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Positions Open

Mote Marine Laboratory

2015 POSTDOCTORAL RESEARCH FELLOWSHIP

Mote Marine Laboratory announces the availability of one new position in 2015. The new Mote Postdoctoral Research Fellow is expected to begin by December 31. Applications are invited from recent Ph.D. graduates including those with firm expectation of graduation by December 2015. However, at time of appointment, doctoral degree must have been awarded. In addition, Mote will only consider applicants who received the Ph.D. (or equivalent professional degree) later than January 1, 2012. Applications will concern the ecology of benthic marine invertebrates. Competitive applications will focus on research programs that are relevant to conservation and the sustainable uses of marine biodiversity, healthy habitats, and natural resources; will bring or propose new multi-investigator/institutional collaborations to Mote, and will be cognizant of global issues. For complete Fellowship information and application requirements see website: http://www.mote.org/about-us/employment-opportunities. This position will remain open until filled. Mote Marine Laboratory is an Equal Opportunity/ADA/E-Verify Employer.

WEILL CORNELL MEDICAL COLLEGE
Meyer Cancer Center
Department of Dermatology

A full-time POSTDOCTORAL RESEARCH SCIENTIST position is available in the laboratory of Jonathan Zippin. Research in the laboratory focuses on the development of novel cancer models and therapeutics. There are both translational and basic projects available. Project involves collaboration between a multidisciplinary clinical team and basic scientists. Candidates must possess an M.D., Ph.D., or both; strong research skills in cell biology and molecular biology; and be comfortable working with mice. This position represents an opportunity to join a world-class team at a top-rated medical center. Interested applicants should send their curriculum vitae to: Jonathan Zippin, M.D., Ph.D. Department of Dermatology Joan and Sanford I. Weill Medical College of Cornell University 1305 York Avenue, 9th Floor New York, NY 10021 E-mail: jhzippin@med.cornell.edu Weill Cornell Medical College is an Equal Opportunity/Americans with Disabilities Act Employer.
Leadership Training for Early Career Researchers

A decade ago, the “sink or swim” culture was widespread in research. But academic institutions across the United States and Europe are now investing resources in helping young researchers gain the skills they need for climbing the career ladder. Top on the list are leadership skills, whether for conflict management, handling finances, or negotiating intellectual property rights in an international consortium, these are highly rated assets that can help researchers advance to senior roles. Here’s a look at some of the most established leadership programs that hold alumni who are leaping ahead as a result of the training. By Julie Clayton

It was a daunting prospect for Katie Garman when she joined Duke University’s Department of Medicine as a faculty member in 2011 and found herself in charge of a research group for the first time. She took on a technician, a graduate student, and “several clinical fellows and residents” for short-term gastroenterology projects.

With a clinical background focused on diagnosis and treating patients, Garman had little experience of managing budgets or people. Her position was similar to that of a postdoc facing their first tenure-track appointment.

“Although I had some exposure to research it was always with someone else as the principle investigator and without the responsibilities of being the person in charge,” she recalls. “I really needed to learn more about how to manage a lab and manage a group and obtain a very different skillset than the one that I had acquired during medical school, residency, and fellowship.”

Fortunately, the School of Medicine at Duke has a training program to help new faculty members develop leadership skills. Garman was nominated by her departmental chair to undertake the training in 2012, together with around 40 others from different departments.

Over three days, Garman joined seminars, discussion groups, and role-play exercises. These were aimed at understanding different personality types, creating strategies for dealing with challenging situations such as conflict, and forming a support network to help follow up with a personal action plan.

Personality differences

Garman found it especially useful to think about how personalities shape people’s preferred way of communicating. “Even though I had developed a skillset in managing a difficult patient I really hadn’t delved more deeply into that knowledge base of how people can have such different styles of communicating,” she explains. “In order to really be a good listener and be innovative you have to be open to people who communicate in a very different way.”

The role-play sessions are among the most popular at Duke, enabling faculty to practice their coaching skills on volunteer postdocs and students. “It lets them fumble around with their words in a safe environment so that when they’re facing similar scenarios in their real lives they can draw from that memory,” says Jessica Womack, who coordinates the Leader Program.

The lessons can help outside the lab too. “Happily, I have not encountered the role-play situations in real life but dealing with conflict and working through difficult situations is a life skill that comes in handy at work and in one’s personal life,” says Garman.

Duke University is one of many institutions in the United States and other countries that are investing in leadership training for early career researchers, often at the postdoc stage or earlier. The goal is to minimize the time and energy spent dealing with the difficulties of team leadership, and maximize the chance of a productive and successful career.

Many institutions use the classic Myers Briggs Type Indicator (MBTI) for understanding personality type. Individuals gain awareness of their own and others’ personality preferences, for example, whether they tend towards being extrovert or introvert, and how this influences communication.

Duke’s program was the initiative of Ann Brown, vice dean for faculty at Duke University School of Medicine. She adapted the idea from a program at the University of Pittsburgh, which in turn was based on the Making the Right Moves initiative of Howard Hughes Medical Institute. Brown knew that researchers needed to be better prepared for leadership, especially because the increasingly competitive nature of funding meant that there was more pressure to deliver results. “You wanted people to be able to hit the ground running and have a sense that managing people is now a part of their job. You want them to feel comfortable managing conflict, understanding [their] own communication style, understanding how other people receive information, and how to build [their] own team,” says Brown. continued>
Fifty percent of all science created in Brazil is produced in the State of São Paulo. The state hosts three of the most important Latin American universities: Universidade de São Paulo (USP), Universidade Estadual de Campinas (UNICAMP) and Universidade Estadual Paulista (UNESP). Other universities and 19 research institutes are also located in São Paulo, among them the Technological Institute of Aeronautics (ITA), the National Institute for Space Research (INPE) and the National Synchrotron Light Laboratory (LNLS), besides most of Brazilian Industrial P&D.

The São Paulo Research Foundation (FAPESP), one of the leading Brazilian agencies dedicated to the support of research, has ongoing programs and support mechanisms to bring researchers from abroad to excellence centers in São Paulo.

The **Young Investigators Awards** is part of FAPESP’s strategy to strengthen the State research institutions, favoring the creation of new research groups. See more about it at [www.fapesp.br/en/yia](http://www.fapesp.br/en/yia).

FAPESP **Post-Doctoral Fellowship** is aimed at distinguished researchers with a recent doctorate degree and a successful research track record.

The fellowship enables the development of research within higher education and research institutions in São Paulo. Postdoc fellowships are available when calls for applications are issued internationally, or as individual fellowships requested on demand.

In the first case, positions are advertised at [www.fapesp.br/oportunidades](http://www.fapesp.br/oportunidades) and candidates are selected through international competition. In the second, the proposal must represent an addition to a pre-existent research group and should be developed in association with faculty in higher education and research institutions in São Paulo. More information at [www.fapesp.br/en/postdoc](http://www.fapesp.br/en/postdoc).
Similarly, when Lori Conlan joined the National Institutes of Health’s Office for Intramural Training and Education in 2009, she set up a Leadership and Management program that went beyond just lab management to consider leadership in other spheres. Statistically, many early career researchers are likely to move away from lab-based research, says Conlan.  

So far, the NIH program has trained over 700 graduate students, postdocs, and early PIs. It involves 32 hours of training over one semester, addressing topics such as understanding personality types and conflict management focused specifically on the research environment. A more generic business-style model of training simply does not work for a scientific audience, even if the underlying ideas are common to both communities. “Every time we get a business school to come and do this, they do a great job and the material is didactically the same, but [it doesn’t] resonate with scientists because they don’t understand the culture,” says Conlan.  

Participants also learn about the influence of cultural background according to the Hofstede Model. “Science is the most international workforce, and we throw people in from different cultures and we ask them to work together,” exclaims Conlan. The Hofstede model proposes that a person’s perspective can vary depending on their background, such as how South versus North Americans view time. Likewise, attitudes toward hierarchy may vary—scientists from Asian cultures, where respect for authority is paramount, may wait for guidance rather than taking the initiative expected in the more individualistic cultures of the United States or United Kingdom.  

Leading peers  

Besides leading their own team, academics increasingly need leadership skills for handling multidisciplinary collaborations. Richard Trask, a materials scientist at the University of Bristol in the United Kingdom, participated in the university’s Preparing for Research Leadership training program while a postdoc in 2009. He knows the difficulties that arise during the coordination of grant proposals, writing papers and assigning intellectual property rights. These require cooperation among academics of equal status, and sometimes with collaborators of higher status than the initiator.  

“It can lead to interesting technical and management challenges,” says Trask, whose collaborations involve chemists, physicists, biologists, and medical colleagues. Typically, one discipline might prompt the collaboration, followed by the creation of shared documents, and a flurry of emails without the luxury of face-to-face meetings in order to reach agreement. “It’s the academic space we’ll find ourselves in more often in future.” Adding to the challenge is the need for collaboration with industry, with its own sometimes conflicting timescales and priorities. Trask still harks back to leadership training regarding self-awareness and understanding of personality differences for managing increasingly dynamic and complex situations.  

The training also helped Trask develop his individual leadership style, with a fairly flexible approach to supervision of 12 Ph.D. students and one postdoc. He avoids rigid micro-management, for example, by allowing students to specify how often they want progress meetings to take place. By applying leading skills, Trask finds that the complex task of managing and supervising becomes less of a challenge, and more a collaborative culture.  

“The self-awareness training is invaluable, according to Alison Leggett, head of academic staff development at the University of Bristol. “That kind of people element is not something you really talk about in research—especially in the sciences. It’s all about your technical skills and knowledge rather than these softer skills.”  

Bristol’s program is aimed at those on the cusp of becoming leaders: postdocs and recently appointed lecturers. It involves attending eight training sessions over a period of three months, on topics such as personality awareness, people management, setting up a team, and structuring meetings. Activities include rehearsing scenarios and small-group peer coaching (also called action learning) over real-life problems. More recently, Leggett has organized similar training for more senior academics who “already had teams but were having to just muddle through.”  

Beyond the initiative of individual institutions, a U.K.-wide sharing of best practices is being encouraged by Vitae, a membership program which was initially funded by the U.K. Research Councils to promote professional development of doctoral researchers and research staff throughout the United Kingdom’s higher education sector. To enhance provision of training across the country, Vitae created a suite of workshops and resources and established regional networks for university support staff to exchange ideas and materials. Over the past five years Vitae’s Leadership in Action training program has helped researchers at all levels explore and develop their leadership potential while the more recent Preparing for Leadership program focuses on junior research staff and the transition to independence.  

Alison Mitchell, director of development at Vitae, likens the effect to the rising tide that allows all the boats to float in a harbor. “We raise the tide by making resources available. The universities review the material and embed it within their provision so that it becomes continued.”
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POSTDOCTORAL POSITION IN DEVELOPMENTAL NEUROSCIENCE

Postdoctoral positions are available in the Department of Genetics to study the cellular and molecular mechanisms controlling mammalian organogenesis. The laboratory of Dr. Guillermo Oliver is particularly interested in the development of the eye and the forebrain using available animal models and self-organizing stem cells in 3D culture system.

Highly motivated individuals who recently obtained a PhD or MD/PhD degree and have a strong background in developmental biology, neurosciences and in stem cells are encouraged to apply for job 34133 at: https://jobs.stjude.org/CSS_APO_Postdoc/.

Contact:
Guillermo Oliver, PhD
Department of Genetics
St. Jude Children’s Research Hospital
262 Danny Thomas Place MS 331
Memphis, TN 38105 USA
E-mail: guillermo.oliver@stjude.org
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Detailed program information, including instructions on how to apply online can be found on the NRC website at: www.nationalacademies.org/rap

Applicants must contact Adviser(s) at the lab(s) prior to application deadline to discuss research interests and funding opportunities. Questions should be directed to the:
National Research Council
TEL: 202-334-2760; EMAIL: rap@nas.edu
Qualified applicants will be reviewed without regard to race, religion, color, age, sex or national origin.

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Biomedical Communications.
Matthes likes to tackle a conflict situation immediately by calling a meeting with those involved, listening to their viewpoint, and discussing possible solutions. “Sometimes [the conflict] is just a miscommunication or misunderstanding. I prefer to talk immediately and not let bad feelings develop.”

She also uses meetings more effectively to promote team building, by acknowledging people’s strengths and encouraging each person to state their intended contribution towards a team goal. “This works well—people like to know what their contribution is.”

ProFiL goes further than many programs in establishing a formal peer-support network, with an annual conference and other events. “Internationally, I was well connected, but my network in Germany was very weak,” says Matthes. With other ProFiL alumni Matthes has shared valuable experiences and gained advice, for example on developing a publication strategy and judging when to delegate administrative tasks.

While it would be difficult to obtain a truly objective measure of impact, up to mid-January 2015, out of 425 former and current ProFiL participants, 148 have achieved formal eligibility for professorial positions, and 176 have attained professorships, including two vice-chancellors, according to Dorothea Jansen, who established and leads the ProFiL programme and has advised other institutions in Germany and Poland on similar programs.

Admitting when help is needed

It’s a common mistake for researchers to assume that team leadership will come naturally. As the University of Bristol’s Alison Leggett points out, “A lot of researchers have come up to these positions because they’re really good at doing the research; they’re academically very able. But this doesn’t necessarily mean that they’re good at setting up a team and leading people.”

Garman agrees. “We’re not always encouraged to be introspective enough to say these are the skills that are required, these are my strengths, my weaknesses, and these are the strategies that I need in order to account for those weaknesses.” Training programs can provide a more objective way of identifying weaknesses. “You have to pause and give yourself the grace to say, ‘no one is good at everything all the time.’ If you had three things to work on, what would they be?” Garman asks.

Julie Clayton is a U.K.-based journalist and editor, and has worked briefly at the University of Bristol.

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### Featured Participants

| Duke University School of Medicine | University of Bristol  
| www.medicine.duke.edu | www.bristol.ac.uk  
| GEOMAR Helmholtz Centre for Ocean Research Kiel | Vitae  
| www.geomar.de/en | www.vitae.ac.uk  
| NIH Office of Intramural Training and Education |  
| www.training.nih.gov/home |  

part of the system.” Vitae also provides training programs on a national or regional basis directly for researchers.

Most importantly, the training helps researchers to develop leadership skills in advance of that coveted promotion. “The idea that you will suddenly develop these by experience isn’t really the case and to be most effective in this fast changing world you have to be ready to lead,” says Mitchell.

It’s an increasingly shared view that academic institutions need to invest in staff development at the earliest possible opportunity rather than expecting staff to learn on the job. “Researchers who did it their own way maybe could have done better if they’d had more development,” says Mitchell. “Putting in leadership training when [they are already] there is too late.”

### Leadership for women

In Germany, at least two leadership training programs focus specifically on women scientists as part of a broader political agenda of increasing the numbers of female university professors. One is Fast Track, offered by the Robert Bosch Foundation to outstanding female postdocs from within and outside Germany to speed their promotion to senior research roles. The second is ProFiL, a training program set up jointly in 2004 by the three closely linked universities of Berlin—Technical University (TU) Berlin, the Free University of Berlin, and Humboldt University—in a bid to improve gender equality.

One participant is **Katja Matthes**, now a full professor at the GEOMAR Helmholtz Centre for Ocean Research Kiel, who had come back to Germany after three years in the United States for the one-year return phase of her European Marie Curie fellowship at the Free University of Berlin. She was unsure about her future direction, but an advert for the ProFiL program piqued her interest. After a rigorous selection process, Matthes was picked to become one of 36 participants in the year-long program, including six sets of two- or three-day long seminars and discussion panels.

Matthes credits ProFiL with having motivated and supported her to stay in science. The program offered mentoring and guidance on career planning, and coaching on interviewing skills and leadership, including conflict resolution, negotiation, team building, project and time management, and governance in higher education. “Without ProFiL I would not hold the position I have now,” she says.
Stony Brook University

POSTDOCTORAL POSITIONS
Spring 2015

Stony Brook University is currently in the process of recruiting for multiple postdoctoral positions in various sub-specialties, for the upcoming spring and summer months.

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AAAS + U = ∆

The Monell Chemical Senses Center is a nonprofit, basic research institute dedicated primarily to research in smell and taste. The Center is located on the campus of the University of Pennsylvania in Philadelphia and has close ties to Penn as well as other Universities in Philadelphia. Center focuses on understanding how the chemical senses function and their importance in regulating behavior and physiology.

The current position involves working with a multidisciplinary group studying odor communication, the chemistry of biological odors and the role of inflammation in producing these odors in the laboratories of Gary Beauchamp and Bruce Kimball. We are seeking candidates who ideally have experience working on inflammatory pathways in mammals. Strong self motivation, an interest in obtaining new skills in metabolomics, and a desire to work in a multidisciplinary environment are highly valued. Preference will be given to candidates with expertise in inflammation and metabolic disorders. A background in chemosensory research is not required.

Requirements include a Ph.D. or equivalent degree in immunology or a related field. The stipend is in accordance with NIH standards. Send C.V. cover letter explaining your experience, research interests and career goals, and the names and means to contact three references to hr0206gb@monell.org

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Shriners Hospitals for Children (SHC) invites applications for Assistant Corporate Director of Research Programs, at its headquarters in Tampa, Florida.

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Applications should include a curriculum vitae, a letter summarizing professional accomplishments, and detailing administrative and management experience and philosophy, and the names and contact information of three potential references, and be submitted to: shrinersemployment@shrinet.org
Faculty Positions in the Institute for Advanced Computational Science

Applications are invited for four tenure-track faculty positions of any rank (including endowed chairs), in applied mathematics and computer science in the Institute for Advanced Computational Science (IACS) at Stony Brook University. Candidates wishing to apply should have a doctoral degree in Applied Mathematics or Computer Science, though a degree in related fields may be considered. Ten years of faculty or professional experience is required for a senior position along with a demonstrated record of publications and research funding. A demonstrated record of publications and a demonstrated potential for research funding is required for any junior faculty. The selected candidate is expected to participate in interdisciplinary program development within the Institute and to establish a research program with a solid funding base through both internal and external collaborations. Of specific interest is research in, for example, programming models, algorithms, or numerical representations that advance scientific productivity or broaden the benefit and impact of high-performance computing. The selected candidates will have access to world-class facilities including those at nearby Brookhaven National Laboratory.

The Institute for Advanced Computational Science (http://iacs.stonybrook.edu/) was established in 2012 with an endowment of $20M, including $10M from the Simons Foundation. The current ten faculty members will double in number over the next few years to span all aspects of computation with the intent of creating a vibrant multi-disciplinary program. IACS seeks to make sustained advances in the fundamental techniques of computation and in high-impact applications including engineering and the physical, life, and social sciences. Our integrated, multidisciplinary team of faculty, students, and staff overcome the limitations at the very core of how we compute, collectively take on challenges of otherwise overwhelming complexity and scale, and individually and jointly define new frontiers and opportunities for discovery through computation. In coordination with the Center for Scientific Computing at Brookhaven National Laboratory, our dynamic and diverse institute serves as an ideal training and proving ground for new generations of students and researchers, and provides computational leadership and resources across the SBU campus and State of New York.

The search will remain open until suitable candidates are found with the first round of applications due May 15, 2015. All candidates must submit the required documentation online through the link provided below. Please input a cover letter, your curriculum vitae, a research plan (max. 2 pages) which should also describe how graduate and undergraduate students participate, a one-page statement of your teaching philosophy, a publication list, your funding record, and three reference letters to https://jobs.bringing.cs.stonybrook.edu.

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We encourage scientists interested in rapidly accelerating their research career in a highly supportive environment to apply. The position includes funding for a research team and a generous annual research budget. During the course of their tenure, applicants will be encouraged to apply for prestigious fellowships and grants to expand their research program.

EMBL Australia researchers benefit from close interactions with other EMBL Australia groups working on developmental biology and regenerative medicine, single molecule science, structural biology, and high resolution imaging, using a broad range of model organisms.

EMBL Australia researchers also gain access to the complementary facilities and expertise at EMBL in Europe and a growing network of groups at other national participating institutions in a dynamic, collaborative, internationally focused network.

GROUP LEADER in ORGANELLE BIOLOGY AND DISEASE AT SAHMRI IN ADELAIDE

SAHMRI (www.sahmri.com) is searching for a Group Leader to join the Lysosomal Diseases Research Unit and lead an independent research group investigating the general cell biological mechanisms underlying organelle biogenesis, regulation and turnover, and how aberrant organelle function contributes to the onset and progression of conditions such as dementia, stroke and cancer. We seek a dynamic, independent scientist with an excellent track record and demonstrated experience or interest in cell biology, and a desire to work in a multidisciplinary environment.

We encourage applicants addressing fundamental questions in cell biology with an emphasis on models of human disease, using modern genetics, genomics, biochemical and advanced imaging analysis, and an interest in recent CRISPR- and iPSC-technologies to prepare appropriate specific cell types for these studies.

GROUP LEADER IN SINGLE MOLECULE SCIENCE AT THE UNIVERSITY OF NEW SOUTH WALES, IN SYDNEY

The UNSW Centre in Single Molecular Science (www.sms.unsw.edu.au) seeks future research leaders to develop novel conceptual and experimental approaches to elucidate the molecular mechanisms of fundamental cell biological and medical problems. The successful applicant will define and drive a new research field that emerges at the interface between ‘bottom-up’ single molecule biophysics/biochemistry and cell biology/physiology. For example, it is now possible to combine system-wide proteomics and genomics information with single molecule imaging in cells and tissue, and propose models of biological processes and systems that integrate single molecule behaviour with functional outcomes.

Applicants with trans-disciplinary research experience are strongly encouraged. Research questions in cancer, immunology, neuroscience, cardiovascular biology and other fields are welcome. The successful applicant will lead a research team in a dynamic, highly collaborative, and internationally focused environment and the opportunity to further expand their research program through external grants and fellowships.

UNSW has unique microscopy capabilities in super-resolution and single molecule imaging developed by the ARC Centre of Excellence in Advanced Molecular Imaging (www.imagingcoe.org) and supported by the Biomedical Imaging Facility. Group Leaders also have access to UNSW facilities in nanofabrication, drug development, genomics, proteomics, animal models and the Mark Wainwright Analytical Centre.

Director, SBI Australia

We are seeking a self-motivated, internationally recognised academic in systems biology as Director for SBI Australia; an EMBL Australia initiative and the first international node of The Systems Biology Institute (SBI) of Japan.

SBI Australia, located at Monash University, promotes Australia’s capacity and reputation for systems biology through an extensive program of research, training and outreach, and through engagement with Australian and international government, industry and research organisations.

The Director will be responsible for providing dynamic leadership and vision in setting the academic direction for SBI Australia and facilitation of its research programs. The Director will be the lead advocate for research and best practice in systems biology at Monash and throughout Australia especially through the EMBL Australia (www.emblaustralia.org) and Systems Biology Institute (www.sbi.jp) initiatives.

The Director will establish collaborative links with national and international research organisations in related fields and establish new opportunities for funding of systems biology research and teaching through competitive grants, government funding and philanthropy.

This is an ideal opportunity for someone looking to lead SBI Australia into its next phase of development, capitalising on the existing strong international linkages that have already been created.

A competitive package commensurate with the skills and experience of the successful applicant will be offered.

Further Information

Information regarding each of these positions and the relevant organisations in South Australia, Victoria and New South Wales along with application details please go to http://www.emblaustralia.org/About_us/jobs.aspx
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For more information and application procedure, please visit:

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SUTD – http://www.sutd.edu.sg/trf

Closing date: 27 April 2015 (Monday)

Shortlisted candidates will be invited to Singapore to present their research plans, meet local researchers and identify potential collaborators in September 2015.

Tenure Track Research Positions in Vector Borne Zoonotic Diseases

The Wadsworth Center (Albany, NY) is seeking outstanding scientists at the Assistant or Associate Professor level to establish competitive, grant-funded research programs in the area of Vector-Borne Zoonotic Diseases. Research on tick and mosquito-borne pathogens is of particular interest. Two positions are available:

- Research focused on vector-pathogen interactions, including areas such as vector biology, pathogen transmission dynamics, and the ecology/epidemiology of disease emergence.
- Research focused on host-pathogen interactions, including areas such as pathogen virulence and immune response, and mechanisms of disease pathogenesis.

The incumbent will enjoy a vibrant community of research scientists and epidemiologists in the Wadsworth Center. The Zoonotic and Vector-borne Diseases research focus area includes established research programs studying arboviruses, coronaviruses, rabies viruses, and plague, including their hosts and vectors. The successful applicant will receive a competitive start-up package and have access to a BSL2/3 insectary and AAALAC accredited BSL2/3 animal space. The Wadsworth Center also has outstanding scientific cores, which provide advanced light and electron microscopy, immunology, bioinformatics, and next generation sequencing. Teaching opportunities are available through faculty appointments in the Wadsworth Center Masters of Laboratory Science program and the State University at Albany Department of Biomedical Sciences, School of Public Health. The Wadsworth Center (www.wadsworth.org) is the country’s most comprehensive state public health laboratory, with a staff of 700 including 100 doctoral-level scientists. The Center provides a dynamic research environment focused on infectious, genetic and environmental diseases and their impact on human health. These activities complement strong programs in public health sciences that perform applied research and advanced diagnostic testing.

A Ph.D. degree or equivalent and relevant postdoctoral research experience is required. Applicants should submit their curriculum vitae, research plan and contact information for at least three references to wepbc@health.ny.gov, referencing ‘Zoonosis’ in the subject line. Applications will be accepted and reviewed until the positions are filled. AA/EEO.

Faculty Positions
Touro College of Pharmacy

The Department of Pharmaceutical and Biomedical Sciences at the Touro College of Pharmacy, located in historic Harlem, New York, invite applications for 3 full time faculty positions at the Assistant/Associate Professor level in the fields of Pharmacology/Medicinal Chemistry; and Physiology/Pathophysiology and Pharmaceutical Sciences. Candidates will be engaged in didactic teaching, participate in academic, scholarly, and service functions within the College of Pharmacy, and are expected to engage in research and seek and obtain extramural funding.

The successful candidate must have a Ph.D. degree in the abovementioned fields, a record demonstrating academic and scientific accomplishments and excellent written and oral communication skills. Experience teaching at a College of Pharmacy or a similar program in some capacity (Teaching assistants, Graduate assistant, Lecturer, Instructor, Assistant Professor, etc.) is preferred.

Interested applicants should submit a cover letter summarizing professional experience, curriculum vitae, a brief statement of teaching philosophy, research plans and contact information for three references to: Dr. Zvi Loewy (zvi.loewy@touro.edu) Chair, Department of Pharmaceutical and Biomedical Sciences.

Touro College of Pharmacy is proud to be an Affirmative Action, Equal Opportunity Employer M/F/D/V. We are committed to seeking qualified candidates who can contribute to the diversity and excellence of our academic community. We encourage applications from women, minorities, veterans, and persons with disabilities. Hiring is contingent on eligibility to work in the United States.

Center for Biofilm Engineering at Montana State University in Bozeman, MT seeks Director for:

World-class research in microbial biofilms
Interdisciplinary education
Industrial interaction

Take a closer look:

www.biofilm.montana.edu

Montana State University is an ADA/EEO/AA employer.
Be a Leader with GSK Neuroscience

GSK Neuroscience conducts world-class research to discover medicines of global potential. We focus on areas where scientific advances have the highest chance to enable discovery of medicines for patients with brain and nerve diseases.

GSK Neuroscience has created two new Discovery Performance Units (DPUs) focusing on neuroexcitation and proof of concept. The Neuro-Excitation DPU based in Shanghai will focus on membrane excitability critical to a wide range of neurologic diseases. The Neuro-Virtual Proof of Concept DPU based in Upper Providence, Philadelphia will help GSK capitalise on discovery and therapeutic opportunities through externalisation.

We are seeking to recruit two outstanding PhD and/or MD qualified research leads for each DPU. You will have outstanding scientific achievements of international repute within neurophysiology, pharmacology, and/or medicinal chemistry. You must have strategic vision to integrate research into drug development. You must also be a highly effective leader with substantial experience of managing employees of diverse backgrounds, be values-led and dedicated to improving the well-being of patients.

To express your interest in either of these opportunities, please forward your CV together with a summary page highlighting your experience and skills that qualify you for this position to apac.exec-recruitment@gsk.com.

Please indicate in subject line the DPU of interest.

We regret that only shortlisted candidates will be notified.
Tenure-Track Immunology (Tumor) Faculty Position

The Department of Immunology at the University of Connecticut Health Center seeks an outstanding investigator for a tenure-track position at the Assistant or Associate Professor rank to establish an extramurally funded laboratory. All areas of tumor immunology will be considered with emphasis on cancer immunotherapy, cancer vaccines, immune regulation of cancer, tumor tolerance mechanisms, and innate immunity during tumorigenesis. The ideal candidate’s research program should include in vivo models, and be open to translational studies. The ideal candidate will participate in a vibrant graduate student training program, and have access to a growing translational research community and an expanding scientific community in the capital region. Salary and start-up funds are highly competitive and outstanding core facilities are available. Applicants must have a Ph.D. and/or M.D. with several years of postdoctoral training and a high impact publication record. For Associate Professor level a history of sustained extramural funding is expected. In addition to the beauty of the picturesque New England countryside, the Hartford area offers a vibrant arts and cultural scene and an exceptional outdoor sports environment. Interested applicants should apply at https://jobs.uchc.edu/ search number 2015-691, and submit a curriculum vitae, a two-page summary of research accomplishments and interests, and the names and contact information of three references. Questions regarding this search should be directed to Anthony Vella, Ph.D., Chairman, Department of Immunology, School of Medicine, UConn Health Center, Farmington, CT. Email: immunology@uchc.edu. For further information on UCHC, please visit http://immune.uchc.edu. The deadline to submit applications is May 1, 2015.

UCHC is an Affirmative Action/Equal Opportunity Employer M/F/V/PwD

Tenure-Track Immunology (Diabetes) Faculty Position

The Department of Immunology at the University of Connecticut Health Center seeks an outstanding investigator for a tenure-track position at the Assistant or Associate Professor rank to establish an extramurally funded laboratory. We are specifically interested in an individual with research interests in autoimmune of diabetes. The ideal candidate’s research program should utilize immunobiological approaches and models to study autoimmunity of diabetes. Areas of priority include, but are not limited to, T cell tolerance and innate immunity of disease, including signal transduction, transcriptional control, and metabolism. The new hire will participate in a vibrant graduate student training program, and have access to a growing translational research community and an expanding scientific community in the capital region. Salary and start-up funds are highly competitive and numerous outstanding core facilities are available. Applicants must have a Ph.D. and/or M.D. with several years of postdoctoral training and a high impact publication record. For Associate Professor level a history of sustained extramural funding is expected. In addition to the beauty of the picturesque New England countryside, the Hartford area offers a vibrant arts and cultural scene and an exceptional outdoor sports environment. Interested applicants should apply at https://jobs.uchc.edu/ search number 2015-692, and submit a curriculum vitae, a two-page summary of research accomplishments and interests, and the names and contact information of three references. Questions regarding this search should be directed to Anthony Vella, Ph.D., Chairman, Department of Immunology, School of Medicine, UConn Health Center, Farmington, CT. Email: immunology@uchc.edu. For further information on UCHC, please visit http://immune.uchc.edu. The deadline to submit applications is May 1, 2015.

UCHC is an Affirmative Action/Equal Opportunity Employer M/F/V/PwD

Research Position at ICYS, NIMS, Japan

The International Center for Young Scientists (ICYS) of the National Institute for Materials Science (NIMS) is now seeking a few researchers. Successful applicants are expected to pursue innovative research on broad aspects of materials science using most advanced facilities in NIMS (http://www.nims.go.jp/eng/index.html).

In the ICYS, we offer a special environment that enables young scientists to work independently based on their own idea and initiatives. All management and scientific discussions will be conducted in English. An annual salary between 5.03 and 5.35 million yen (level of 2013) will be offered depending on qualification and experience. Additional research grant of 2 million yen per year will be supplied to each ICYS researcher. The initial contract term is two years and may be extended by one more year depending on the person’s performance.

All applicants must have obtained a PhD degree within the last ten years. Applicants should submit an application form, which can be downloaded from our web site, together with a resume (CV), a publication list, and a research proposal to be conducted during the ICYS tenure. All documents should reach the following address via e-mail by MARCH 30, 2015 JST. Please visit our website for more details (http://www.nims.go.jp/icys/).

ICYS Administrative Office, National Institute for Materials Science Sengen 1-2-1, Tsukuba, Ibaraki 305-0047, Japan e-mail: icys-recruit@nims.go.jp

Director

Therapeutic Development Research Program Faculty Leadership Position

The NCI-designated University of Arizona Comprehensive Cancer Center (UACC) seeks an outstanding leader for its Therapeutic Development Program, which currently has 24 full members and $6.5M in cancer funding. The ideal candidate will be eligible for appointment at the rank of associate or full professor, hold a PhD or an MD degree in chemical or cancer biology, medicinal chemistry, or a closely related discipline, and have an established NCI funded research program. The Program Director will lead collaborative research efforts of multidisciplinary teams of physicians and biomedical scientists to accelerate all facets of therapeutic development, encompassing target identification and validation, iterative preclinical improvements, and clinical translation. This position will bridge advances in preclinical basic drug discovery with novel therapeutic interventions that provide significant improvements in patient outcome.

The UACC in Tucson is located on the University of Arizona campus in a freestanding research facility (107,000 sq. ft.) with separate clinical outpatient buildings (110,000 sq. ft.) and ~$40M in cancer research grants. Four outstanding basic, translational/clinical, and cancer prevention and control research programs (Cancer Prevention and Control, Cancer Biology, Cancer Imaging, and Therapeutic Development) are supported by 10 UACC Shared Resources.

To apply, please complete the on-line application at http://www.uacareers.com/57578, and email a curriculum vitae to the address below:

Andrew S. Kraft, M.D.
Director, University of Arizona Cancer Center
Email: LFrazier@uacc.arizona.edu

The University of Arizona is an EEO/AA - M/W/D/V Employer.
Southwest Jiaotong University (SWJTU), founded in 1896, situates itself in Chengdu, the provincial capital of Sichuan.

Candidates under 40 years old are expected to graduate from high-level universities/institutes either in China or other international cooperation experience and have the potential of being a leading academic researcher. The candidates will be provided with competitive salaries and welfares that include settling-in allowance, subsidy of research expenses, and international-level training and promotion. As for outstanding returnees, we can offer further or specific treatments.

Positions
A. High-level Leading Talents
It is required that candidates be listed in national top talents programs such as Program of Global Experts, Top Talents of National Special Support Program, “Chang Jiang Scholars”, China National Funds for Distinguished Young Scientists and National Award for Distinguished Teachers.
Candidates are supposed to be no more than 50 years old. The limitation could be extended in the most-needed areas of disciplinary development.
Candidates who work in high-level universities/institutes and reach the above requirements are supposed to be no more than 45 years old.
B. Young Leading Scholars
Candidates are supposed to be listed in or qualified to apply for the following programs:
• National Thousand Young Talents Program
• Top Young Talents of National Special Support Program/Program for Supporting Top Young Talents
• Science Foundation for the Excellent Young Scholars
Candidates should have good team spirit and leadership, outstanding academic achievements, broad academic vision and international cooperation experience and have the potential of being a leading academic researcher.

Contact us:
E-mail: talent@swjtu.edu.cn
Address: Human Resources Department of SWJTU, the western park of high-tech zone, Chengdu, Sichuan, P.R.China, 611756

http://www.swjtu.edu.cn/

Southwest Jiaotong University, P.R.China Anticipates Your Working Application

Anhui University of Technology (AHUT) Recruits

1. University Introduction
Anhui University of Technology (AHUT) is located in a national civilized city named Ma’anshan in Anhui Province which is adjacent to Nanjing. It is a multidisciplinary university with distinctive industry characteristics, taking engineering as its focus while maintaining balanced development in engineering, economics, management, humanities, science, laws and arts. It is the key construction university of Anhui Province. We recruit students from 25 provinces (city, and municipality) in China, possessing three levels of degree-conferring rights namely bachelor’s degree, master’s degree and doctor’s degree. We expect to openly recruit 22 leading personnel in various fields and 71 talents with doctor's degree at home and abroad. Excellent specialists and scholars at home and abroad are sincerely welcomed.

2. Recruitment (discipline, major)

3. Recruitment Treatment
Treatment for leading personnel and doctors is diversified for each one with liberal wages and benefits.

4. Recruitment Method
Please delivery your Resume to the specialized mailbox of Anhui University of Technology ahgydzxp@163.com (the first letter of Pinyin of “Anhui University of Technology Recruitment”) by email, indicate application discipline, and provide detailed information like achievements in scientific research, scientific research plan, etc.

5. Contact Information
Tel: 86-555-2311647/2311644
E-mail: ahgydzxp@163.com
Contact person: Ms. Jiang, Mr. Shi
Address: HR Dept. of Anhui University of Technology (AHUT), Maanshan City, Anhui Province, 234002

For more information, please visit www.ahut.edu.cn


Salary and Support
The university offers an attractive remuneration package. Salary will be commensurate with candidates’ qualifications, academic performance and experience. In addition, the start-up package from the university provides a research grant, lab/office space and support for the research team.

In Science or Engineering:
• An annual pre-tax salary ranging from 400K to 600K RMB will be offered to the candidates who are shortlisted for interview but not selected in the National Youth 1000-Talent Program.
• In Other Academic Fields:

Salary offered is the same as that for Science or Engineering.

Application Procedure
Please submit a complete application package electronically consisting of the following documents to oplan@tju.edu.cn.

The application deadline is 6th April 2015.

(1) Application form
(2) Detailed curriculum vitae
(3) Publications list and five full-text representative publications

A detailed application information and the application form can be downloaded from http://hr.tju.edu.cn/epx/jsp/

Contacts
Contact Person: Ms. ZHANG Yum, Ms. CHANG Xin
Human Resource Department, Tianjin University, China
E-mail: oplan@tju.edu.cn
Telephone: (+) 86-022-27403932, (+) 86-022-27402079
Fax: (+) 86-022-27404177
Address: 223/Building 9, 92 Weijin Road, Nankai District, Tianjin, 300072

http://www.ahut.edu.cn/
The National Institute of Standards and Technology (NIST), Information Technology Laboratory (ITL) is seeking a highly qualified individual for the position of DIVISION CHIEF for the Information Access Division. The Division carries out interdisciplinary collaborations with industry, academia, and other government agencies to accelerate the research development, and adoption of standards and testing tools that improve access to multimedia and other complex information in topic areas such as Human Language Technology, Biometrics Technology, Identification and Verification Technology, Multimedia Technology, Usability Engineering, Data Science, and Human-System Interaction.

Title of Position: Supervisory Computer Scientist, ZP-1550-V; Supervisory IT Specialist, ZP-2210-V; Supervisory Mathematician, ZP-1520-V. Salary Range: $126,245 - $158,700; Geographic Location of Position: Gaithersburg, Maryland; Tenure: Permanent; Work Schedule: Full Time; Relocation expenses: Relocation Expenses are authorized.

Qualifications required: For each series, there are different requirements. Please visit the website: http://go.usa.gov/SMXz to view the requirements.

In addition to the basic requirements, to qualify for this position you must also have: One year, 52 weeks, of specialized experience equivalent to at least the GS-14, or ZP-IV at NIST.

For further information and to apply for this position, visit the website: http://www.usajobs.gov. The Job announcement number associated with this position is NISTITL-2015-0019. The vacancy opens February 13, 2015 and closes March 13, 2015.

U.S. Citizenship is required. The Department of Commerce is an Equal Opportunity Employer.
Assistant Professor (Tenure Track)
of Biochemical or Nanomaterials Engineering

→ The Institute for Chemical and Bio-engineering of the Department of Chemistry and Applied Biosciences [www.chab.ethz.ch] at ETH Zurich invites applications for the above-mentioned position.

→ The successful candidate should demonstrate a strong background in biochemical engineering and chemistry and the potential to develop an ambitious, world-class program in emerging areas of biochemical and nanomaterial engineering.

→ Candidates should have a PhD degree in chemical engineering, bioengineering, or a related field and have an excellent international record of accomplishments. The successful candidate will be expected to teach undergraduate level courses (German or English) and/or graduate level courses (English) in chemical and biochemical engineering.

→ This assistant professorship has been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

→ Please apply online at www.facultyaffairs.ethz.ch

→ Applications should include a curriculum vitae, a list of major achievements, a list of refereed publications, a teaching statement and a five year research plan. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Lino Guzzella. The closing date for applications is 31 May 2015. ETH Zurich is an equal opportunity and family friendly employer and is further responsive to the needs of dual career couples. We specifically encourage women to apply.