POSTDOCTORAL POSITIONS
Spring 2014
Stony Brook anticipates the following postdoctoral positions being available

- **BIOCHEMISTRY AND CELL BIOLOGY**
  Cellular & molecular mechanisms underlying the autism spectrum disorder Rett syndrome;
  Dr. Nurit Ballas, WC-R-8461-14-02-S.

- **NEUROBIOLOGY AND BEHAVIOR**
  Cortical processing of chemosensory information and reward;
  Dr. Alfredo Fontanini, WC-R-8474-14-02-S.
  Developmental Molecular Cellular Neurobiology;
  Dr. Maya Shelly, WC-R-8475-14-02-S.
  Experience-dependent plasticity in cortical circuits;
  Dr. Arianna Maffei, WC-R-8476-14-02-S.
  Functional Capacity of the Damaged Spinal Cord;
  Dr. Lorne Mendell, WC-R-8477-14-02-S.
  Molecular Structure of Glutamate Signaling;
  Dr. Lonnie Wollmuth, WC-R-8478-14-02-S.
  Regulation of Neural Gene Expression;
  Dr. Howard Sirotkin, WC-R-8479-14-02-S.
  Synaptic Mechanisms in the Retina;
  Dr. Gary Matthews, WC-R-8480-14-02-S.
  Motoneuron Physiology and Plasticity;
  Dr. William Collins, WC-R-8481-14-02-S.
  Electrophysiological and Optogenetic Studies of Central Cholinergic Circuits;
  Dr. Lorna Role, WC-R-8482-14-02-S.
  Molecular Mechanisms of Neuronal Phenotype Control;
  Dr. Simon Hageouga, WC-R-8483-14-02-S.

- **PSYCHIATRY & BIOMEDICAL ENGINEERING**
  Acquisition and Analysis of Diffusion MRI;
  Dr. Christine DeLorenzo, HS-R-7373-13-10-F.

- **SCHOOL OF MARINE AND ATMOSPHERIC SCIENCES (SoMAS)**
  Trace gas isotopic analysis & methods development for paleo-climatic studies;
  Dr. John Mak, WC-R-8347-14-01-F.
  Climate change effects on fish & shellfish ecology & ecosystems;
  Dr. Michael Frisk, WC-S-8456-14-02-S.

- **LAUER CENTER FOR PHYSICAL AND QUANTITATIVE BIOLOGY**
  Computational/physical biology: Regulatory networks in growing & evolving cell populations;
  Dr. Gabor Balazsi, WC-S-8486-14-02-S
  Statistical physics of cells or proteins;
  Dr. Ken Dill, WC-S-8487-14-02-S
  Interface of synthetic and evolutionary biology;
  Dr. Gabor Balazsi, WC-S-8488-14-02-S

To apply online and for information, visit www.stonybrook.edu/jobs under category “K” or mail résumés to:
Human Resource Services, 390 Administration Building
Stony Brook University, Stony Brook, NY 11794-0751

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About us

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: USP, UNICAMP and UNESP. Other universities and 19 research institutes are also located in São Paulo, among them the renowned Instituto Tecnológico de Aeronáutica (ITA), Instituto Nacional de Pesquisas Espaciais (INPE) and Laboratório Nacional de Luz Síncrotron, 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/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/ 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.

Location: São Paulo, SP, Brazil

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URL: www.fapesp.br
A Scientist’s Guide to Social Media

Social networking sites like Facebook, LinkedIn, and Twitter can be intimidating for introverted scientists—all that interaction, 24/7. But actually, online communities are perfect for people who want to cogitate before they comment. Social networks also give extroverts a channel for real-time global intercommunication. No matter your personality type, career advisors recommend that postdocs use online networking tools to make connections, exchange scientific ideas, and advance a career. This guide is designed to nudge reluctant networkers to get started with an online professional profile and help social media experts get even more out of social networking. By Chris Tachibana

In 2009, Kaan Akşit (@kaanaksit) found himself surrounded by Dutch Facebook enthusiasts. Akşit was a visiting student at Philips Research in the Netherlands at the time and “not the kind of guy to use social media.” After initially resisting invitations to online communities from coworkers, Akşit says, “my supervisor finally said, ‘at least use LinkedIn.’” The professional networking site was his social media gateway.

Today, Akşit is finishing an electrical engineering Ph.D. at Koç University in Istanbul, Turkey, and using social media to explore his postdoctoral options. He also shares about his work and life on Facebook, Twitter, Instagram, Google+, and his own blog. He has 500+ LinkedIn connections and self-describes as “kind of a sharefreak.”

But even researchers who aren’t daily visitors to online social spaces benefit from occasionally dropping by. Networking sites can help scientists stay current in their field, keep track of colleagues, and build a community of advisors and collaborators. Social media lets researchers participate in conferences remotely, sparing travel time and budgets. Professional networking services make it easy for reluctant scientific networkers to create an online profile, which career consultants say is a professional obligation.

IS IT FOR EVERYBODY?

“You simply must have an online presence,” says Karen Peterson, director of Scientific Career Development at Fred Hutchinson Cancer Research Center; in fact, she adds, you already have one (just try an Internet search of your name), so you might as well curate it. This advice is especially important for researchers who are thinking ahead to a transition: graduate to postgraduate work, postgraduate to job, or perhaps a career change.

Peterson recommends that, like Akşit, researchers start with LinkedIn. A complete, updated LinkedIn profile conveys your background, experience, and accomplishments to potential employers and people with common interests. Peterson says that LinkedIn is especially useful for setting up informational interviews, which are informal conversations with experts in careers or research areas in which you’re interested. Use LinkedIn to find personal or institutional connections to someone you want to talk with and use those ties to ask for an introduction. (Or use SciVal Experts if your institution has a subscription.) Set up a meeting or phone conversation and be prepared with a short summary—an elevator pitch—about your research and some specific, open-ended questions. Ask about others you might talk with and follow up with a written thank-you note. This is a classic way to grow your network, says Peterson. LinkedIn and similar services just make the initial contact easier because the major networking sites have a surprisingly vast membership representing all scientific careers and both young and established researchers.

A common assumption is that early career scientists are the most enthusiastic users of social media. However, preliminary results hint that established researchers are also quite active. A study of computer scientists, which mainly focused on methods for determining online activity, found that many scientists with an online presence were tenure-level, judging from their high-impact publications; they also used multiple networking sites. Plus, participation in online communities is growing. “The scientific discourse is moving online,” says Paul Groth (@pgroth), assistant professor, Department of Computer Science, VU University Amsterdam, and one of the study’s coauthors. “And it’s going to keep continued>
Roche Postdoc Fellowship (RPF) Program

The RPF Program has built up a world-wide reputation and became a continuous source of innovation. This is reflected not only in high-quality publications in peer-reviewed journals, but is also shown in the influence of the RPF findings on pharmaceutical research and early development at Roche.

“In choosing a postdoc position in the industry, I saw the possibility for me to work in a large, multinational team with a lot of different expertise and to have access to various methods with less limiting budget to achieve my goals. In addition, unlike at a university, I wanted to get a more holistic view on neurosciences, and not only focus on a part of a disease or a single protein.”

Anja (33) from Germany

“After my PhD in biomedicine at the University of Würzburg, I was particularly looking for a postdoc position in Switzerland. I had only been doing research in an academic environment and wanted to get an insight in industrial research. Research in industry focuses a lot on immediate results that can be applied for drug discovery.”

Eva (29) from Germany

“The RPF program provided me a unique opportunity to utilize knowledge and skills I acquired during my PhD into drug discovery projects. This experience helped me take the next career step, to assume a scientist position within Roche. Along the proposed Roche RPF project, I foresaw an exceptional chance to gain industrial experience; the choice was further driven by the scientific expertise and reputation of the imaging groups in Antwerp and Roche Basel.”

Dany (33) from India

Key facts
We currently have ~100 RPF Postdocs working at one of our Roche Research sites or one of the 119 academic collaborators in 18 different countries. Each Postdoc has two mentors, one from Roche & one at the partnering university. The annual Postdoc Symposium, held for all Postdocs at one of the Roche locations worldwide, as well as Postdoc lunches and journal clubs provide additional networking opportunities for our Postdocs.

Duration: Initially for 2 years, with the option of extension for another 1-2 years.

Location: RPFs can be located at Roche in Basel, Zurich, Penzberg, Shanghai, or at the partnering universities.

Main areas: Oncology, Neuroscience, Infectious Diseases, Ophthalmology, Pharmaceutical Sciences (DMPK, Non-Clinical Safety, Modelling & Simulation, Translational Technologies, Bioinformatics), Therapeutic Modalities (Small & Large Molecules Research, Discovery Technologies).

How to apply? All positions will be posted on our Roche Careers Website. Please apply online. New positions may be expected to be online from May 2014 on.

To apply online for positions visit www.careers.roche.ch
Roche is an Equal Opportunity Employer.

The next step is yours.
moving in that direction.” This means that networking sites are virtual venues where students and postdocs can connect to leaders in their field.

People of all ages, experience levels, and career paths are embracing online tools, says Karyn Traphagen (@KTraphagen), cofounder and executive director of ScienceOnline, a nonprofit organization for science outreach, networking, and community building. She sees advanced networkers, novices, media mavens, students, postdocs, and professors at national and local ScienceOnline meetings and says that social media sites can create genuine, interactive, and far-reaching communities. Social media is a great equalizer.

Most social networking sites are global, so they are excellent tools for making and maintaining international connections. For early career scientists trying to make a splash with their work, no platform has a greater reach than the big three networking sites: LinkedIn, Facebook, and Twitter. Compare a talk at a conference attended by a thousand people to the potential online audience: LinkedIn has nearly 260 million members and Facebook and Twitter have hundreds of millions of users a month.

FACEBOOK AND TWITTER FOR SCIENTISTS? REALLY?

Social network services emerge, evolve, and go extinct like influenza viruses. But right now, researchers use Facebook for personal contacts. Early career scientists, who move often, might use Facebook to maintain friendships with former lab members. Facebook can reveal fun, nonprofessional insights about a colleague—maybe a potential collaborator is an especially good fit because of a common love of fly fishing, knitting, or manga. Universities, corporations, and even research groups have public Facebook pages that can be useful for news about former and potential employers. However, Facebook is static compared to the real-time interaction of Twitter.

“The number one area for the ScienceOnline community is Twitter,” says Traphagen. Twitter use is growing in academia, across disciplines, for scholarly and nonscholarly use. And if you think Twitter is just for celebrity gossip, you might be surprised at the range of professional applications.

“I use social media to get scientific inspiration,” says Akşit. His thesis project is improving motion capture, for example for films, so he follows the electronics industry on Twitter to hear about new products and developments. Other scientists follow research groups to avoid overlapping projects or to find collaboration opportunities. Twitter is supplementing or replacing automated search and alert services, for example for relevant literature. “I often hear about important papers on Twitter as soon as they are released or even before,” says Jonathan Jacobs (@bioinform), principal scientist in biosurveillance at MRI Global, a nonprofit contract research organization. “Especially in the bioinformatics community, tweeting communicates not just news but actual science.”

“The easiest way to see the power of Twitter,” says Traphagen, “is to follow a conference hashtag.” (For example, search for #AAASmtg for news about the annual American Association for the Advancement of Science conference.) If you are attending a meeting, Twitter and other networking tools can connect you, before arrival, to people who share your research interests. If you can’t attend, Twitter can tell you what talks and posters caught people’s attention and where to find shared resources such as websites or slides. Jacobs says he gets almost as much information from following a conference via Twitter as actually attending. If you’re presenting, Groth advises having a Twitter account and putting your handle on slides and posters. That helps people tweet about your presentation, which increases your impact, maybe even attracting the attention of potential collaborators or group and department leaders.

Somewhat unexpectedly, Twitter is recommended for shy people. “The Internet lets you follow a conversation without physically stepping into a group of people,” says Traphagen. “You can sit back and listen and get involved when you’re ready by inserting a comment and seeing how people respond.” New Twitter users are often intimidated by the billions of tweets, but Traphagen says that if you want specific information, use a hashtag search (e.g., #sharks). If you are still overwhelmed, says Traphagen, think of Twitter as a river: “Every now and then, go put your feet in and see what’s flowing by right now.”

BUT WAIT, THERE’S MORE?

If Facebook and Twitter are for conversations and LinkedIn presents your credentials, what are the benefits of up-and-coming and specialty sites? The ScienceOnline community increasingly uses Google+ for broadcasting and archiving conversations with researchers, says Traphagen. Another resource for following talks and conferences is Storify, where attendees or hosts collect presentation materials, comments, and notes. Groth recommends posting presentations on SlideShare, if your institution allows. This extends the reach of a seminar far beyond people who can attend. Sites like SlideShare also track views, downloads, and recommendations that document the impact of your research.

Groth used ImpactStory, a science-sharing site, for a midterm review of a European Union project. Publications from the work hadn’t had time to build a substantial citation record, says Groth, so he used metrics from ImpactStory to demonstrate the influence of the work in progress. Still, publications are not going away, either as a permanent research record or a measure for hiring, promotion, and tenure, he says.

Since the scientific world orbits around peer-reviewed articles, science-sharing sites such as Mendeley and ResearchGate revolve around publications. By allowing researchers to share and comment on papers and ask and answer questions, these sites add networking functions to a typical publication list. Publication-oriented sites make requests for electronic reprints easy for postdocs at institutions without extensive journal subscriptions. Specialized sites such as GitHub for computer scientists or BioMedExperts for life scientists serve the needs of specific scientific communities. But don’t be overwhelmed. “The Internet is a big place,” says Jacobs. “How you use it depends on what you have time for and what kind of itch you’re trying to scratch.” Jacobs and other experienced online networkers say a little exploring will uncover networks with a community and functions that enhance your work.
SHOULD I BLOG?

Then there’s blogging, which is varsity-level online sharing. Blogs require a regular time commitment and a deep passion about a topic. If you’re considering a blog, try guest posts on other sites. Kiran Dhillon (@Indigal9), a postdoctoral researcher at Fred Hutchinson Cancer Research Center, started blogging about her breast cancer work when Angelina Jolie spoke about inheriting a BRCA mutation and having prophylactic surgery. Dhillon considers her blog to be professional development: “It’s a good exercise in finding my voice and learning how to communicate science to the public.”

Even if you don’t blog, Dhillon encourages all scientists to have a professional website to highlight accomplishments and show examples of soft skills such as leadership and management. “LinkedIn is good for connecting and summarizing your research, but it’s limited. Your own website gives people a better sense of who you are. Plus, you can post videos or images, like great immunofluorescence results.” Some researchers modestly say they want their science to speak for itself, but Dhillon says to think about doing it. “While a task is professionally important, we’re disciplined about doing it.” But again, says Traphagen, don’t be discouraged by the constant influx of information: “Remember: you don’t have to pay attention to everything. It’s okay to miss things.”

When you leave the computer and meet an online contact in person, keep the same open attitude. The late Ken Metzler, who was a professor at the University of Oregon, in his book Creative Interviewing, said sincerity, curiosity, and listening ability are all you need for an informative conversation. Scientists are naturally curious and when we find something genuinely interesting about a new colleague, sincerity and listening follow. This is the type of old-fashioned networking that even a young scientist like Dhillon says is most effective.

“Talk to people, even if you’re not naturally outgoing,” says Dhillon. “Get involved in activities for students and postdocs at your institute. Just going to meetings makes you part of the community, and as you build confidence you’ll find ways to contribute.” Volunteering for presentations, committees, and workshops is work, admits Dhillon, but pays off in a strong network that reaches into diverse research areas and administration, which helps new researchers learn what it takes to run a laboratory, a group, or a research center. Echoing the first rule of improvisational theater, Dhillon says, “when people ask you to do something, say yes.”

IS REAL LIFE STILL NECESSARY?

Yes, say social media experts. For all the linking, sharing, and networking that online resources offer, Peterson says, “For a true connection, you still need to meet face-to-face.” LinkedIn and other sites just facilitate what early career scientists should be doing anyway, says Peterson: meeting people with common interests, professional and otherwise. Even networking with nonscientists is part of career development, she says, because you never know who is connected to whom. Jacobs found jobs through LinkedIn, mainly by finding events to attend and people to contact for in-person interactions.

So go forth and connect, say social media experts, but start slowly. Think about what should be private and public. Traphagen says experienced online networkers advise treating everything you post as potentially becoming public. Follow online etiquette, which is essentially like any social interaction: be friendly, collegial, and respectful. Think of social networking as a conversation, but if you get ignored or rejected, don’t take it personally. Find the sites that work for you. Don’t pester people, but remember that most people want to help and most researchers love to talk about their work, says Dhillon. “Scientists are passionate about our research—that’s why we do it.”

Karyn Traphagen often travels with Camilla Corona (@CamillaSpace), a rubber chicken who advocates for Space Education and STEM using social media.

“The number one area for the ScienceOnline community is Twitter.”

— Karyn Traphagen

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POSTDOCTORAL TRAINING OPPORTUNITIES
www.med.umich.edu/postdoc

The University of Michigan Medical School is an outstanding training environment that combines world-class faculty and innovative programs of research with a rich academic tradition. For two decades Michigan has ranked among the top 10 medical schools in NIH research funding. This research effort is enhanced by 27 NIH-sponsored training programs that support Postdoctoral Scholars.

The University of Michigan recognizes the essential contributions Postdoctoral Scholars make to the University’s research mission. We offer a comprehensive career development program for our Postdoctoral Scholars to help guide their choices as they prepare themselves for independent careers. We welcome inquiries from graduate students nearing completion of the Ph.D. degree regarding opportunities for postdoctoral training in the following areas:

- Alcoholism Research
- Biology of Aging
- Biology of Drug Abuse
- Cancer Biology
- Cardiovascular Research
- Cell and Molecular Dermatology
- Clinical and Basic Neuroscience
- Endocrine Dysfunction
- Endocrinology and Metabolism
- Environmental Toxicology
- Experimental Immunology
- Genome Sciences
- Hearing, Balance and Chemical Senses
- Imaging Science in Biomedicine
- Lung Disease
- Lung Immunopathology
- Medical Rehabilitation Research
- Microbial Pathogenesis
- Molecular Hematology
- Nephrology Research
- Organogenesis
- Reproductive Sciences
- Research in Gastroenterology
- Substance Abuse
- Tissue Engineering and Regeneration
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- Vision Research

One way to explore these programs is to attend the Postdoc Preview on U-M’s campus on June 12-13, 2014. The all expense paid Preview visit will introduce outstanding upper-level graduate students in the biomedical sciences to the breadth and excitement of postdoctoral research and training at Michigan.

Apply online by April 15, 2014 at www.med.umich.edu/postdoc/preview

The University of Michigan is an equal opportunity, affirmative action employer.
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There are three opportunities being offered:

- **American Academy of Microbiology Colloquium Fellowship** - The goal of this fellowship is to provide an opportunity for a recent microbiology PhD graduate to develop skills in science communication and public outreach while working on colloquia to address critical issues in microbiology.

- **Communications and Marketing Fellowship** - The Communication and Marketing Strategy Department provides a variety of communication services for the Society including press relations, public outreach and social media management. The fellow in this position will improve his/her skills in a wide range of communication approaches and develop new outreach projects for the Society.

- **Education Curriculum Fellowship** - The ASM Fellow in Education will deepen his/her understanding of ASM; curriculum guidelines and course design; active learning and laboratory biosafety. He/she will develop skills to shepherd projects from conception to implementation and eventually commercialization.

Applicants for the fellowship should have a broad interest in the field of microbiology and a willingness to learn about topics outside their own area of expertise. Applicants need either to complete a doctoral degree (M.D., Ph.D., D.V.M., D.D.S., or equivalent) by June 2014 or to be currently in post-doctoral degree training. Exceptional writing and communication skills are essential.

The fellowships are for 12-consecutive months and are in residency at the ASM in Washington, DC. They may require some travel. The fellowships offer a $50,000 annual stipend, medical benefits, and a public transportation subsidy. Start date must be between June 1, 2014 and September 1, 2014. Applications will be reviewed on a rolling basis through April 1, 2014. You can find more information and the online applications for all three opportunities at [http://bit.ly/HQopp](http://bit.ly/HQopp).

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**PRIZE**

**The 2014 Martha T. Muse Prize for Science and Policy in Antarctica**

The “Martha T. Muse Prize for Science and Policy in Antarctica” is a US$100,000 unrestricted award presented to an individual in the fields of Antarctic science or policy who has demonstrated potential for sustained and significant contributions that will enhance the understanding and/or preservation of Antarctica. The Prize is inspired by Martha T. Muse’s passion for Antarctica and is intended to be a legacy of the International Polar Year 2007-2008.

The prize-winner can be from any country and work in any field of Antarctic science or policy. The goal is to provide recognition of the important work being done by the individual and to call attention to the significance of understanding Antarctica in a time of change. A website with further details, including the process of nomination and selection of the Prize recipients is available at [www.museprize.org](www.museprize.org).

The Prize is awarded by the Tinker Foundation and administered by the Scientific Committee on Antarctic Research (SCAR).

Nominations open until 22 May 2014
Postdoctoral position with a CNRS laboratory at Paris Descartes University for a project relating to function in mouse visual cortex using state-of-the-art technology in optogenetics, imaging and electrophysiology.

Competitive salary is provided initially for one year with possibility of renewal, with a start date no later than June 2014. The candidate must have extensive experience in either in vivo patch clamp electrophysiology or in vivo 2-photon imaging.

The position is in a collaborative interdisciplinary environment; in particular a strong interest in working with theorists towards modelling cortical networks is encouraged.

Please send CV, motivation letter and 2-3 reference letters to Dr Lyle Graham at lyle@biomedicale.univ-paris5

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To learn more, visit aas.org/plusyou/sciencecareers

Staff Scientific Research Opportunities - Pathway Engineering and Plant Genomics

The Genomics Division at Berkeley Lab invites applications for career scientist positions at the DOE Joint Genome Institute (JGI, www.jgi.doe.gov). We are seeking individuals to direct cutting edge research programs one in pathway engineering, and the second in plant genomics. These positions are open to both established researchers as well as early career investigators who have demonstrated outstanding promise and creative ability.

The JGI is a large-scale genome science facility supported by the US Department of Energy with an emphasis on topics related to energy and environmental issues. The selected individuals will receive support for their research program as well as have access to the JGI’s large-scale capabilities including those in genomics, computational biology, and DNA synthesis. Will be expected to develop a strong independent research program as well as interface with ongoing activities at the institute. In addition they will have the opportunity to participate in large multidisciplinary research programs in collaboration with scientists throughout the JGI, LBNL, and the neighboring University of California, Berkeley campus.

How to Apply: To apply, please go to http://bit.ly/LBL7313Science and locate “Staff Scientist”. Then follow the application instructions. Please include a CV, summary of research interests, and references.

For informal inquiries, contact wrcannan@lbl.gov

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POSTDOC OPPORTUNITIES

DIRECTOR OF RENEW

Research and Education in Energy, Environment and Water

The University at Buffalo (UB), The State University of New York, is seeking an outstanding researcher, scholar and visionary leader to serve as the inaugural Director of the newly launched Signature UB RENEW Institute, a comprehensive, multidisciplinary organization dedicated to research and education on globally pressing issues in energy, environment, and water. To lead the development of UB RENEW most effectively, the Director, in addition to having outstanding research credentials in an appropriate area, will also have a successful track record of developing and leading interdisciplinary teams. As well as expanding his/her own research program, the Director will lead the hiring of approximately 20 UB RENEW faculty and their integration with the existing 100 faculty, and programs and departments across the Schools of Architecture and Planning, Engineering and Applied Sciences, Law, Management and Public Health and Health Professions, and the College of Arts and Sciences.

UB RENEW is a central component of the Realizing UB 2020 Initiative, which is focused on building UB’s reputation as a leader in research, scholarship and innovation in the global community of scholars, and consequently it will be established with a significant university investment. UB RENEW will increase the visibility and stature of UB by integrating its activities with those of community partners and parallel efforts across the 64-campus SUNY system, including participation in the SUNY Network of Excellence in Energy, Environment, Economics, and Education.

The Director will serve as the executive officer responsible for the overall management of UB RENEW, and in this capacity will report to the Vice President for Research and Economic Development. She/He will hold the highest level of academic appointment, potentially in multiple departments or schools, and will work with faculty and university leadership to attract additional external support from granting agencies, foundations, and private donors. Candidates should thus have a track record of productive and well-funded basic and/or applied research and demonstrated ability in working collaboratively within the academy, and also with state and local governments, not-for-profit organizations, and the business community.

For more information on this opportunity go to http://www.buffalo.edu/leadership-searches/current-searches/RENEW-director.html. Review of applications will begin March 1, 2014 and will continue until the position is filled. The search will be conducted in strict confidence until finalists participate in campus visits. References will not be contacted without the prior knowledge and approval of the candidates.

To apply, please submit a letter of application, curriculum vita, statements of teaching philosophy and research goals along with the names and contact information for five references. Further inquiries, applications or nominations should be addressed to: Bruce D. McCombe, SUNY Distinguished Professor, and Chair, UB RENEW Director Search Committee, 516 Caper Hall, University at Buffalo, Buffalo, New York 14260, UB-renew-search@buffalo.edu.

All qualified individuals are encouraged to apply including women, minorities, persons with disabilities and disabled veterans. University at Buffalo is an Affirmative Action/Equal Opportunity Employer.
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Apply to the ISTFellow program. Deadlines March 15 and September 15

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

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**Medtronic Chair in Neuroengineering**

at the Wyss Center & Center for Neuroprosthetics of the Ecole polytechnique fédérale de Lausanne (EPFL)

Within the framework of an EPFL initiative to promote groundbreaking translational research in neuroprosthetics, neuroengineering, and neuroscience, EPFL’s School of Life Sciences and School of Engineering invite applications for a faculty position at the level of tenure-track assistant professor, although more senior candidates will also be considered. The Medtronic Chair will join the striving community of EPFL’s new Geneva campus, which consists of the newly founded Wyss Center ([http://epfl.ch/](http://epfl.ch/)) and Center for Neuroprosthetics ([http://cnp.epfl.ch](http://cnp.epfl.ch)) in addition to being home to Europe’s largest neuroscience initiative, the Human Brain project ([https://humanbrainproject.eu](https://humanbrainproject.eu)). EPFL seeks outstanding individuals – neuroscientists, neuroengineers, or clinician-scientists – using state-of-the-art neuroengineering approaches to investigate neurological or psychiatric diseases with strong, laboratory-based or clinical research programs. Areas of interest include, but not limited to, neuromodulation, deep brain stimulation, cortical recording and stimulation, closed-loop control, optogenetics to understand diseases, neural interfaces, electrode design and modeling. The main clinical research fields include epilepsy, stroke, neurodegenerative disease, and psychiatric disease.

Internationally competitive salaries, substantial start-up and ongoing resources, and benefits are offered. Full access to all facilities at EPFL’s Center for Neuroprosthetics and the Wyss Center will be granted. Development of intensive clinical collaborations with the Department of Clinical Neurosciences and/or the Department of Psychiatry at Geneva University Hospital will be promoted. A commitment to graduate or undergraduate education is expected.

Applications should include a curriculum vitae with a list of publications, a concise statement of research and teaching interests, and the names and addresses (including e-mail) of at least five referees. Applications should be uploaded to:

[https://academicjobsonline.org/ajo/jobs/3866](https://academicjobsonline.org/ajo/jobs/3866)

While the committee will start analyzing applications on **April 1st 2014**, the search will remain open until the position is filled.

Enquiries may be addressed to:

**Prof. Olaf Blanke**
Chair of the Search Committee
E-mail: [cnp@epfl.ch](mailto:cnp@epfl.ch)

For additional information on EPFL, the Schools of Engineering and Life Sciences, the Wyss Center, the Center for Neuroprosthetics, the University of Geneva, and Geneva University Hospital, please consult the following web sites:


**EPFL aims to increase the presence of women amongst its faculty, and qualified female candidates are strongly encouraged to apply.**
DEPUTY CEO: ASTRONOMY

South Africa’s astronomy landscape and its scientific community have evolved dramatically with exciting developments over the past years. Starting with the construction of SALT nearly a decade ago, one of the major recent highlights is the award of a major share of the Square Kilometre Array (SKA) project, one of the largest global ‘big science’ investments. Together with on-going South African and international investments in radio astronomy (the African VLBI Network), optical astronomy (SALT) and gamma-ray astronomy, this increasingly places Africa in a pivotal position in the global astronomy arena.

Strategic decisions associated with these increased investments and internationalisation of astronomy in South Africa prompted the Minister of Science and Technology to support the establishment of a focused Astronomy Sub-Agency within the National Research Foundation (NRF). This Sub-Agency will operate as a separate cluster from the other non-astronomy related National Research Facilities to optimise the benefits that will accrue from the considerable national and international investments already made and expected to be made in astronomy in South Africa.

The NRF is seeking a visionary leader for this new sub-agency. We invite suitably qualified and experienced individuals to apply for the position of Deputy CEO: Astronomy. This position presents a wonderful opportunity to guide and stimulate the development of the rapidly growing astronomy community in South Africa in the interest of national, continental and global astronomy interests.

Key aspects of the position include:
• playing a key role in implementing and coordinating the national strategy for astronomy and related future national investments;
• overseeing the astronomy national facilities and the SKA-SA project within the NRF, and ensuring their synergistic interactions as well as the transfer of best practices amongst them, the rest of the NRF and other elements of the National System of Innovation (NSI);
• developing synergies between the astronomy facilities, universities and science councils, and the astronomy community at large, to address the country’s transformation imperatives in terms of skilled resources and research capacity;
• playing a key role in creating a national long range planning culture for multi-wavelength astronomy infrastructure and equipment;
• promoting public awareness through appropriate outreach initiatives; and
• liaising with international partners, boards, and other major international facilities.

Requirements

The ideal candidate will have:
• a record of research excellence in the fields of astronomy, physics or engineering with a minimum of a PhD qualification in any of these fields;
• a sound knowledge of the national science system, including an understanding of the governance requirements for public entities;
• demonstrated ability to consult with and gain the respect of the science community;
• keen insight into the key issues confronting astronomy facilities within the unfolding dynamics of the National System of Innovation and its global dimensions;
• a demonstrable record of leadership and research management capabilities, through having worked with researchers in facility environments and/or university management structures. A record of engagement with the policy environment will be an advantage; and
• a thorough awareness and understanding of science and technology research infrastructure and equipment development and maintenance, their effective utilisation, and challenges involved.

Information

The NRF offers a competitive total remuneration package, which, together with the terms of appointment, will be negotiated with the successful candidate. Candidates who could be based in Pretoria would be preferred.

The position will entail a 5 year term appointment with the possibility of renewal for a further 5 years depending on performance and availability.

The successful candidate will report to the CEO of the NRF. The role of the NRF, amongst other duties, is to provide state of the art national research facilities and infrastructure. In addition, the NRF promotes research ties between National Research Facilities which include the astronomy facilities, and higher education institutions, to maximise the development of skilled human capacity and to promote effective research while in pursuit of a transformed science workforce for the country.

The incumbent DCEO will serve as a member of the Corporate Executive Management team. S/he will provide leadership in the organisation and play a key role leading and co-ordinating all efforts and strategies across the various astronomy platforms and investments. This includes contributing to the transformation imperative, so as to maximise the contribution of astronomy investments to national priorities. In this endeavour the DCEO will be supported by the Astronomy Advisory Council.

The NRF is established by an Act of Parliament and mandated as the national agency to promote and support the development of skilled human capacity, to support knowledge generation and to provide science infrastructure in the country. The web site www.nrf.ac.za provides more background details on the NRF and its initiatives.

Applications

Applicants should submit a comprehensive CV, accompanied by a letter of motivation indicating the applicant’s suitability for the position. The names and contact details of at least three referees should be provided.

Applications must be forwarded to Mr P Thompson, Group Executive: HR & Legal Services, National Research Foundation, P O Box 2600, Pretoria, 0001. RSA
Tel: +27 (12) 481-4073, Fax: +27 (12) 481-4006, E-mail: patrick@nrf.ac.za.

Correspondence will only be conducted with short-listed candidates.

Closing date

The closing date for applications is 25 April 2014.

The NRF is committed to employment equity and redress.
if you are looking for research funding, apply today.

If your work is in need of funding, today - maybe the two of us should meet. Please go to www.lls.org to find out more.

someday is today

Science Careers online @sciencecareers.org

Founding Director, Penn Institute for Biomedical Informatics

The Perelman School of Medicine at the University of Pennsylvania invites applications for the position of Founding Director of the newly established Institute for Biomedical Informatics (IBI), enabled by a recent philanthropic gift. The Institute is focused on the science of biomedical informatics and will integrate informatics disciplines from bioinformatics to translational, clinical, and public health informatics. The Founding Director will lead and develop the Institute, bring together current informatics-related faculty throughout the Penn community, and in partnership with our Department Chairs, recruit new faculty to the Institute and the Perelman School of Medicine.

The mission of IBI is to:

• Establish an outstanding basic and applied sponsored research program in biomedical informatics,
• Recruit faculty and promote career development of biomedical informatics faculty at the Perelman School of Medicine,
• Launch educational programs in biomedical informatics,
• Support programmatic growth in biomedical informatics at the broader University of Pennsylvania, and
• Provide key guidance to the leadership of Penn Medicine on strategic investments in IT.

The IBI, in partnership with the Schools of Engineering and Applied Sciences, Arts and Sciences, Nursing, and Veterinary Medicine, as well as The Children’s Hospital of Philadelphia, will tackle challenges directly relevant to patient care, as well as improve basic research that leads to more personalized care. The Institute will also focus on educating the next generation of biomedical informaticians by incorporating a new Masters in Biomedical Informatics degree program with the existing PhD program in Genomics and Computational Biology and by creating additional graduate and medical training programs as the field evolves.

Applicants for the position of Director must have a PhD and/or MD, have a distinguished national/international record in biomedical informatics, and possess dynamic leadership skills, as well as a distinguished research record and a commitment to education and mentorship of students, fellows, and faculty. The applicant must have the background and skills to enable strong collaborations among bioinformatics and medical informatics activities. The candidate should express a clear vision of the future of biomedical informatics, and the role of an Institute that is part of a renowned academic medical center. The candidate must be qualified for appointment as Full Professor in the Tenure track of the standing faculty in an appropriate department in the Perelman School of Medicine.

All interested applicants are invited to send their curriculum vitae and letter of interest to Chi Van Dang, MD, PhD, Chair, IBI Director Search Committee, c/o Margaret M. Lizotte, Search Committee Liaison, lizotte@exchange.upenn.edu.

We seek candidates who embrace and reflect diversity in the broadest sense. The University of Pennsylvania is an equal opportunity, affirmative action employer.

Qualified applicants should apply to http://www.med.upenn.edu/apps/faculty_ad/index.php/d3547
Worldwide Search for Talent

City University of Hong Kong is a dynamic, fast-growing university that is pursuing excellence in research and professional education. As a publicly-funded institution, the University is committed to nurturing and developing students' talents and creating applicable knowledge to support social and economic advancement.

The Department of Biomedical Sciences has recently been established by City University of Hong Kong to develop a new academic field of study at the接口 between biomedical sciences. Excellent academic records and English communication skills are essential. Successful candidates are expected to teach at both undergraduate and postgraduate levels, conduct original research, attract external research funding, and publish in high-impact journals. The Department has currently has active research in molecular, cellular, and systems study of neurosciences, cancer, or regenerative biology, and the development of novel therapeutic agents and nanomedicine. Candidates with strong background in these and other biomedical science-related areas, especially those with research interests in the areas of infectious diseases, public health, and food safety, are welcome to apply. Preference will be given to qualified candidates whose research interests will contribute to multidisciplinary and collaborative biomedical research. The Department is committed to the professional development of its faculty, enabling them to become next-generation leaders in basic and translational biomedical sciences. Priority will be given to qualified candidates who can contribute through their research, teaching, and service to the diversity and excellence of the University and its community.

Candidates for the post of Professor and above should have a distinguished academic record including significant external funding support, demonstrated leadership skills, and a strong commitment to graduate and undergraduate education. Successful candidates are expected to develop internationally competitive research programs; and assume academic and administrative leadership in the Department by assisting in faculty development, promoting collaboration in cross-disciplinary teaching and research programs within the University, and facilitating the translation of basic biomedical research to practices of health services and healthcare-related industries.

Salary and Conditions of Service

Remuneration package will be driven by market competitiveness and individual performance. Excellent fringe benefits include gratuity, leave, medical and dental schemes, and relocation assistance (where applicable). Initial appointment will be made on a fixed-term contract.

Information and Application

Further information on the posts and the University is available at http://www.cityu.edu.hk or from the Human Resources Office, City University of Hong Kong, Tat Chee Avenue, Kowloon Tong, Hong Kong [Email: hrohp@cityu.edu.hk/ Fax: (852) 2788 1154 or (852) 3442 2011]. Please send the nomination or application with a current curriculum vitae and at least 3 reference reports to Prof. Michael YANG, Faculty Search Committee, Department of Biomedical Sciences via email at bms@cityu.edu.hk. Please quote the reference number in the application. Applications and nominations will receive full consideration until the positions are filled, and only shortlisted applicants will be considered. Interested candidates are invited to visit the Department. The University’s privacy policy is available on the homepage.

The University also offers a number of visiting positions through its “CityU International Transition Team” scheme for current graduates of postdoctoral scholars, and for early-stage and established scholars, as described on http://www.cityu.edu.hk/provost/cityu_international_transition.htm.

City University of Hong Kong is an equal opportunity employer and we are committed to the principle of diversity. We encourage applications from all qualified candidates, especially those who will enhance the diversity of our staff.

ASSISTANT/ASSOCIATE PROFESSORS

Bacteria- and virus-host interactions, pathogenesis, commensalism and latency

Department of Immunobiology

The Medical University of South Carolina College of Medicine invites applications for tenure-track faculty positions in bacteriology and virology at the Assistant or Associate Professor level. We seek outstanding scientists who will establish competitive, front-rank, independent research programs on the interactions of bacteria and viruses with their hosts at the molecular, cellular, or organismal level. The UA and the Department of Immunobiology recognize the power of a diverse community and strongly encourage applications from individuals with varied experiences, perspectives, and backgrounds. Candidates who use multidisciplinary approaches to probe microbe-host interactions that impact intrinsic or innate responses to infection, commensalism, persistence, and/or host metabolism, particularly at the respiratory or gut mucosal surfaces, are strongly encouraged to apply. Applicants must have a Ph.D., M.D. or equivalent degree in the relevant field of study and postdoctoral experience. The successful candidates are expected to obtain extramural funding for their research programs and participate in graduate and medical student teaching. Salary and start-up funds are attractive and commensurate with qualifications and experience. Information on the Department of Immunobiology, UA centers and institutes, core facilities and the interdepartmental ABBBS graduate training program can be found at (http://immunobiology.arizona.edu) and (http://medicine.arizona.edu/about-college/centers).

UA is in the midst of bold investment into doubling its research capacity as a part of the Never Settle strategic plan. Coupled with outstanding climate, landscape and cultural environment (http://immunobiology.arizona.edu/content/about-tucson), this makes UA the place to be in the next few decades. Please submit applications containing (i) CV; (ii) a 2-page summary of current research and teaching interests and long-term goals; and (iii) three letters of recommendation; electronically at the following URL address: https://www.uacareertrack.com/applicants/jsp/shared/frameset/Frameset.jsp?time=139221943886 and search postings for job number 54209.

The University of Arizona is an Affirmative Action/Equal Opportunity Employer and prohibits discrimination on the basis of age, disability, sex, race, color, religion, national origin, sexual orientation or gender identity. Women and minorities are encouraged to apply.

Assistant/Associate Professors

Bacteria- and virus-host interactions, pathogenesis, commensalism and latency

Department of Immunobiology

The Department of Immunobiology at the University of Arizona (UA) College of Medicine (COM) invites applications for tenure-track faculty positions in bacteriology and virology at the Assistant or Associate Professor level. We seek outstanding scientists who will establish competitive, front-rank, independent research programs on the interactions of bacteria and viruses with their hosts at the molecular, cellular, or organismal level. The UA and the Department of Immunobiology recognize the power of a diverse community and strongly encourage applications from individuals with varied experiences, perspectives, and backgrounds. Candidates who use multidisciplinary approaches to probe microbe-host interactions that impact intrinsic or innate responses to infection, commensalism, persistence, and/or host metabolism, particularly at the respiratory or gut mucosal surfaces, are strongly encouraged to apply. Applicants must have a Ph.D., M.D. or equivalent degree in the relevant field of study and postdoctoral experience. The successful candidates are expected to obtain extramural funding for their research programs and participate in graduate and medical student teaching. Salary and start-up funds are attractive and commensurate with qualifications and experience. Information on the Department of Immunobiology, UA centers and institutes, core facilities and the interdepartmental ABBBS graduate training program can be found at (http://immunobiology.arizona.edu) and (http://medicine.arizona.edu/about-college/centers).

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NWAFU Professorship’s Recruitment

Northwest A&F University (NWAFU) is a national key comprehensive university directly under the jurisdiction of the Ministry of Education of the People’s Republic of China and supported by its "Project 985" and "Project 211". The University is located in Yangling, Shaanxi Province, 80 km west of Xi’an, a historic city of China. Yangling is not only the location of the University, is also the birth place of Chinese agricultural civilization and the location of the state-level Agricultural Hi-tech Industries Demonstration Zone. The University recruits distinguished professors and full-time professors in various academic disciplines.

I. Academic Disciplines:

II. Applicant’s Eligibility:
Candidates must possess a position at Assistant professor or higher ranking in a recognized college or university, and has achieved significant accomplishments or contributions, or evidence of success in the respective discipline.

III. Facilities and Conditions:
The University provides sufficient start-up funds and facilities, highly competitive salary, and an apartment with individual property right after serving the University for 10 years. The University will actively help and recommend the hired professors to apply “Global Experts Program” and “Chang Jiang Scholars Program”, and many others.

IV. Procedure:
For full consideration, interested applicants should send a letter of interest, a recently updated CV with a list of publications, faculty position application form (http://rcb.nwsuaf.edu.cn/sort.php?sortid=8), and three letters of recommendations to: rencai@nwsuaf.edu.cn. The University will arrange an interview after verifying of the materials and application materials. The University will cover the expenses of international travel when the candidate is invited for an interview. Please visit http://rcb.nwsuaf.edu.cn/ for more information.

http://rcb.nwsuaf.edu.cn/

Faculty Positions Available in Southwest University, Chongqing, China

Southwest University is a national key university of the “211” project directly under the Ministry of Education. It is located in Chongqing, the youngest municipality of China. The university hosts approximately 50,000 students, covering undergraduate, postgraduate and other programs. For more detailed information, please visit the website: http://www.swu.edu.cn/

Applications for full-time professors, associate professors and distinguished scientists are welcome. Competitive salaries and start-up funds will be provided to successful candidates, in line with the national Recruitment Program of Young Experts.

The Recruitment Program of Young Experts (i.e. the Plan for Recruiting 1,000 Professorship for Young Talents): The candidates are required to be under the age of 40 and have obtained a PhD degree in a world-renowned university with at least 3 years of research experience abroad, or have obtained a PhD degree in Mainland China with at least 5 years of research and teaching experience abroad. Special offers will be granted to those who have excellent research achievements during their doctoral study.

Further information is available at http:// renshi.swu.edu.cn/rcgzbgs/ The Talents Recruitment Office, Southwest University,Beibei, Chongqing 400715, P. R. China. 0086-23-68254265.

Please kindly send applications or nominations in the form of an application letter enclosing a current CV to rencai@swu.edu.cn.

Faculty Positions Available at Capital Normal University

Capital Normal University invites applications for full-time positions in research and academics. Established in 1954, Capital Normal University (CNU) is a comprehensive university offering majors in arts and humanities, sciences, technology, business management, laws, education, foreign languages, and art. CNU is a key university under the administration of Beijing Municipal Government, and a Project 211 institution.

For more detailed information, please visit the website: http://www.cnu.edu.cn/pages/info_details.jsp?seq=20433&boardId=71002&classCode=71002

Eligible applicants:
Young scholars with PhDs or postdoctoral research experiences with a specific area of expertise and outstanding research achievements. The applicant must be physically healthy, and demonstrate good teamwork skills.

Professors are required to be under 45 years of age, exceptions can be made for holders of high-level academic titles; PhDs are expected to be under 35 years of age, and post-docs under 40.

Employee benefits:
CNU provides different levels of competitive salaries and start-up research funding. Housing and relocation allowances will be provided for the professors. Post-docs or PhDs from overseas universities with vice senior academic titles who have made significant academic achievements can apply for temporary housing.

To apply:
Please submit the following items to the related colleges or departments, and forward it to the Personnel Department of CNU: Curriculum Vitae; proposed work plan for 3 years; a list of papers and publications in the last 5 years; a list of awards won; a list of research projects participated or led by the applicants; and reference letters from experts in the applicant’s field of study.

Please also send paper copies of the application package to:
Personnel Department, Capital Normal University, 105 Xisanhuanbeila, Haidian District, Beijing 100048, P.R. China
Contact: Zhou Quan, Chen Wenxin
Email: nrc2013@163.com
Tel: 86-10-68902824
Fax: 86-10-68902240
STAFF CLINICIAN
IN MEDICAL ONCOLOGY AND THORACIC ONCOLOGY
Application Deadline: March 17, 2014

The Thoracic and Gastrointestinal Oncology Branch (TGIB), Center for Cancer Research (CCR), National Cancer Institute (NCI), Department of Health and Human Services (DHHS) is seeking candidates for a Staff Clinician position. The position is located on the NIH campus in Bethesda, Maryland. The successful candidate will focus on translational research in thoracic cancers with an emphasis on malignant mesothelioma. The position involves close collaboration with basic scientists and performing innovative early-phase clinical trials of novel targeted agents being developed at the National Cancer Institute. These trials will use immunotherapy-based approaches to treat mesothelioma.

We are seeking individuals interested in an academic career committed to advancing translational research. The candidate is expected to have strong background in translational research, management of malignant mesothelioma and in early-phase clinical trials. Prior experience with clinical development of immunotherapeutic agents is desirable. For further information about the Thoracic and Gastrointestinal Oncology Branch, NCI programs, faculty and training, or the NIH, please visit our respective web sites: http://ccr.cancer.gov/labs/lab.asp?labid=997, http://ccr.nci.nih.gov/, and http://www.nih.gov.

Candidates must have an M.D. degree and be board certified or board eligible in medical oncology. Salary will be commensurate with experience. Applications should include: a personal statement of clinical and research experience and interests; a current curriculum vitae and complete bibliography; and the names, addresses and phone numbers of five (5) references. Applications must be received by COB: March 14, 2014; to the attention of Aaron Bell via e-mail at bella@mail.nih.gov; or mail: National Cancer Institute, 9000 Rockville Pike, Building 3, Room 4E17, Bethesda, MD 20892-1904.

DHHS, NIH and NCI are Equal Opportunity Employers.

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

E.O. WILSON
BIODIVERSITY SYMPOSIUM
April 22-24, 2014
The University of Alabama
Tuscaloosa, AL, USA

Registration: www.biodiversity.ua.edu
Beginning on Earth Day at The University of Alabama

Join Dr. Edward O. Wilson and international biodiversity experts for three days of research briefings and forums on the state and future of biodiversity on our planet.

Featuring the international release of Dr. Wilson’s new book, A Window on Eternity: Gorongosa National Park, Mozambique.

Distinguished Speakers
E. Virginia Armbrust
P. Dee Boersma
R. Scot Duncan
Ryan Earley
Scott V. Edwards
Harry W. Greene
Juan M. Lopez-Bautista
Jonathan B. Losos
Meg Lowman
D. Bruce Means
Michael B.A. Oldstone
Richard A. Richards
Leslie J. Rissler
Sahotra Sarkar
Diana H. Wall
Edward O. Wilson

Join Dr. Wilson and the College of Arts and Sciences as we explore biodiversity from a range of perspectives: biological, evolutionary, cultural, and philosophical.

Registration: www.biodiversity.ua.edu

AAAS is here –
Science Funding, Climate Regulation, Human Rights.

Around the world, governments turn to AAAS as an objective, multidisciplinary scientific authority to educate public officials and judicial figures on today's most pressing issues. And this is just one of the ways that AAAS is committed to advancing science to support a healthy and prosperous world. Join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/policy
AWARDS

HUMAN FRONTIER SCIENCE PROGRAM (HFSP)

CALL FOR NOMINATIONS FOR THE 2015 HFSP NAKASONE AWARD

In keeping with its mission to promote innovative international research, HFSP invites nominations for the 2015 Nakasone Award which honors ground-breaking contributions in the life sciences. Typically these will be breakthroughs in understanding the complex mechanisms of living organisms that have important consequences for scientists throughout the world. Experimental, conceptual and technological contributions are eligible. This award recognizes the vision of former Prime Minister Nakasone of Japan in the creation of HFSP.

The winner of the 2014 award was Uri Alon of the Weizmann Institute of Science, Rehovot, Israel, for his pioneering work in discovering network motifs in genetic circuits.

The competition is open; it is not limited to HFSP awardees and there is no age limit for candidates. However the jury will pay particular attention to recent breakthroughs by younger scientists. Nominations should be made before 4th April 2014 by submitting the one-page nomination form and the nominee’s CV (see the HFSP website for more information). The selection will be made by the HFSP Council of Scientists at its meeting in July 2014. The awardee will receive an unrestricted research grant of 10.000 USD, a commemorative medal and an invitation to deliver the Nakasone lecture at the 2015 HFSP Awardees Meeting.

HFSP, 12 quai Saint-Jean, 67080 STRASBOURG Cedex, France, www hfsp.org/awardees

CONFERENCES

AIDS 2014

20th International AIDS Conference
Melbourne, Australia
July 20-25, 2014
WWW.AIDS2014.ORG

STEPPING UP THE PACE

POSITIONS OPEN

TEMASEK RESEARCH FELLOWSHIP (TRF)

A globally connected cosmopolitan city, Singapore provides a supportive environment for a vibrant research culture. Its universities, Nanyang Technological University (NTU), National University of Singapore (NUS) and Singapore University of Technology and Design (SUTD) invite outstanding young researchers to apply for the prestigious TRF awards.

Under the TRF scheme, selected young researchers with a PhD degree have an opportunity to conduct and lead defence-related research. It offers:

- A 3-year research grant of up to S$1 million commensurate with the scope of work, with an option to extend for another 3 years
- Postdoctoral or tenure-track appointment (eligibility for tenure-track will be determined by the university)
- Attractive and competitive remuneration

Fellows may lead, conduct research and publish in these areas:

- Beamless RF Generator
- High Power Laser Diodes
- Cognitive Science for Machine Intelligence
- Cyber Security
- Machine Intelligence – Software Architecture as Autonomy Enabler

For more information and application procedure, please visit:

SUTD – http://www.sutd.edu.sg/trf

Closing date: 21 April 2014 (Monday)

Shortlisted candidates will be invited to Singapore to present their research plans, meet local researchers and identify potential collaborators in July/August 2014.

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POSTDOCTORAL POSITIONS

POSTDOCTORAL FELLOW

Protein Structure and Function. Position available at the University of Alabama at Birmingham in the laboratory of Dr. Margaret Johnson. We use solution NMR spectroscopy to study proteins involved in the metabolism and molecular recognition of poly(ADP-ribose), a key biomolecule in the maintenance of genome integrity, chromatin structure, and the cell cycle. Areas of research include determining high-resolution structures of proteins and protein complexes, enzymatic synthesis, and computational simulations. Enthusiastic, motivated researchers are encouraged to apply. Candidates should have recently received a Ph.D. in a related discipline and have a strong background in structural biology or biochemistry. To apply please send a cover letter, curriculum vitae, and contact information for three references to e-mail: maggiejohnson@uab.edu. UAB is an Equal Opportunity/Affirmative Action Employer.

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Two postdoctoral positions are immediately available for the study of lipid signaling, with an emphasis on cholesterol and nuclear lipid signaling. Our interdisciplinary research includes quantitative imaging of cellular lipids, genomic-scale analysis of membrane binding proteins, and small molecule modulation of membrane protein interactions. Our group provides a highly challenging and supportive environment with state-of-the-art imaging and biophysical facilities. Motivated candidates with a strong background in cell biology, microscopy, and chemical biology are encouraged to apply.

Please electronically send curriculum vitae and names of three references to: Wonhwa Cho, Department of Chemistry (M/C 111), University of Illinois at Chicago, 845 W. Taylor Street Chicago, IL 60607; e-mail: wcho@uic.edu. Website: http://brahms.chem.uic.edu.

ANNOUNCEMENT

CAREER OPPORTUNITY

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