and at least two years of post-doctoral experience are required, in addition to strong research track record evidenced by publications. Laboratory space and a competitive startup package will be provided. The successful candidate is expected to develop a vigorous, extramurally funded research program, to teach effectively at the undergraduate and graduate levels, and to mentor undergraduate and graduate students (MS and PhD).

The Department of Biological Sciences (http://www2.oakland.edu/biology) is a vibrant and growing department that places the highest priority on research excellence. The faculty have wide range of research interests, including inflammatory response, host-parasite interactions, metalloproteins, chromatin modifications, development of tubular organs, stem cells, flagellar motility, hypertension, oxidative damage in muscle, population dynamics and stream ecology. Oakland University is a state-supported institution of 20,000 students. It is located on a beautiful 1,600-acre campus in the heart of Oakland County, 25 miles north of Detroit.

Applications should be submitted by January 5, 2013. Applications should include a cover letter, curriculum vitae, detailed statement of research plans, teaching philosophy, 3 representative publications, and a list of 3 or more references. Application is set online at http://academicjobs.oakland.edu/postings/447. Inquiries should be addressed to Arik Dvir, Chair, Department of Biological Sciences (dvir@oakland.edu).

Oakland University is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.
Women in Science Booklet

Science and the L’Oréal Foundation present

WOMEN IN SCIENCE
forging new pathways in biology

Read inspiring profiles of women making a difference in biology.

Free download at ScienceCareers.org/LOrealWIS
Faculty Positions in Cancer Inflammation and Tolerance

Georgia Health Sciences University Cancer Center is undergoing an unprecedented expansion in basic science and related translational medicine programs as part of a new initiative to achieve designation as an NCI Cancer Center. As part of this process we invite applications for positions as Assistant, Associate or Full Professor. We are particularly interested in individuals with expertise that complements the research interests in the existing Cancer Center Programs in the area of chronic inflammation that creates tolerance to protect tumors and healthy tissues from immune-mediated injury, and how to manipulate tolerogenic mechanisms for clinical benefit. Individuals working in the field of cancer inflammation and immunology are particularly encouraged to apply. Other areas of interest include, but are not limited to, aspects of inflammation and immunology research that facilitate understanding of cancer immunology and immunotherapy.

Applicants must have a strong track record of independent research and active extramural research funding. Applicants with NCI funding and experience of working in an NCI-designated Cancer Center are particularly encouraged to apply, but other applicants with funding and interests in a relevant research area will also be considered. Successful applicants will join a collaborative group of basic research scientists using animal models and who work closely with oncologists to promote translational research in immunotherapies to treat cancer and autoimmune syndromes. Strategic program interests include developing better cancer vaccines, and elucidating novel targets to manipulate immune responses to treat cancer and other chronic inflammatory syndromes. Applications in these priority research areas are especially welcomed.

A competitive salary and start-up package, commensurate with experience and academic qualifications, is available. A summary of research interests, curriculum vitae, and names of three references should be sent to Dr. Rhea-Beth Markowitz, Faculty Recruitment Coordinator, rbmarkowitz@georgiahealth.edu.

The Georgia Health Sciences University is an Equal Opportunity Affirmative Action, and Equal Access Employer. The Georgia Health Sciences University has a strong interest in promoting diversity in its faculty and women and minority candidates are encouraged to apply.

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Faculty Positions in Genomic Medicine

Georgia Health Sciences University Cancer Center is undergoing an unprecedented expansion in the basic science and related translational medicine programs as part of an initiative to achieve designation as an NCI Cancer Center. As part of this process we invite applications for positions as Assistant, Associate or Full Professor in the area of genomics in personalized medicine. Individuals working with NextGen sequencing, epigenomics, pharmacogenomics, and the functional genomics analysis of tumors to steer clinical management of patients and predict progression and outcome are particularly encouraged to apply.

Applicants must have active extramural research funding, ideally from NCI, a strong track record of independent research; and, ideally, experience of working in an NCI-designated Cancer Center. Successful applicants will join a collaborative program that works closely to promote translational research with the clinical research oncologists. Organizational strategic interests include the relationship between obesity, HPV, and smoking as etiological risk factors for cancer. Applications in these research areas are especially welcomed.

A competitive salary and start-up package, commensurate with experience and academic qualifications is available. A summary of research interests, curriculum vitae, and names of three references should be sent to Dr. Rhea-Beth Markowitz, Faculty Recruitment Coordinator, rbmarkowitz@georgiahealth.edu.

The Georgia Health Sciences University is an Equal Opportunity Affirmative Action, and Equal Access Employer. The Georgia Health Sciences University has a strong interest in promoting diversity in its faculty and women and minority candidates are encouraged to apply.

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Faculty Positions in Tumor Angiogenesis

Georgia Health Sciences University Cancer Center is undergoing an unprecedented expansion in the basic and population sciences programs as part of an initiative to achieve designation as an NCI Cancer Center. As part of this process we invite applications for tenure-track positions at Assistant, Associate or Full Professor levels in the general area of tumor angiogenesis. Individuals studying novel therapeutic approaches of targeting the tumor vasculature to steer clinical management of patients and predict progression and outcome are particularly encouraged to apply.

Applicants must have active extramural research funding, ideally from NCI, and a strong track record of independent research. Applicants with experience of working in an NCI-designated Cancer Center are especially encouraged to apply. Successful applicants will join a collaborative team of scientists who work closely to promote translational research with the clinical research oncologists and interact with the GHSU Vascular Biology Center. Organizational strategic interests include the relationship between obesity, HPV and smoking as etiological risk factors for cancer. Applications in these research areas are particularly welcome.

These positions come with a competitive salary and start-up package, commensurate with experience and academic qualifications. A summary of research interests, curriculum vitae and names of three references should be sent to Dr. Rhea-Beth Markowitz, Faculty Recruitment Coordinator, rbmarkowitz@georgiahealth.edu.

The Georgia Health Sciences University is an Equal Opportunity Affirmative Action, and Equal Access Employer. The Georgia Health Sciences University has a strong interest in promoting diversity in its faculty and women and minority candidates are encouraged to apply.
Nontraditional Careers: Opportunities Away From the Bench Webinar

Want to learn more about exciting and rewarding careers outside of academic/industrial research? View a roundtable discussion that looks at the various career options open to scientists and strategies you can use to pursue a nonresearch career.

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Science Careers
From the journal Science
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INNATE IMMUNOLOGIST
Faculty Position

The Immunology and Infectious Disease Program at the University of Rochester School of Medicine and Dentistry (Rochester, New York) is recruiting for a tenure-track faculty (open-rank) position in innate immunology. We seek an energetic and creative scientist whose research synergizes with major institutional strengths in human and mouse adaptive immunology in infectious and inflammatory disease. The successful candidate will join a highly collaborative and multidisciplinary research community and should strengthen research interests in how microbial and environmental factors modify immunity through innate cell recruitment and activation.

Qualified candidates should have a successful research background in basic and/or translational science focused on innate immunity. Candidates with a strong record of accomplishments and innovation should apply online at website: http://www.rochester.edu/jobopp, job number 177923 and forward a single PDF containing cover letter, curriculum vitae, contact information for three references and statement of current research and future plans to e-mail: dina_marcoccia@urmc.rochester.edu.

Review of applications will start January 2, 2013.

The University of Rochester has a strong commitment to principles of diversity and, in that spirit, actively encourages applications from groups underrepresented in higher education.

SYSTEMS BIOLOGIST in Immunology and Infectious Disease
Faculty Position

The Immunology and Infectious Disease Program at the University of Rochester School of Medicine and Dentistry (Rochester, New York) is recruiting for a tenure-track faculty (open-rank) position to use systems biology approaches to understand inflammation and infectious disease. We seek an energetic and creative scientist whose research synergizes with major institutional strengths in human and mouse immunology. The successful candidate will join a highly collaborative and multidisciplinary research community focused on immunological disease. The candidate’s expertise will complement a number of major NIH funded center awards and contracts at the University of Rochester that focus on translational studies of immunity including the Respiratory Pathogens Research Center (RPRC), the Autoimmunity Center of Excellence (ACE), the Center for Bio defense Immuno Modulation (CBIM), the Center of Excellence in Influenza Research and Surveillance (NYICE), and a Developmental Center for AIDS Research (DCFAR).

Qualified candidates should have a successful research background in basic and/or translational science in immunology from a systems biology perspective. Candidates with a strong record of accomplishments should apply online at website: http://www.rochester.edu/jobopp, job number 177923 and forward a single PDF containing cover letter, curriculum vitae, contact information for three references and statement of current research and future plans to e-mail: dina_marcoccia@urmc.rochester.edu.

Review of applications will start January 2, 2013.

The University of Rochester has a strong commitment to principles of diversity and, in that spirit, actively encourages applications from groups underrepresented in higher education.

Loyola University Chicago (LUC), College of Arts and Sciences, Department of Biology invites applications for DEPARTMENT CHAIRPERSON, a tenure-track position at the FULL PROFESSOR rank. Candidates from all areas of Biology will be considered. The Department, located in the Quinlan Life Sciences Education and Research Center, serves approximately 1,500 undergraduate majors, 55 students in a Medical Sciences M.A. program, and 25 students in a thesis-based M.S. program, and contributes courses to Biochemistry, Bioinformatics, Forensic Sciences, Exercise Physiology, Nursing, and Neuroscience. The Institute of Urban Environmental Sustainability will provide additional opportunities for interdepartmental collaborations (website: http://luc.edu/biology). The successful candidate will be expected to lead a department of 20 tenure-track and 18 full-time, non-tenure-track faculty and to promote excellence in teaching and scholarship. A Ph.D. degree and leadership experiences in Biology or closely related fields are required. Candidates should complete an online application at website: http://careers.luc.edu, with a cover letter; curriculum vitae; a personal statement about their philosophy of departmental leadership; and a detailed description of their research and teaching interests. Candidates should submit names and e-mail addresses of three individuals prepared to write about their professional qualifications for the position. Review of applications will begin December 15, 2012, and applications will be accepted until the position is filled. LUC is an Equal Opportunity/Affirmative Action Employer with a strong commitment to hiring for its mission and diversifying its faculty. LUC seeks candidates who will contribute to its strategic plan to deliver a transformative education in the Jesuit Catholic tradition. Information on LUC’s mission and philosophy of transformative education is found at websites: http://luc.edu/mission/missionandidentity and http://luc.edu/transformatived, respectively. Applications from women and minorities are especially encouraged.
CiRA International Symposium 2013
“Raising the next generation of stem cell research”
March 11-12, 2013 | Kyoto, JAPAN

Call for Poster Presentation
Abstracts Due: January 18, 2013
Registration and further information
http://www.cira.kyoto-u.ac.jp/

Confirmed Speakers
Kevin Eggan
Harvard University
John Gurdon
Gurdon Institute
Konrad Hohenedinger
Harvard Stem Cell Institute
Hiromitsu Nakauchi
University of Tokyo
Shin-Ichi Nishikawa
RIKEN
Hideyuki Okano
Kyoto University
Mahendra Rao
NIH
Hans Schöler
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Deepak Srivastava
Gladstone Institute
Amy Wagers
Harvard University
Ian Wilmut
University of Edinburgh
Shinya Yamanaka
CIRA, Kyoto University
Richard Young
Whitehead Institute

AWARDS

“Bernstein Award” 2013
Young Scientists Research Award in Computational Neuroscience

The German Federal Ministry of Education and Research (BMBF) has established the “National Network for Computational Neuroscience” with six high-performing “Bernstein Centers for Computational Neuroscience” as the major structural elements.

The "Bernstein Award" is equipped with up to 1.25 Mio Euros in the form of a grant over a period of five years. It will be awarded to a highly qualified young researcher, considering the candidates’ verifiable research profile in the field of Computational Neuroscience and the scientific concept for a future young research group. Young researchers can apply for their own position and group. The group funded by the “Bernstein Award” will become an integral part of the National Network for Computational Neuroscience. Future announcements of the “Bernstein Award” are in the scope of the Ministry’s planning.

The grant is provided for a scientific project of a young research group headed by a postdoc regardless of nationality. The project will be conducted at a German university or research institution – within or outside the Bernstein Centers. It is a prerequisite for funding that the university or research institution concerned employs the young researcher during the funding period and supports him/her with the basic equipment in terms of laboratory space and other infrastructure. A statement made to that effect by the receiving institution must be included with the project outline to be submitted.

Deadline for applications is April 15th, 2013.
For more detailed information about the “Bernstein Award” including application conditions please visit
http://www.nncen.de
or

INTERNATIONAL SOCIETY FOR NEUROCHEMISTRY
AMERICAN SOCIETY FOR NEUROCHEMISTRY

Satellite Symposium
UNVEILING THE SIGNIFICANCE OF LIPID SIGNALING IN NEURODEGENERATION AND NEUROPROTECTION
April 17 - 19, 2013
Hyatt Regency Cancun, Cancun, Mexico

The purpose of this meeting is to honor and recognize the academic contributions of Dr. Nicolas Bazan to advancing lipid signaling in neuroscience and ophthalmology, as well as his dedicated service to the ASN and ISN.

In addition, this satellite meeting will integrate signaling mediated by different lipids to neurological disorders. This integrative approach will stimulate vigorous discussions on mechanisms and novel strategies for prevention and treatment of neurological diseases

Honoree
Nicolas G. Bazan, M.D., Ph.D.
(New Orleans, LA)

ORGANIZING COMMITTEE
Chair -
Grace Sun, Ph.D.
(Columbia, MO)

Co-Chair -
W. Gibson Wood, Ph.D.
(Minneapolis, MN)

Abstracts are encouraged for poster presentations
Selected abstracts will be chosen for oral presentation

Visit our website:
www.ISN-BrainLipids.org
positions open
Bioinformaticist/Computational Biologist
As part of an ongoing expansion into core research clusters, the Department of Biological Sciences, Bowling Green State University (BGSU) seeks tenure-track Bioinformaticist/Computational Biologist applicants at the ASSISTANT PROFESSOR level. Demonstrated experience in applying next generation sequencing and other high throughput technologies to dissect genomes, genes, and pathways is sought with the strongest candidates combining bioinformatics and experimental approaches, irrespective of research area. Research complementing existing faculty interests in genomic, transcriptomic, and metagenomic analyses is preferred. Ph.D. required; postdoctoral experience preferred. Successful candidates are expected to develop highly productive, externally funded research, and contribute to the graduate (Ph.D./M.S., n=90) and undergraduate programs. Ample laboratory space and resources are available for research program expansion. Electronically submit (one PDF file; Subject: Bioinformatics Search) cover letter, curriculum vitae, statements of research plans and teaching perspective, and representative publications to e-mail: dmclean@bgsu.edu along with three reference letters by January 11, 2013. A background check is required for employment. Questions? Contact George Bullerjahn at e-mail: bullerj@bgsu.edu. Further information about our department can be found at website: http://www.bgsu.edu/departments/biology. BGSU is an Affirmative Action/Equal Opportunity Employer/Educator and encourages applications from women, minorities, veterans, and persons with disabilities.