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Tenure-Track Faculty Position
in Immunology

The Department of Molecular Genetics and Microbiology in the School of Medicine at Stony Brook University invites applications for a tenure-track faculty position in Immunology at the Assistant Professor level. Applicants must have a PhD or MD and have at least three years of postdoctoral experience. The successful candidate will establish a vigorous extramural research program, participate in the Department’s educational mission of graduate and medical school teaching, and perform University and departmental service as needed. Ideal candidates will be those with interests in the immunology of infection.

The Department of Molecular Genetics and Microbiology, and the adjacent Center for Infectious Diseases, provide a highly interactive scientific community with world-class research facilities. The School of Medicine and Stony Brook University maintain state-of-the-art core facilities that provide support in a number of areas including: microscopy and imaging, flow cytometry, proteomics, microarray analysis, DNA sequencing, bioinformatics, animal maintenance, and BSL-3 containment.

To ensure full consideration, applications should be received by June 1, 2014. The review of applications will continue until the position is filled. Candidates should submit (on-line submission is strongly preferred) a Curriculum vitae, a 3-page summary of accomplishments and future research interests, and contact information of three references as a compiled PDF to:

Dr. James B. Bliska
Chair of Search Committee
Department of Molecular Genetics and Microbiology
Life Sciences Building, Room 130
Stony Brook University
Stony Brook, NY 11794-5222

For a full position description, visit http://www.stonybrook.edu/jobs/ (Ref. # F-8567-14-03).

Stony Brook University/SUNY is an equal opportunity, affirmative action employer.

Department of Molecular and Cellular Biology

The Department of Molecular and Cellular Biology at Baylor College of Medicine (BCM) is seeking to recruit a faculty member in Cancer Research with a joint membership in the Dan L. Duncan Cancer Center (DLGCC), a highly qualified individual with an outstanding record of accomplishments in research, education and an excellent record of sustained NIH funding.

We are accepting applications for a position at the ASSISTANT or ASSOCIATE PROFES-
SOR (with current grant funding) rank. Faculty at the PROFESSOR level will not be ruled out. We are seeking outstanding candidates who are pursuing cutting-edge research in Basic Cancer Biology with an emphasis on the following areas: cancer metabolism, tumor micro-
vironment including inflammation and angiogenesis, and metastasis; use of state-of-the-art techniques such as in vivo imaging is welcome.

Our Department offers Faculty access to the Advanced Technology Core Laboratories, The Alkek Center Proteomics and Metabolomics facility, and the BCM Center for Drug Discovery. We are located in Houston’s Texas Medical Center and affiliated with the University of Texas Medical School, The UT MD Anderson Cancer Center, and Rice University, etc. In addition to a BCM startup package, additional CPRIT relocation and expansion funding from the State of Texas is likely for qualified candidates. Academic rank and salary are commensurate with experience and qualifications. Candidates should email a cover letter, curriculum vitae, and a statement of research interests, to adaniels@bcm.edu. Please arrange to have three letters of recommendation addressed to Dr. Jeffrey Rosen, Vice-Chair, Department of Molecular and Cellular Biology: BCM130, Baylor College of Medicine, c/o Alvenia Daniels, One Baylor Plaza, Houston, TX, 77030. The committee will review applications beginning May 1, 2014 and will continue until the position is filled.

Baylor College of Medicine is an Equal Opportunity Affirmative Action and Equal Access Employer.
Ludwig-Maximilians-Universität (LMU) München is one of the leading research universities in Europe, with a more than 500-year-long tradition. As part of the “LMU Academic Career Program”, LMU Munich will award

10 Research Fellowships to excellent junior academics.

The program aims to attract outstanding postdoctoral researchers from all over the world. Applications are welcome from candidates of all disciplines who have completed their doctoral studies within the last three years with outstanding results. Applicants must present an independent research project as part of their application.

The project must be supported by a professor of LMU Munich. The fellows will become members of the Young Center of the Center for Advanced Studies and be able to make use of its services.

**Endowment**

Research fellows will receive an attractive salary according to the German “Tarifvertrag der Länder” (TV-L) grade E 14. Applicants may apply for an additional start-up funding up to the amount of €25,000 as well as for material and travel expenses of up to €10,000 per year. In the first two years after the completion of their research fellowship, the fellows may be granted up to €5,000 for continuing cooperation with LMU Munich. The fellowships are initially tenable for two years. An extension of two years may be granted upon a positive academic evaluation.

Ludwig-Maximilians-Universität München is an equal opportunity employer committed to excellence through diversity and therefore explicitly encourages women to apply.

**Closing date for applications is 1 June 2014.**

The fellowships should commence between 1 October 2014 and 1 March 2015.

For all information regarding your application please consult: www.lmu.de/excellent/research-fellowships

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The NIH Center for Human Immunology, Autoimmunity and Inflammation (CHI) is a trans-NIH Institutes initiative to study the human immune system in health and disease, using high-throughput multi-dimensional assays and integration of dense data sets with advanced computational approaches.

CHI is recruiting an individual who will have responsibilities in the broad area of computational analysis of diverse data sets from high-throughput assays, such as microarrays, highly-density flow immunocyte phenotyping, multiplex analysis of serum cytokines and proteins, and SNP genotyping. The position involves close collaboration with multiple experimentalists to answer biological questions of interest by advising on study structure and data collection procedures such as batch design to optimize data output for subsequent analysis, performing quality control of experimentally generated data, conducting relevant statistical analyses and modeling of the processed data, and developing and employing advanced bioinformatics methods to integrate the different data sets, including analysis results from CHI studies and knowledge from the literature and public databases. The Staff Scientist position is located in CHI’s Bioinformatics Laboratory, and will be part of an existing group that conducts computational activities in support of CHI protocols. To facilitate efficient data retrieval and data mining, this group will build databases and software infrastructure to load, store and organize the diverse data sets, associated metadata, and analysis results from the high-throughput assays. The group also conducts advanced bioinformatics and systems biology research, such as developing novel statistical methods for the analysis and integration of high-dimensional data sets to gain biological insight. Because the computing infrastructure of CHI is by necessity very inhomogeneous, the incumbent will likely need to develop or work with custom hard- and software solutions to accomplish these various goals.

The ideal candidate will have a Ph.D. in computational biology, bioinformatics, systems biology, or relevant disciplines. Three+ years of hands-on research experience with the analysis of high-throughput data sets would be a strong plus. He/she should possess a sound knowledge of statistics and quantitative modeling and solid computer programming skills with proficiency in Matlab/R, SQL, and at least one scripting language (Perl/Python/Ruby). Proficiency in C/C++ and/or Java, as well as experience with multiple OS platforms (Windows, MAC, Linux) are pluses.

**How to Apply:** Applicants may be U.S. Citizens, resident aliens, or non-resident aliens holding or eligible for a valid employment visa. Applications must be accepted until the position is filled. Please submit a curriculum vitae and brief statement of how your experience relates to the needed qualifications along with 3 letters of reference to: Neal S. Young, M.D. Director CHI c/o Christen Sandoval Building 15F2 MSC 2664 NIH Bethesda MD 20892, or electronically to christen.sandoval@nih.gov.

Additional information about CHI is available online at: http://www.nhlbi.nih.gov/resources/chi/index.htm
The Institut Pasteur is hiring a director and 2 senior group leaders for its new Center of Bioinformatics, Biostatistics and Integrative Biology.

**Institut Pasteur** is a non-profit private foundation dedicated to fundamental research in human biology and the prevention and treatment of disease, with a large focus on infectious diseases, through basic science, education, and public health activities. The Paris campus houses 146 research units belonging to 10 research departements, employing about 2,600 people. It is recognized worldwide as a leader in infectious disease research and is ranked as a top level institution for publication impact in the field of microbiology. Institut Pasteur has developed a world-class technological center, its "Technopol" composed of 10 state-of-the-art technological platforms, which closely collaborate with the researchers and cover their needs for studying modern biology from genomic to post-genomic activities, including bioinformatics, genotyping, DNA and protein sequencing, transcriptomics, proteomics, protein and antibody production, crystallography and X-ray diffraction, macromolecular interactions, collections, animal facilities and an exceptional imaging centre (Imagopol).

**The Positions**

The new direction of the Institut Pasteur has defined Bioinformatics/biostatistics and integrative biology as strategic priorities. In this frame, the Pasteur Institute is seeking an outstanding scientist to direct a newly created “Centre of Bioinformatics, Biostatistics and Integrative Biology” located on the Paris campus. The goal of this Center is to federate, from a computational biology perspective, the different but highly complementary research themes that are present on the Campus: genomics of hosts and pathogens, infection biology, evolutionary and population genetics, structural biology and human health. In addition to directing the new Center, the successful candidate shall have his/her own research group, in order to pursue his/her scientific interests. To accomplish this double duty, the candidate will receive substantial financial support, both in running costs and personnel, from the Pasteur Institute. In this context, the Institut is also opening two additional senior group leader positions in these fields to increase the size of its community and its visibility.

**Candidate’s profile**

Successful candidates will possess the following qualifications:

- PhD with a minimum of 10 years post-doctoral research experience.
- Recognized scientific leadership in bioinformatics and computational biology
- Broad experience in methodological development for the analysis of various types of data
- Consistent record of cutting-edge research as evidenced by senior author publications in top journals
- Significant experience in managing and mentoring scientists, and in designing and executing an innovative research program
- Demonstrated ability to collaborate with scientists irrespective of their computational or experimental background

The application should comprise the following (in order) in a single pdf file:

1. A brief introductory letter.
2. A Curriculum Vitae and a full publication list.
3. A description of past and present research activities (4-5 pages with 1.5 spacing).
4. The proposed research project (8-10 pages with 1.5 spacing).

Further information on the institute its facilities can be found on the web site [http://www.pasteur.fr](http://www.pasteur.fr). Applications should be addressed to [gengeninfo@pasteur.fr](mailto:gengeninfo@pasteur.fr) by May 31 2014. Short-listed candidates will be invited for interview in September 2014 and decisions will be announced by early October 2014.

Informal Inquiries can be addressed to Didier Mazel (Director of the Genomes and Genetics department).
Sun Yat-sen University, Professor or Associate Professor in Marine Sciences

South China Sea Resource Exploitation and Protection Collaborative Innovation Center (SCS-REPIC) has been recently established in Sun Yat-sen University, Guangzhou, China. SCS-REPIC invites applications for several faculty positions at Associate Professor and Full Professor levels.

All applicants must have a Ph.D. or equivalent degree, and a strong record of research accomplishments. Successful applicants are expected to establish and maintain an extramurally funded research program with emphasis in the areas of (marine geology, physical oceanography, marine ecology, marine chemistry, marine natural products, data mining with big data, marine biology). These positions include a 12-month salary, fringe benefits, competitive start-up package, and modern laboratory facilities or by negotiations.

To apply for these positions, please send your CV and a brief statement of research interests to hanmox@mail.sysu.edu.cn.

Review of applicants will begin as soon as the applications are submitted and will continue until the positions are filled. Anticipated start-date is the spring or summer of 2014. The SYSU is an equal opportunity employer and encourages persons of any races, ethnicity, ages and genders to apply.

Advertisements

Job Vacancies in China’s Universities

AcaBridge (short for "Academic Bridge") is an academic job site providing teaching jobs, education jobs, research jobs, and professional jobs in China's Universities and Research Institutes.

China’s Rapid Development — More Opportunities

- Shenzhen University (Shenzhen)
  Positions: 4-8 tenured or tenure-track full professors; 5-12 tenured-track associate professors; 20-30 senior-ranked assistant professors

- Southwest University (Chongqing)
  Faculty Positions in the areas of Mathematics, Chemistry, Materials Science...

- Nanjing Agricultural University (Nanjing)
  Positions are divided into four categories: Zhongshan Distinguished Professor, Zhongshan Leading Professor, Zhongshan Leading Researcher, and Zhongshan Young Researcher.

For more details, visit http://www.acabridge.cn/

Recruitment of Chang Jiang Scholar and Thousand Young Talents

Jinan University enjoys a 108-year history since its founding in 1906, established by the overseas Chinese. As part of 211 Project, 6 programs of Jinan University were recognized as national key discipline construction projects (Finance and Capital Market, Industrial Economy and Regional Development, Comparative Literature and Art and Overseas Chinese Literature, Overseas Chinese and Sino-foreign Relation, Aquatic Ecology and Algae Biological Resources, Biological Technology and Biological Engineering Product, Non-linear Mechanics in Huge Engineering Structure, as well as Modernization of Traditional Chinese Medicine and Combination of Chinese and Western Medicine.), 4 national key disciplines (Industrial Economics, Aquatic Biology, Finance, Theory of Literature and Art), 8 key disciplines recognized by Overseas Chinese Affairs Office of the State Council (Accounting, Journalism, Engineering Mechanics, Ophthalmology, Internal medicine, Ancient Chinese History, Immunology, and International Relations), 20 Guangdong provincial first-level key disciplines, 4 Guangdong provincial second-level key disciplines. The university also has 15 first-level discipline doctorate degree awarding stations, 38 first-level discipline master’s degree awarding stations.

With an open arm, Jinan University welcomes outstanding experts, scholars and young talents at home and abroad, especially Chang Jiang Scholars and Thousand-Young Talent. Any consulting will be welcomed. For more information, please check on www.jnu.edu.cn.

Chang Jiang Scholar Distinguished Professor

Candidates shall have a doctorate degree. Overseas candidates shall have a title of associate professor or above in high-level universities. Domestic candidates shall have a title of professor or hold a relevant position. Candidates shall be academically knowledgeable, with innovative and strategic thinking, able to lead the discipline to catch up with or keep pace with the international level, enjoy strong ability in leadership and coordination, able to lead the academic team to make research breakthrough. Candidates for natural sciences and engineering shall not exceed 45-year-old and those for humanities and social sciences no more than 55-year-old.

Thousand Youth Talent Program

Candidates for natural sciences or engineering technology shall not exceed 40-year-old. Doctorate degree from overseas well-known universities shall be accompanied with more than three-year working experience abroad. Doctorate degree obtained in China shall engage in teaching or research abroad for over 5 years or held official teaching or research position in overseas well-known universities, research institutes or well-known research and development institutions before returning China. Candidates shall be outstanding among their peers in the field concerned and have potentials to become academic or technical pioneers in the field. Candidates shall engage in full-time job after the introduction.

Treatment

The university will provide munificent salary, and strongly support on research funding, laboratory construction, and organizing the research team. The specific treatment will be negotiable.

Application

Interested talents at home and abroad can contact us via email or telephone. More recruitment information at http://personal.jnu.edu.cn/

Contact person: Zhou Leping, Tong Feng
Tel: +86-20-85227283
Email: talent@jnu.edu.cn
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

SCIENTIFIC PROGRAM LEADER
Associate/Full Professor (tenure eligible)
Position Number: F35670

Hire Date: August 1, 2014
Deadline: Open until Filled

The Massey Cancer Center of Virginia Commonwealth University (VCU), an NCI-designated Cancer Center and VCU School of Medicine are recruiting a senior scientist to lead its Radiation Biology and Oncology (RBO) Scientific Program. One of five scientific programs with the Massey Cancer Center, and one of only nine programs in NCI-designated Cancer Centers in the country with an emphasis on radiation sciences, the RBO has a scientific focus in the areas of DNA repair, tumor microenvironment, and the impact of inflammation on tumor radio responsiveness and normal tissue radio sensitivity. The RBO program also is one of the only two programs in the Cancer Center with an active clinical trial component. A multidisciplinary program with sixteen members representing four different departments and two schools, membership in the RBO consists of five laboratory scientists, three medical physicists, one biostatistician and seven clinicians.

This is a tenure-track appointment at the rank of Associate Professor or Professor in the VCU School of Medicine, commensurate with the candidate's experience. The successful candidate will have a track record of sustained extramural funding, publication and recognition as a leader in his/her field of study. He/she will be expected to provide scientific direction, foster inter- and intra-programmatic collaborations leading to growth of the program, and expand the program's translational research component. He/she must have a Ph.D. and/or M.D. in a relevant scientific area. The successful candidate must have demonstrated experience working in and fostering a diverse faculty, staff, and student environment or commitment to do so as a faculty member at VCU. Richmond is a mid-sized metropolitan area with close proximity to Washington, D.C., the beautiful Blue Ridge Mountains, and scenic coastal areas.

Applications shall be forwarded by email, preferably in one pdf file, to: Jeannie Rummel, Human Resources Administrator, VCU Massey Cancer Center, jcrummel@vcu.edu.

Virginia Commonwealth University is an equal opportunity/affirmative action employer. Women, minorities, and persons with disabilities are encouraged to apply.
The Faculty of Science (Philosophisch-Naturwissenschaftliche Fakultät) of the University of Basel invites applications for the position of

**Professor of Chemistry (open rank)**

We are seeking for candidates with an internationally recognized research program and an outstanding publication record in

**Organic Synthesis**

While all areas of organic chemistry will be considered, upon equal qualifications, preference will be given to candidates with a focus on synthetic methodology. The selected candidate is expected to participate to teaching chemistry at all levels of the BSc, MSc and PhD programs. The University of Basel has an established program for career progression allowing promotion to associate and full professor upon successful evaluation.

The Department of Chemistry is located near the center of Basel, a town which provides a stimulating and supportive environment for interdisciplinary research thanks to the strong presence of science institutes as well as the chemical and pharmaceutical industries. For further information see [http://www.chemie.unibas.ch](http://www.chemie.unibas.ch)

The selected candidate is expected to commence the appointment in Summer 2015. Applications received by April 30, 2014 are guaranteed full consideration. The University of Basel is an equal opportunity employer and applications from female candidates are particularly encouraged. Applications, including a curriculum vitae, list of publications, an outline of current and future research plans and names of four referees should be sent by email (as pdf file) to Prof. Dr. Jörg Schibler University of Basel, Dean of the Faculty of Sciences, Klingelbergstrasse 50, 4056 Basel, dekanat-phl@unibas.ch. For further information, please contact: Prof. Dr. Thomas Ward, Head, Department of Chemistry, E-mail: thomas.ward@unibas.ch

Founded in 1911, The University of Hong Kong is committed to the highest international standards of excellence in teaching and research, and has been at the international forefront of academic scholarship for many years. The University has a comprehensive range of study programmes and research disciplines spread across 10 faculties and over 140 academic departments and institutes/centres. There are over 27,800 undergraduate and postgraduate students coming from 50 countries, and more than 2,000 members of academic and academic-related staff, many of whom are internationally renowned.

**Post-doctoral Fellowships and Research Assistant Professorships**

Applications are invited for a number of positions as Post-doctoral Fellow (PDF) and Research Assistant Professor (RAP), at the University of Hong Kong, on or before February 28, 2015. Appointments will be made for a period of 2 to 3 years. PDF and RAP posts are created specifically to bring new impetus and vigour to the University’s research enterprise. Positions are available from time to time to meet the strategic research needs identified by the University. Positions are available in the following Faculties/Departments/Schools/Centres:

- School of Modern Languages and Cultures
- Faculty of Education
- Computer Science
- Electrical and Electronic Engineering
- Industrial and Manufacturing Systems Engineering
- Mechanical Engineering
- Law
- Anatomy
- Biochemistry
- Centre for Cancer Research
- School of Chinese Medicine
- Research Centre of Heart, Brain, Hormone and Healthy Aging
- Research Centre of Infection and Immunology
- Centre of Influenza Research

**Post-doctoral Fellows**

PDFs are expected to devote full-time to research. Applicants should be doctoral degree holders having undertaken original research that has contributed to the body of knowledge. A highly competitive salary commensurate with qualifications and experience will be offered. Annual leave and medical benefits will also be available.

**Research Assistant Professors**

The main focus of an RAP’s duty is research. RAPs can however be assigned some teaching duties, up to 50% of the normal teaching load. Applicants should be research active and have a proven publication record. A highly competitive salary commensurate with qualifications and experience will be offered, with a contract-end gratuity and University contribution to a retirement benefits scheme (totaling up to 15% of basic salary). Annual leave and medical benefits will also be offered.

**Procedures**

Prospective applicants are invited to visit our webpage at [http://jobs.hku.hk/](http://jobs.hku.hk/) to view the list of the Faculties/Departments/Schools/Centres and their research areas for which PDF/RAP positions are currently available. Before preparing an application, they should contact the Head of the appropriate academic unit to ascertain that their research expertise matches the research area for which a vacant PDF/RAP post is available.

Applicants must submit a completed University application form, which should clearly state **which position** they are applying for; and in which academic discipline. They should also provide further information such as details of their research experience, publications, research proposals, etc.

Application forms (341/1111) can be obtained at [http://www.hku.hk/apptunit/form-ext.doc](http://www.hku.hk/apptunit/form-ext.doc). Further particulars can be obtained at [http://jobs.hku.hk/](http://jobs.hku.hk/). **Closes May 9, 2014.** The University thanks applicants for their interest, but advises that only shortlisted applicants will be notified of the application result.

The University is an equal opportunity employer and is committed to a No-Smoking Policy.
To Dr. Shirley Malcom, born and raised in the segregated South more than 65 years ago, a career based on her studies in science seemed even less likely than the launch of the Soviet's Sputnik. But with Sputnik's success, the Space Race officially started and, in an instant, brought a laser-like focus to science education and ways to deliver a proper response. Not long after, Dr. Malcom entered the picture.

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

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

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

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.