POSTDOCTORAL SCHOLARS and Early Career Tenure Track Program
Arizona State University
Bisgrove

Arizona State University Graduate Education is now accepting applications for the Bisgrove Postdoctoral and Early Career Tenure Track Program. The award (sponsored by Science Foundation Arizona) is designed to attract the nation’s best early career scientists and engineers who exhibit the potential for outstanding competence and creativity in their research areas, strong communication skills, a passion for communicating the importance of their research to society, and a keen interest in educational outreach to the community. Individuals eligible to apply are U.S. citizens or permanent residents of the U.S. Applicants should demonstrate research training and potential to transform ideas into value for society and the interest to work at the convergence of several disciplines. For application and submission procedures, go to website: http://graduate.asu.edu/bisgrove.

POSTDOCTORAL POSITION
Bacterial Gene Regulation and Lyme Disease Pathogenesis

A postdoctoral position is available to study virulence gene regulation in *Borrelia burgdorferi*, the Lyme disease spirochete. Studies will focus on the RpoN (Sigma54)-RpoS alternative sigma factor regulatory cascade and, in particular, the role of BosR as an accessory molecule for pathway activation (see: Z. Ouyang et al., “BosR [BB0647] controls the RpoN-RpoS regulatory pathway and virulence expression in *Borrelia burgdorferi* by a novel DNA-binding mechanism” *PLoS Pathogens* 7:e1001272 [2010]). The position offers the opportunity to conduct research in an attractive, dynamic research environment with outstanding resources. Candidates should have a Ph.D. with a background in bacterial genetics, gene regulation, bacterial pathogenesis, and molecular biology. Experience in spirochology, animal models, and/or tick biology is a plus. Please send curriculum vitae and three letters of recommendation to: Dr. Michael V. Norgard, Chair, Department of Microbiology, University of Texas Southwestern Medical Center, 6000 Harry Hines Boulevard, Dallas, TX 75390-9048 (e-mail: michael.norgard@utsouthwestern.edu). University of Texas Southwestern Medical Center is an Equal Opportunity Institution.

OPPORTUNITIES FOR INFORMATICS RESEARCH at Harvard Medical School

The Biomedical Informatics Research Training (BIRT) Program is a consortium of leading informatics laboratories at Harvard. It is supported by a grant from the National Library of Medicine, National Institutes of Health. For United States citizens and permanent residents, this POSTDOCTORAL FELLOWSHIP provides stipend, tuition, and travel funds. Selected fellows are provided with many opportunities for training, research, interaction, and collaboration. All fellows also pursue the two-year Harvard Medical School Biomedical Informatics MMSc.

The MMSc is a postdoctoral degree program that consists of course work and mentored research. Fellows in our program choose from one of four possible tracks: Bioinformatics, Clinical Informatics, Imaging Informatics, and Population Health Informatics.

To learn more, visit website: http://informaticstraining.hms.harvard.edu/.

In addition to the BIRT program, the Center for Biomedical Informatics (CBMI) offers a number of other training and research opportunities.

For more information about our programs, contact Aimee Doe, Program Coordinator, at e-mail: aimee.doe@hms.harvard.edu.

POSTDOCTORAL FELLOWSHIP
Bisgrove

The Alexander von Humboldt Foundation funds POSTDOCTORAL and experienced researchers to spend 6–24 months in Germany on a research project of their creation. Funding for junior research group leaders available as well.

Apply for the Humboldt Research Fellowship or the Sofja Kovalevskaja Award!

Website: http://www.humboldt-foundation.de/web/home.html.

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Science Careers
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**The Transferrable Postdoc**

Now more than ever, experts say, postdoctoral fellows need to cultivate a broad base of beyond-the-bench skills and capitalize on transferring them to the next stage of their career to be as competitive as possible. In today’s competitive job market, it is vitally important for postdocs to accumulate skill sets on their CVs right alongside their publications—whether their next career move is research-based or not. Postdocs who repurpose their lab leadership and project management skills into star candidate qualities have an advantage when looking to step into their next position. *By Kendall Powell*

When an infectious disease fellowship at the Centers for Disease Control and Prevention in Atlanta turned out to be a poor fit for Melissa Ramirez, she moved on to other postdoctoral opportunities where she picked up skills in grant writing, student mentoring, and teaching. Her last stop was as a postdoctoral teaching scholar at North Carolina State University in Raleigh, where she was immersed in teaching and curriculum development for the campus’s undergraduate microbiology students.

At each stage of postdoctoral development, Ramirez gained valuable skills that have now successfully translated into a new career as a teaching assistant professor at NC State.

Her success was not a given, but came after several years of gathering broad expertise across areas and matching those skills to her interests. Ramirez’ approach should make her postdoctoral colleagues sit up and take note—no matter which direction they take next, it’s a tough job market out there. Almost every sector of the science and technical labor market has tightened since the Great Recession began in 2008.

“It’s very hard to find research positions, in general,” says Paula Stephan, professor of economics at Georgia State University in Atlanta and a research associate at the National Bureau of Economic Research. “Postdocs, for the last couple of years, have had particular difficulty because of a soft economy.”

Universities in both the United States and Europe are hiring more contract-based faculty or faculty in tenure-track positions that have no salary guarantee and require outside grant funding. Stephan notes that a combination of factors have hit biomedical job candidates especially hard, including the flattening of the U.S. National Institutes of Health budget and the consolidation, downsizing, and off-shoring of jobs among pharmaceutical firms. Some of the largest chemistry labs in the United States, such as DuPont, are also downsizing. “Once we get updated data from the Survey of Earned Doctorates and Survey of Doctorate Recipients, I think we’ll see that industry is hiring fewer Ph.D.s for research positions as well.”

Compounding the problem is the expectation gap that exists among the roughly 56% of postdocs who believe they will continue on to tenure-track academic positions and the 21% who actually did in 2012 (scim.ag/XWZwhv). In addition, the definition of a successful academic job candidate has also shifted in the last decade. Beyond stellar research and publication records, faculty candidates must also collaborate across disciplines and the globe, and have a sharp talent for fundraising.

Although this might all seem bleak, Doctorate-holding scientists are highly employable in many arenas. While postdocs tend to put their heads down and toil to collect data, Stephan and others urge them to periodically step away from their research to make sure they collect transferrable skills, too.

“Actually many of the skills we need for academic careers are the same for non-academic careers,” says David Bogle, chemical engineer and pro-provost of the Doctoral School at University College London. Strengths in analytical thinking, problem solving, written and oral communication, and collaboration make postdocs universally attractive. “No employer wants somebody that is narrow-minded” or too narrowly focused, say Bogle.

**Got skills?**

A variety of self-assessment resources can help postdocs track their progress. “Young scientists need to periodically sit back and think, what skills do I have? What skills do I need for my project? And what am I lacking?” says Bogle.

He recommends the Researcher Development Framework created by Vitae (scim.ag/1lVhLtb), a career development organization based in Cambridge, United Kingdom. *continued>*

**Upcoming Features**

*Faculty: Professionalism 1—Sept. 12 □ Faculty: Professionalism 2—Oct. 3 □ Top Employers Survey—October 17th*
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

Primary Contact Details:
Rua Pio XI, 1500 – Alto da Lapa
05468-901
São Paulo, SP – Brazil
Phone: +55-11-3838-4224
URL: www.fapesp.br
The framework covers four domains scientists need to be effective: intellectual knowledge, personal effectiveness, professional standards, and working with others.

Similarly, the myIDP website (myIDPsciencecareers.org) is particularly well-suited to helping biomedical scientists explore careers and set goals for career development. **Sibby Anderson Thompkins**, director of postdoctoral affairs at University of North Carolina (UNC), Chapel Hill, advises using the National Postdoctoral Association’s Core Competencies document and the checklist at the end of it (scim.ag/1pmZ9p9) as a concrete way to discuss professional development and specific skills goals with postdoctoral advisors.

**A skills frame-shift**

The core skills that every postdoc needs to transition to a successful academic career are well known. Professorships go to those who exhibit clever experimental design and efficient research project management, who can deliver persuasive scientific arguments, and who are able to write clear, concise, and winning publications and grant proposals. But many postdocs may overlook that those same skills—with a slight tweak in frame-of-mind—make them highly marketable for other positions as well.

Anderson Thompkins says postdocs have to shift their own thinking about their acquired skills and how best to present them to potential future employers. “Postdocs are, in fact, mini project managers,” she says, and should describe themselves as such. “Think more broadly—can you manage people, manage time, meet deadlines, and organize? All those skills are really useful in any job. Any job.”

Bogle points to another skill that is highly valued in the workplace, but often undervalued by scientists: “The communication of complex ideas in a clear, transparent way. It’s difficult to deliver complex messages quickly.”

**Joe Hardy** adds that problem solving, analytical thinking, and understanding how to run proper experiments translate beautifully in today’s companies operating within Internet-based commerce. “Right now, the way companies think about developing and marketing products is essentially an experimental model,” says Hardy, the vice-president for research and development at Luminosity, a cognitive-training software company based in San Francisco.

Web-based and technology firms often take the approach of an A-B test, he says, with different customers exposed to different experiences. Then, companies measure behaviors like clicking links or purchasing in response. Postdocs understand the importance of random assignment of conditions, good experimental controls, and how to process the data coming back. “In this world of the Internet, millions of experiments are happening simultaneously. Experimental design and analysis are big players now,” Hardy notes.

Another invaluable skill postdocs must possess to succeed in almost any later venture is writing clearly and concisely. Doing three paleontology postdocs in France, Berlin, and New York—and writing multiple fellowship applications to fund them—prepared **Faysal Bibi** for pursuing the large grant he needs to secure a permanent faculty position. Now in a five-year “habilitation” post as an assistant professor of paleontology at the Museum für Naturkunde in Berlin, Bibi says he has the confidence to write a proposal for the €1–2 million grants necessary to sustain a research program.

When it dawned on **Christine Gould** that she actually enjoyed the process of writing up her thesis and postdoctoral work, she investigated scientific writing careers. As a medical writer for Health Interactions in San Francisco she prepares manuscripts, slide presentations, and abstracts for biotechnology clients. Careers that employ scientific writing skills include science communications and journalism, medical writing, regulatory affairs, and continuing medical education (or CME). **Jeff Sfakianos** even found that his manuscript-writing skills were extremely handy when filing patent applications for his therapeutics startup company. Sfakianos, who did a postdoc at Genentech, found that the back-and-forth with patent examiners mirrored the process of peer review. “Writing my own papers was more important than I imagined,” he says.

Even though writing clearly, presenting complex ideas, and successful completion of projects comes with the postdoc territory, job seekers might need to spell these abilities out for employers. Hardy of Luminosity stresses that if postdocs are transferring outside of their immediate research field, then they must describe in detail (and perhaps in a profession-matched vocabulary) their accomplishments and what useful, relevant skills they have attained.

Gould did this by flipping her curriculum vitae on its head. She listed all of her writing experience at the top—including contract editing work, blogging, and courses in science writing—and de-emphasized her research. “I described myself as a medical writer who happens to have eight years of experience in cancer biology.” Later, she was told her resume stood out to the human resources department.

**Missing from the toolkit**

Most postdocs make good project managers, shepherding multiple lines of research into a coherent final publication, but they often lack other types of management training. Fiscal, personnel, and time management are critical for careers both inside and outside academia. These skills, along with teaching and business know-how, should top the list of anyone heading out on the job market, but obtaining them requires extra effort.

As a senior postdoctoral researcher at Uppsala University in Sweden, **Grzegorz Wichler** has acquired an impressive list of technical skills from specialized mass spectrometry to microdissection and primary cell culture. But when it came to starting up his own cell culture company, PrimeCell, he took advantage of the Uppsala Innovation Centre, which helps researchers commercialize their ideas.

Through the center, he took the three-month Business Lab program to gain some business, marketing, and legal knowledge and to get connected to experts in those areas. He also attends “business pub” meetings every couple of weeks to chat with others starting companies and “exchange knowledge with a beer in your hands.”

**Chris Blagden**, director of CME development and strategy for HealthmattersCME in New York
Roche Postdoc Fellowship (RPF) Program

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

“The RPF program provides an excellent way for academics to transition into industrial research. The topics offer a good balance between exploratory science and application moving towards development. As well as affording access to state-of-the-art facilities and expertise, the fellowship allows participants to gain an insight into the entire drug value chain. The most exciting part for me is shifting perspectives to accommodate industry requirements into my research in the area of cardiotoxicity testing and assessing how I can add value to it.”

Mamta (34) from India

“The program gives me the opportunity to work on a hands-on early stage drug discovery project with a talented team of biologist, chemists and biochemists within Roche and academia. The collaboration with an interdisciplinary team challenges me with unique scientific questions every day. It also sharpens my soft skill set, as working in teams is all about effective communication. It is a truly unique program in this respect that advances my personal and professional career.”

Daniel (28) from Switzerland

Key facts
Currently we have close to 100 ongoing RPF collaborations covering an exciting range of innovative and intellectually stimulating research programs which both encompass and focus on cutting-edge scientific endeavors on a worldwide stage. Each Postdoc has two mentors, one from Roche and 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 (DMRP, Non-Clinical-Safety, Modelling & Simulation, Translational Technologies, Bioinformatics), Therapeutic Modalities (Small & Large Molecules Research, Discovery Technologies).

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

To apply online for positions visit www.careers.roche.ch
Problem solving, analytical thinking, and understanding how to run proper experiments translate beautifully in today's companies operating within Internet-based commerce.

— Joe Hardy

Running a successful marketing campaign

Regardless of whether postdocs transfer skills to a permanent professorship or to another field entirely, they must think broadly about how to market themselves when the time comes. Much like a presidential bid, running a successful self-marketing campaign requires starting years ahead.

Anderson Thompkins says that postdocs who come to the UNC office early realize they must have a clear sense of their end goal to maximize their postdoctoral time. The most successful postdocs, she says, consider different options, having multiple "plan Bs" and do not bank on one particular career path.

Bogle suggests that trainees ponder career choices at two special times: research highs and research lows. "Take a break and look around. Go to the pub with friends and talk about it. Explore, get out there and find out what's on offer. Make all the connections you can and make use of all the external contacts you can."

Young scientists have things backwards if they research intensely for 10-12 hours per day and then only spend 15 minutes on a job search, says Hardy. "You should spend significant amounts of time investigating, networking, and understanding what people like you have gone on to do."

Although self-promotion doesn't always come naturally to scientists, postdocs need to think strategically about how best to position themselves in the research enterprise. In his various postdoc posts, Bibi soaked up cutting-edge techniques, such as evolutionary meta-analysis and genomics, and made valuable personal connections.

"What paid off is that I liked to be a bit of the odd one out, surrounded by people who worked on different things or in different [geologic] time periods." This way, he gained both innovative technical skills and expanded his network well beyond his subfield. As an academic job candidate, he says, "this is something I think I can sell much better than simply saying that I study fossil antelopes."

Bibi has landed on the exact right word: "sell." Job searching in today's market is fundamentally about selling yourself, your ideas, and your skills and convincing a potential employer of your value. Luckily, that's one skill many postdocs have already unconsciously mastered. After all, how many times have you given a seminar and successfully persuaded the crowd to believe you and your data?

Kendall Powell is a freelance science writer based in Lafayette, Colorado.

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Featured Participants

Georgia State University
www.gsu.edu
Health Interactions
www.healthinteractions.com
HealthmattersCME
healthmatterscme.com
Lumosity
www.lumosity.com
Museum für Naturkunde
www.naturkundemuseum-berlin.de/en
National Bureau of Economic Research
www.nber.org
North Carolina State University
www.ncsu.edu
PrimeCell
www.primecell.se
University College London
www.ucl.ac.uk
University of North Carolina, Chapel Hill, Office of Postdoctoral Affairs
research.unc.edu/offices/postdoctoral-affairs

Additional Resources

Uppsala University
www.uu.se/en

American Society for Microbiology’s Teaching Fellows Program
www.asm.org/index.php/asm-science-teaching-fellows-program
National Postdoctoral Association’s Core Competencies
www.nationalpostdoc.org/competencies
Preparing for Academic Practice Program, Oxford University
www.apprise.ox.ac.uk
Uppsala Innovation Centre
www.uic.se
Vitae
www.vitae.ac.uk

another skills gap: while postdocs get loads of practice at bringing projects to an endpoint, they get “very little training in the way of doing it cost-effectively and time-effectively.” These are key for CME projects—and for many other client- or product-based projects—that must come in on time and under budget. Postdocs who have managed their own research budget or met tight deadlines may have a leg up.

Considerable skills gaps can exist even for postdocs remaining in academia. The leap from postdoc to lab head comes with considerable shifts in focus and responsibilities—teaching, lab management, dealing with interpersonal conflicts, and a penchant for fundraising (scim.ag/1mG50T)—which don’t necessarily come naturally. Academic career development programs, like the popular Preparing for Academic Practice at Oxford University in the United Kingdom, can pave the way for postdocs moving toward tenure-track posts.

Ramirez’ teaching scholars program at North Carolina State University provides a foundation for transitioning to teaching faculty positions. With other fellows, she helped teach, organize, and administer the courses and answered student questions. Postdocs can also explore teaching careers through programs such as the American Society for Microbiology’s Teaching Fellows Program, a five-month online development course. Ramirez says her past research career greatly influences her teaching. She was already skilled at distilling down her research to a few sentences to grab the attention of scientists outside her field. “It’s the same thing with students—you have a few minutes to capture their attention in a lecture or you’ve lost them for 50 minutes.”
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**Food Systems Resilience to Climate Change**

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Visit: [http://sesync.us/foodsystems](http://sesync.us/foodsystems) for details. For best consideration, apply by October 1, 2014.

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The Pediatric Infectious Disease & Vaccines Workgroup at the Department of Pediatrics, Charité University Medical Center, are recruiting a

Bioinformatician/ Epidemiologist/ Biostatistician (Postdoc)

(Reference Number: DM.78.13)

Charité – University Medical Center Berlin is a top-level European institution for biomedical research and patient care. Our multi-disciplinary clinical research team is actively involved in several national and international research networks, including EU-funded consortia. Scientifically, we are seeking an individualized approach to the management and treatment of acute infections in infants and children, based on an improved understanding of immunologic and genetic factors. Innovative mathematical, epidemiological and biostatistical models and methodologies will be key to advancing our knowledge in this important subject area.

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- High-impact publications and track record of successful international research activities.
- Excellent command of English language (written, oral). German language skills are not required.
- Excellent methodological competencies including advanced statistical and analytical skills.
- Hands-on experience with the dry-lab analysis of complex ‘omics and clinical datasets, quality/plausibility checks and data protection/security.
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With your application, please include the following reference number DM.78.13

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Department of Health and Human Services
National Institutes of Health
National Institute on Deafness and Other Communication Disorders

Robert Wenthold Postdoctoral Research Fellowship

The Robert Wenthold Fellowship supports NIDCD intramural research training of the most highly promising postdoctoral research fellows seeking to become independent investigators and leaders within the mission areas of NIDCD. A Wenthold Fellow is encouraged to design a research training and career development plan that takes advantage of the multi-disciplinary training, dedicated core facilities, and the breadth and depth of communication sciences expertise within the NIDCD intramural research program (http://www.nidcd.nih.gov/research/). NIDCD intramural research includes basic and clinical studies of normal and disordered processes of hearing, balance, taste, voice, speech and language.

The Fellowship is designed to maximize the probability of success for a long-term independent research career in the multi-disciplinary field of communication sciences. Acquisition of new scientific approaches and methodologies is encouraged, with the opportunity for multi-disciplinary training and structured co-mentoring. The Fellowship includes an initial two-year commitment of salary, benefits, travel and annual supplies, with the potential for performance-based salary increases and extension of the appointment beyond two years.

Eligible individuals will have an MD and/or PhD, or an equivalent doctoral degree, and 0-2 years of prior postdoctoral research experience at the time of initial appointment. Prior postdoctoral experience may be in an NIH intramural or extramural laboratory.

Please submit: (1) a curriculum vitae with bibliography, (2) up to three publication reprints written as first or co-first author, and (3) a one page research statement including summary of previous research training and accomplishments, research interests, training and career goals, and a proposal for multi-disciplinary mentorship and training to Ms. Linda de Iberri, Office of the Scientific Director, NIDCD, 35A Convent Drive, Bldg. 35A, Room GF102, Bethesda, MD 20892 (deiberril@nidcd.nih.gov). Also arrange for three letters of reference to be sent directly to Ms. Linda de Iberri.

Applications are due by October 1, 2014.

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Pfizer R&D Postdoctoral Program

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Our postdoctoral program is designed to provide the research foundation that will lead to future improvements in disease therapy, while at the same time offering our trainees an exceptional career building experience in the biomedical sciences. Our trainees perform cutting-edge research leading to publications in top-tier journals, attend high-profile scientific meetings, and interact with well-known academic labs worldwide.

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- Annual deadlines are February 1, May 1, August 1, November 1
- Open to US and non-US citizens

Detailed program information, including instructions on how to apply online, is available on the NRC website at:
www.nationalacademies.org/rap

Applicants must contact Adviser(s) at the lab(s) prior to application deadline. Questions should be directed to the National Research Council TEL: (202) 334-2760 E-MAIL: rap@nas.edu

Qualified applicants will be reviewed without regard to race, religion, color, age, sex or national origin.

The University of Alabama at Birmingham (UAB) is one of the premier research universities in the US with internationally recognized programs in AIDS & bacterial pathogenesis, bone biology & disease, cancer, diabetes & digestive & kidney diseases, free radical biology, immunology, lung disease, neuroscience, trauma & inflammation, and basic & clinical vision science, among others. UAB is committed to the development of outstanding postdoctoral scientists and has been consistently ranked in recent years as one of the top locations among US universities for training postdoctoral scholars.

UAB is recruiting candidates for postdoctoral positions in a variety of research areas. UAB faculty are well funded (top 25 in NIH funding), utilize multidisciplinary approaches, and provide excellent research training environments that can lead exceptional candidates to entry level positions in academia, government or the private sector. Full medical coverage (single or family), competitive salaries/stipends, sick leave, vacation, and maternity/paternity leave are offered with every position as well as AD&D, disability and life insurance. Depending on the source of funding, retirement benefits may also be available. Birmingham is a mid-size city centrally located in the southeast near beaches and mountains and enjoys a moderate climate for year round outdoor activities and a cost of living rate lower than most metropolitan areas.

Visit our website at www.uab.edu/postdocs for more information or to view positions. See info also on MERIT Program, an NIH IRACDA program. Send your CV to the contact name for the position that you are interested. University of Alabama at Birmingham, Office of Postdoctoral Education, 205-975-7020

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The laboratory of Dr. Atul Butte at Stanford Medical School is seeking highly motivated investigators to develop and study novel approaches in data-driven biomedical research to discover new biomarkers, therapeutics, and to revolutionize health and health-care. Post-doctoral fellowships are fully funded for at least 2 years.

Ideal candidates will have an M.D. and/or Ph.D. with a strong background in bioinformatics, computational biology, biostatistics, and genomics, excellent communication and programming skills, and a great publication record.

Strong problem-solving skills, creative thinking, and the ability to build new software tools as needed are required. A dual background in both computation and molecular biology or medicine or pharmacology will be a strong plus. Prior experience with genetic, microarray, drug, or clinical databases, text-mining, knowledge representation, or parallel computing platforms is a plus. Applicants must possess good communication skills and be fluent in both spoken and written English.

This exciting work will be guided by multidisciplinary collaborations with top scientists in stem-cell, immunology, diabetes, and cancer biology research at Stanford.

To apply, please send your CV, a brief statement of research interests, and contact information for three references. E-mail: butte-lab-jobs@lists.stanford.edu

The EGL Charitable Foundation
invites you to apply to the
Gruss Lipper Post-Doctoral Fellowship Program

Eligibility
- Israeli citizenship
- Candidates must have completed PhD and/or MD/PhD degrees in the Biomedical Sciences at an accredited Israeli University/Medical School or be in their final year of study
- Candidates must have been awarded a postdoctoral position in the U.S. host research institution.

Details regarding the fellowship are available at www.eglcf.org

UAB is an Equal Employment Opportunity Employer.
**The Argonne Named Fellowship Program**

Argonne National Laboratory is accepting applications for the 2015 Named Fellowship. Argonne awards these special fellowships internationally on an annual basis to outstanding doctoral-level scientists and engineers who are at early points in promising careers. The fellowships are named after scientific and technical luminaries who have been associated with Argonne and its predecessors, and the University of Chicago, since the 1940’s. Candidates for these fellowships must display superb ability in scientific or engineering research, and must show definite promise of becoming outstanding leaders in their fields. Fellowships are awarded annually and may be renewed up to three years. The 2015 fellowship carries a highly competitive salary with an additional allocation research support and travel. The deadline for submission of application materials is October 7, 2014. Applicants should identify an Argonne staff member to sponsor the nomination. The sponsor could be someone who is already familiar with your research work and accomplishments through previous collaborations or professional societies. If you have not yet identified an Argonne sponsor, visit the detailed websites of the various research efforts at www.anl.gov/science.

Applications must be submitted online through: [http://www.anl.gov/careers/apply-job](http://www.anl.gov/careers/apply-job). Correspondence and supporting letters of recommendation should be submitted to [Named-Postdoc@anl.gov](mailto:Named-Postdoc@anl.gov).

For more information visit the Argonne Postdoc Blog at [https://blogs.anl.gov/postdoc/](https://blogs.anl.gov/postdoc/) or by contacting the Postdoctoral Program Coordinator, Kristene Henne at [k henne@anl.gov](mailto:k henne@anl.gov).

Argonne is an equal opportunity employer and we value diversity in our workforce. Argonne is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC.

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**AAAS Award for Science Diplomacy**

Many scientists and engineers contribute valuable time away from the established career paths of research, teaching, and publishing to foster activities and develop programs that both address key science questions and build important societal links. AAAS seeks to recognize an individual or a limited number of individuals working together in the scientific or engineering community for making an outstanding contribution to furthering science diplomacy.

The recipient receives US $5,000 award, a commemorative plaque, complimentary registration, and reimbursement for reasonable travel and hotel expenses.

The award is open to all regardless of nationality or citizenship. Nominees must be living at the time of their nomination. Please visit [http://www.aaas.org/aboutaaas/awards/int](http://www.aaas.org/aboutaaas/awards/int) for more information and nomination instructions.

All materials must be received by September 1.

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**Two Faculty Career Features**

- **September 12, 2014**
  - Reserve ads by August 26 to guarantee space *

- **October 3, 2014**
  - Reserve ads by September 16 to guarantee space**

**Hiring Faculty? The Sept. 12 feature** offers advice for faculty who are working with professionals in different industries/government/academic cultures. The **Oct. 3 feature** explores how faculty can best collaborate with professionals in different cultures and countries.

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*Ads accepted until September 5 if space is still available.

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— Kevin Haninger, PhD, Psychology, 2009-11 Executive Branch Fellow

MAKE A DIFFERENCE. TRANSFORM YOUR CAREER.

Apply your scientific analysis and technical knowledge to inform policy through assignments in the Legislative, Executive and Judicial Branches.

Stipends from $75,000 to $100,000. Applications due November 1.

Details at: aaas.org/policy-fellowships/science1

Enhancing Policy, Transforming Careers
Tenure Track Faculty Position in Single Cell Genomics

The University of Connecticut School of Medicine (UConnSoM) and the Jackson Laboratory (JAX) are jointly seeking to recruit an outstanding individual with expertise in genomics and/or computational genomics for a tenure-track faculty position at the Assistant, Associate or Full Professor level. We are seeking an individual with a strong background in single cell profiling and data analyses and applying such technology to research in areas such as stem cells, immunology, neuroscience or reproductive biology.

UConnSoM has exceptionally strong translational and clinical research programs in many areas including genetics, computational cell biology, quantitative medicine and human pluripotent stem cells. JAX is a world-leader in the genetic analysis of mouse models of human disease and has recently established The Jackson Laboratory for Genomic Medicine (JAX-GM; www.jax.org/ct) in Farmington, Connecticut. The successful candidate will hold a tenure track appointment in the appropriate academic Department in the UConnSoM and a faculty appointment at JAX-GM. S/he will also be cross appointed with the University of Connecticut Institute for Systems Genomics. This unique rich combination of research capabilities in a very dynamic and emerging environment provides the new faculty recruit with an opportunity to create a truly transformative research program. The candidate should be a consummate team player in a highly interdisciplinary and dynamic environment that brings together clinicians, biologists, molecular geneticists, and quantitative scientists.

JAX-GM represents an expansion of JAX and draws on the Laboratory’s eight decades of research in mammalian genetics. JAX will continue to grow its basic research campus in Bar Harbor, Maine, while the new facility in Farmington, Connecticut focuses on medical applications of genomics with academic and clinical research partners from Connecticut and around the world. The 183,500-square-foot JAX-GM facility will open in October 2014 and will house 300 biomedical researchers, technicians and support staff in state-of-the-art computing facilities and laboratories.

UConnSoM is engaged in a major expansion of its research programs in computational biology, bioinformatics, and systems biology/genomics, as part of several transformative state initiatives. The Bioscience Connecticut initiative, totaling approx. $1 billion, will expand UConnSoM research capabilities. Other initiatives, totaling over $2 billion, include the Next Generation Connecticut initiative at the main campus in Storrs, expanding the overall research efforts of the University. The Institute for Systems Genomics has also been formed to integrate the genomics activities across the University of Connecticut and JAX including the establishment of the new joint Center for Single Cell Genomics.

Minimum qualifications include a doctoral degree in an appropriate field, postdoctoral experience, and an outstanding record of research accomplishments. Equivalent foreign degrees are acceptable. A demonstrated ability to secure external research funding and publication in top peer-reviewed journals is expected. Preferred qualifications include the ability to contribute through research, teaching, outreach and public genomic literacy engagement to the diversity and excellence of the learning experience, and to perform research in an area that develops and complements ongoing efforts in the Institute and the University.

Applicants should apply at https://jobs.uchc.edu, search (2014-1059) with a CV, cover letter and concise statements of research and teaching interests. In addition, applicants should arrange to have at least three letters of reference sent to Dr. Marc Lalande at statgenuconn@uchc.edu as a PDF document on letterhead with signature. To ensure full consideration, applications should be received by October 1, 2014.

Affirmative Action/Equal Opportunity Employer (M/F/M/Fw/PV)

Tenure Track Faculty Position in Computational/Systems Genomics

The University of Connecticut School of Medicine and the Jackson Laboratory (JAX) are jointly seeking to recruit an outstanding individual with expertise in computational and systems genomics for a tenure-track faculty position at the Assistant, Associate or Full Professor level. Areas of interest include, but are not limited to, computational and systems genomics, network biology, cutting-edge analyses of large, population-scale exome data sets, whole genome analyses or human evolutionary genomics.

UConn Health has exceptionally strong translational and clinical research programs in many areas including genomics, computational cell biology, quantitative medicine and human pluripotent stem cells. The Jackson Laboratory is a world-leader in the genetic analysis of mouse models of human disease and has recently established The Jackson Laboratory for Genomic Medicine (JAX-GM; www.jax.org/ct) in Farmington, Connecticut. The successful candidate will hold a tenure track appointment in the appropriate academic Department at UCH and a faculty appointment at JAX-GM. S/he will also be cross appointed with the University of Connecticut Institute for Systems Genomics. The unique combination of rich research capabilities and a very dynamic and emerging environment provides an opportunity to create a truly transformative research program. The candidate should be a consummate team player in a highly interdisciplinary environment that brings together clinicians, biologists, molecular geneticists, and quantitative scientists.

The JAX-GM represents an expansion of JAX and draws on the Laboratory’s eight decades of research in mammalian genetics. JAX will continue to grow its basic research campus in Bar Harbor, Maine, while the new facility in Farmington, Connecticut focuses on medical applications of genomics with academic and clinical research partners from Connecticut and around the world. The 183,500-square-foot JAX-GM facility will open in October 2014 and will house 300 biomedical researchers, technicians and support staff in state-of-the-art computing facilities and laboratories.

UCH is engaged in a major expansion of its research programs in computational biology, bioinformatics, and systems biology/genomics, as part of several transformative state initiatives. The Bioscience Connecticut initiative, totaling approx. $1 billion, will expand UCH health care offerings and research capabilities. Other initiatives, totaling over $2 billion, include the Next Generation Connecticut initiative at the main campus in Storrs, expanding the overall research efforts of the University. The Institute for Systems Genomics has also been formed to integrate the genomics activities across the University of Connecticut and The Jackson Laboratory including the establishment of the new joint Center for Single Cell Genomics.

Minimum qualifications include a doctoral degree in an appropriate field, postdoctoral experience, and an outstanding record of research accomplishments. Equivalent foreign degrees are acceptable. A demonstrated ability to secure external research funding and publication in top peer-reviewed journals is expected. Preferred qualifications include the ability to contribute through research, teaching, outreach and public genomic literacy engagement to the diversity and excellence of the learning experience, and to perform research in an area that develops and complements ongoing efforts in the Institute and the University.

Applicants should apply at https://jobs.uchc.edu, search (2014-1057) with a CV, cover letter and concise statements of research and teaching interests. In addition, applicants should arrange to have at least three letters of reference sent to Dr. Brenton Graveley at Statgenuconn@uchc.edu as a PDF document on letterhead with signature. To ensure full consideration, applications should be received by October 1, 2014.

Affirmative Action/Equal Opportunity Employer (M/F/M/Pw/PV)
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Join us at www.tcd.ie/worldleaders

Expressions of interest by 17.00 GMT on Friday, 12th September 2014.
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 University has seven Colleges/Schools. As part of its pursuit of excellence, the University aims to recruit outstanding scholars from all over the world in various disciplines, including business, creative media, energy, engineering, environment, humanities, law, science, social sciences, veterinary sciences and other strategic growth areas.

Applications and nominations are invited for:

Dean [Ref. A/125/29]
College of Science and Engineering

The Position
Reporting to the Provost, the Dean will provide visionary, strategic leadership for the College. In alignment with the vision, mission and Strategic Plan of the University, in collaboration with the College’s faculty and other academic units, the Dean will advance the College’s academic excellence in research and professional education, and further its international standing.

The Person
The individual shall possess a doctorate degree with strong academic and professional qualifications, a distinguished record of teaching, research and scholarship, and substantial relevant experience in academic leadership roles: the vision and capability to build on and expand the College’s strengths; outstanding management effectiveness; commitment to interdisciplinary collaboration and teamwork; and strong communication and networking skills to build and nurture internal and external contacts to the benefit of the College.

Salary and Conditions of Service
The appointee will be offered appointment to an academic rank commensurate with qualifications and experience. The deanship appointment will be on a concurrent basis for an initial period of three years. Remuneration package will be attractive and driven by market competitiveness and individual performance. Excellent fringe benefits include gratuity, leave, medical and dental schemes, and relocation assistance (where applicable).

Information and Application
Further information on the post and the University is available at http://www.cityu.edu.hk.

City University of Hong Kong is being represented in this search by the Perrett Laver Ltd. Please send the nomination or application with a current curriculum vitae to Ms. Ilona MOTYER, Perrett Laver Ltd., 8-10 Great George Street, London SW1P 3AE or email to “ILONA.MOTYER@PERRETLAV/ER.COM” or upload at www.perrettlaw.com/candidates, quoting reference number 1502. Applications and nominations received before 19 September 2014 will receive full consideration. The University’s privacy policy is available on the homepage.

The University also offers a number of visiting positions for current graduate students, postdoctoral scholars, and for early-stage and established scholars, as described at http://www.cityu.edu.hk/provost/CityU_Visiting_Positions.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.

FRANKLIN & MARSHALL COLLEGE

PUBLIC HEALTH/EPIDEMIOLOGY

The Biology Department of Franklin & Marshall College invites applications for a tenure-track ASSISTANT PROFESSOR position in epidemiology and public health, beginning July 2015. Candidates should have the Ph.D. or terminal degree, demonstrated strengths in teaching and research, and broad interests in epidemiology and public health. The teaching load is 3/2, and responsibilities will include epidemiology, introduction to public health, and upper-level courses in the candidate’s area of specialization, with opportunities to contribute to our Biology curriculum. Individuals with the ability to teach introductory biostatistics are encouraged to apply. The successful candidate will be expected to engage undergraduates in research, and start-up support is available. Franklin & Marshall is a small (enrollment 2400), highly selective coeducational liberal arts college with a tradition of excellence in science and student research.

Applicants should arrange to have letters from three referees, a letter of application, curriculum vitae, copies of graduate transcripts, teaching evaluations, a statement of teaching philosophy, and a research statement that includes plans for actively engaging undergraduates in research submitted electronically to Dr. Janine Everett, Search Committee Chair, via http://apply.interfolio.com/25593. Priority will be given to complete applications received by September 26, 2014. Ph: 717-291-4118; e-mail: janice.kaufman@fandm.edu; websites: www.fandm.edu/biology and www.fandm.edu/public-health.

Franklin & Marshall College is committed to having an inclusive campus community where all members are treated with dignity and respect. As an Equal Opportunity Employer, the College does not discriminate in its hiring or employment practices on the basis of gender, race or ethnicity, color, national origin, religion, age, disability, family or marital status, or sexual orientation.

FACULTY POSITION IN CHEMISTRY
Department of Chemistry

MOLECULAR DESIGN INSTITUTE
ARTS AND SCIENCE

The Department of Chemistry at New York University (NYU) invites applications for a faculty position in experimental materials chemistry as part of its Molecular Design Institute. While we expect to hire at the junior level, exceptional senior level candidates will be considered. Candidates with a background and interest in polymer chemistry are encouraged to apply. The anticipated start date is September 1, 2015, pending budgetary and administrative approval. The Department of Chemistry at NYU is implementing a significant growth plan, including the creation of the Biomedical Chemistry Institute, the Molecular Design Institute, the Laboratory for Molecular Nanoscience, and the addition of numerous senior and junior faculty members.

In addition to establishing a vigorous research program, duties will include undergraduate and graduate teaching. Applicants should have an outstanding record of research and a commitment to teaching. Applications must include a curriculum vitae, a list of publications, and statements of future research and teaching plans. These materials, as well as three reference letters, must be submitted to our web-based application system using the following link: http://chemistry.fas.nyu.edu/object/chem.nyufacultypositions.

Application review will begin October 15, 2014. Questions about this position can be sent by Email to chemistry.search@nyu.edu.

NEW YORK UNIVERSITY

NYU is an Equal Opportunity/Affirmative Action Employer.
Can you lead Sweden’s largest center for life sciences?

SciLifeLab seeks an ambitious Director who can lead the scientific, technological and structural development of the center. We are looking for someone with extensive experience in both large-scale molecular biosciences and hypothesis-driven research; a person highly motivated to create a scientific, multidisciplinary and cutting-edge national center.

The position begins July 1st 2015 and is a six-year appointment as Director of SciLifeLab, which can be combined with a professorship at any of the four host universities. The appointment includes a significant research grant and start-up package.

Learn more about the position at www.scilifelab.se/director

SciLifeLab (Science for Life Laboratory) is a national resource for large-scale bioscience research with a focus on health and environment. The center is run collaboratively between Karolinska Institutet, KTH Royal Institute of Technology, Stockholm University and Uppsala University. Today, approximately 1,500 people work at the center’s two sites in Stockholm and Uppsala.
HEAD AND PROFESSOR
Department of Mechanical Science and Engineering
University of Illinois at Urbana-Champaign

The University of Illinois at Urbana-Champaign invites applications and nominations for the position of Head of the Department of Mechanical Science and Engineering (MechSE). The MechSE Department at Illinois is a leader in mechanical engineering and theoretical & applied mechanics education and research, with programs consistently ranked in the top five nationally, and approximately $24 million of externally funded research per year. The Department Head is a tenured full Professor and serves as the chief executive officer, responsible for all administrative, budgetary, hiring, and promotion decisions. The search committee seeks candidates with a distinguished record of achievement and nationally recognized for their research excellence, leadership, and scholarship. Further details about the MechSE Department and the position can be found at meachine.illinois.edu/about/us/departments-head-search.

The desired start date is January 16, 2015, or as soon as possible thereafter. Applications should be received by October 1, 2014, for full consideration, but applications will be accepted until the position is filled. Please apply at jobs.illinois.edu.

Nominations for this position are also encouraged. Nominations should be in the form of a brief letter detailing the accomplishments of the nominee. Nominations and questions regarding the position of Department Head should be addressed to the chair of the search committee: Prof. David Cahill, Email: d-cahill@illinois.edu

The University of Tennessee
College of Pharmacy
Medicinal Chemistry Faculty Position

The Department of Pharmaceutical Sciences in the College of Pharmacy at the University of Tennessee Health Science Center in Memphis, TN, is seeking applications for a twelve-month full-time, tenure-track faculty position at the full, associate, or assistant professor level that is state supported. The successful candidate is expected to devote a major effort to research. The applicant should have core expertise in medicinal chemistry, or related discipline such as structural biology focused on drug discovery and development. Candidates with a well-funded program in cancer, diabetes, antibiotics, drug delivery, nano-medicine, nano-technology, bio-imaging, or lipid research are highly encouraged to apply. The successful candidate is expected to have a Ph.D. or equivalent degree, the ability to acquire sustained external, investigator-initiated funding, including National Institutes of Health principal investigator funding, a commitment to excellence in teaching, and excellent oral and written communication skills.

Applications will be processed until the position is filled. Please submit curriculum vitae, summary of research interests, and contact information of three references to: Duane D. Miller, Ph.D. Professor and Chair Department of Pharmaceutical Sciences, Chair of Medicinal Faculty Search Committee, Department of Pharmaceutical Sciences, 881 Madison Avenue, Room 435, Memphis, TN 38163.

The University of Tennessee Health Science Center is located in Memphis, TN, an economically vibrant center, with a metropolitan population of more than 1.3 million, reflecting the richness along the bluffs of the mighty Mississippi River. The College of Pharmacy is located in a new, 187,000 square-foot building on the Health Science Center complex.

The University of Tennessee Health Science Center is an Equal Opportunity/Affirmative Action Employer.
KU Leuven Biomedical Sciences invites applicants for several senior academic staff positions (m/f)

- Health economics
- Proton therapy and pre-clinical high precision image-guided radiotherapy
- Fundamental/Translational research in oncology
- Synthetic biology
- Morphology and molecular pathology
- Cardiovascular rehabilitation
- Musculoskeletal rehabilitation
- Crystallography and modelling of multi-enzyme complexes in virology
- Pharmacometrics
- Microbiological bioinformatics
- Pre-clinical multimodal imaging
- Insurance medicine
- Development of innovative radiotracers for molecular imaging and/or radionuclide therapy (research senior academic staff Bijzonder Onderzoeksfonds)
- Systems biology in cellular and molecular medicine (research senior academic staff Bijzonder Onderzoeksfonds)

For more information about these vacancies:
https://gbiomed.kuleuven.be/english/career-opportunities-1/career-opportunities

Discover yourself, start with your job.

The University of Leuven pursues a policy of equal opportunity and diversity.

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**FACULTY POSITION IN CHEMISTRY**

Department of Chemistry

**BIOMEDICAL CHEMISTRY INSTITUTE**

**ARTS AND SCIENCE**

The Department of Chemistry at New York University (NYU) invites applications for a tenure-stream faculty position in synthetic organic chemistry as part of its Biomedical Chemistry Institute. While we expect to hire at the junior level, exceptional senior level candidates will be considered. The anticipated start date is September 1, 2015, pending budgetary and administrative approval. The Department of Chemistry at NYU is implementing a significant growth plan, including the creation of the Biomedical Chemistry Institute, the Molecular Design Institute, the Laboratory for Molecular Nanoscience, and the addition of numerous senior and junior faculty members.

In addition to establishing a vigorous research program, duties will include undergraduate and graduate teaching. Applicants should have an outstanding record of research and a commitment to teaching. Applications must include a curriculum vitae, a list of publications, and statements of future research and teaching plans. These materials, as well as three reference letters, must be submitted to our web-based application system using the following link: http://chemistry.fas.nyu.edu/object/chem.nyufacultypositions.

Application review will begin October 15, 2014. Questions about this position can be sent by Email to chemistry.search@nyu.edu.

NYU is an Equal Opportunity/Affirmative Action Employer.

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**FACULTY POSITION IN CHEMISTRY**

Department of Chemistry

**LABORATORY FOR MOLECULAR NANOSCIENCE**

**ARTS AND SCIENCE**

The Department of Chemistry at New York University (NYU) invites applications for a tenure-stream faculty position in experimental physical, biophysical, or inorganic chemistry as part of its Laboratory for Molecular Nanoscience. While we expect to hire at the junior level, exceptional senior level candidates will be considered. The anticipated start date is September 1, 2015, pending budgetary and administrative approval. The Department of Chemistry at NYU is implementing a significant growth plan, including the creation of the Biomedical Chemistry Institute, the Molecular Design Institute, and the addition of numerous senior and junior faculty members.

In addition to establishing a vigorous research program, duties will include undergraduate and graduate teaching. Applicants should have an outstanding record of research and a commitment to teaching. Applications must include a curriculum vitae, a list of publications, and statements of future research and teaching plans. These materials, as well as three reference letters, must be submitted to our web-based application system using the following link: http://chemistry.fas.nyu.edu/object/chem.nyufacultypositions.

Application review will begin October 15, 2014. Questions about this position can be sent by Email to chemistry.search@nyu.edu.

NYU is an Equal Opportunity/Affirmative Action Employer.
FACULTY POSITION in Molecular Physiology and Metabolic Disease

The Duke Molecular Physiology Institute (DMPI) at Duke University Medical Center is partnering with the Department of Medicine, Division of Endocrinology, Nutrition, and Metabolism to recruit outstanding basic scientists to develop a nationally competitive research program relevant to nutrition, fuel homeostasis, and regulation of metabolism. Applications will be considered at the ASSOCIATE PROFESSOR level. The ideal candidate will have strong training in basic sciences and a demonstrated interest in molecular mechanisms of chronic metabolic disorders or conditions such as obesity, diabetes, cardiovascular disease, and aging. Although candidates with expertise in all areas of metabolic research will be considered, preference will be given to those with experience in neuroendocrine circuitry and Central Nervous System control of metabolism, or application of mass spectrometry combined with 13C tracer methodologies for assessment of metabolic flux. This position offers a vibrant and highly interactive academic setting, competitive startup funds, space in a new state-of-the-art research facility, access to outstanding technology platforms, and strong, collaborative faculty colleagues in both the clinical and basic sciences. Minimal qualifications for the position are the M.D. or Ph.D. degree and three years of postdoctoral research experience. Interested candidates should submit application materials including cover letter, curriculum vitae, statement of accomplishments and future research goals (three-page limit), electronic reprints of up to three recent articles, and three letters of reference provided. Materials should be addressed to Dr. Deborah Muoio, Faculty Search Committee, and submitted electronically to e-mail: kristy.thompson@duke.edu.

To ensure full consideration, the application materials must be received by October 15, 2014, but the committee will continue to accept applications until the position is filled.

ASSISTANT PROFESSOR in Population Genetics

The Department of Ecology and Evolutionary Biology at the University of Colorado, Boulder invites applications for an Assistant Professor in Population Genetics. We are especially interested in individuals using genomic data for investigating microevolution. The successful candidate will contribute to research, mentoring, and teaching at graduate and undergraduate levels and will be expected to develop an externally funded research program. To apply, please collate the following into a single PDF file: cover letter, curriculum vitae, a list of at least three references and their contact information, and no more than four pages total on research, mentoring, and teaching. Submit application materials electronically at website: https://www.jobsatcu.com (F01649) by October 15, 2014. The University of Colorado is an Equal Opportunity/Affirmative Action Employer committed to building a diverse workforce. We encourage applications from women, racial and ethnic minorities, individuals with disabilities and veterans. Alternative formats of this ad can be provided upon request for individuals with disabilities by contacting the ADA Coordinator at website: http://hr-ada@colorado.edu.

COMPUTATIONAL BIOLOGIST Assistant/Associate/Full Professor

Biochemistry and Molecular Biology

The Biochemistry and Molecular Biology (BCMB) program seeks to fill a tenure-track position, starting in August 2015. Primary responsibilities will be to develop a computational biology course, contribute to introductory and intermediate courses in the Biology and BCMB majors, participate in the College’s First Year Seminar Program, and mentor undergraduates in our nationally recognized senior research program. Ph.D. and postdoctoral research required; some teaching experience preferred.

Send cover letter, curriculum vitae, undergraduate and graduate transcripts, a two-page summary of research plans, and a one-page statement describing approach in teaching and supervising student research in an undergraduate liberal arts setting to e-mail: biology@wooster.edu. Three letters of recommendation should also be provided under separate cover. Address questions regarding the position to Dean Fraga (e-mail: biology@wooster.edu), Chair of BCMB. Review of applications will begin October 1, 2014 and continue until the position is filled.

Wooster seeks to ensure diversity in its policy of employing persons without regard to age, sex, color, race, creed, religion, national origin, disability, veteran status, sexual orientation, or political affiliation. The College of Wooster is an Equal Opportunity/Affirmative Action Employer.
FACULTY POSITION
NEUROBIOLOGY

The Department of Neurobiology and Anatomy at The University of Texas Medical School at Houston invites applications for a tenure-track appointment in the broad area of circuit neuroscience. We particularly encourage applications from candidates who employ novel computational or experimental techniques including electrophysiology, imaging, and viral approaches to record, manipulate, and analyze in vivo neuronal activity with single-cell resolution. Applications at both junior and senior levels will be considered, with rank dependent on experience and qualifications. We are located within the Texas Medical Center and its very rich and collaborative neuroscience community including Baylor College of Medicine, Rice University and the University of Houston.

Individuals will be expected to develop a strong, independent research program and contribute to our departmental teaching mission. Interested applicants should submit electronically their curriculum vitae, a statement of their research and teaching interests, and the names of four references through our online application system at https://jobs.uth.tmc.edu. The position will remain open until a suitable candidate is identified.

UTHealth is an EEO/AA Employer. UTHealth does not discriminate on the basis of race, color, religion, gender, sexual orientation, national origin, genetics, disability, age, or any other basis prohibited by law. EO/M/F/Disabled/Vet.

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IMMUNOLOGIST
Tenure-Track Faculty Position
Biology Department

The Biology Department at Williams College, a premier liberal arts college with a long-standing tradition of excellence in the sciences, invites applications for a tenure-track position at the rank of Assistant Professor to begin July 2015. We seek a broadly trained immunologist who will teach upper level courses in his or her area of specialty and contribute to our introductory course in cellular and molecular biology. The individual will advise undergraduates in research and participate in interdisciplinary programs in biochemistry & molecular biology, and/or bioinformatics, genomics and proteomics. Normally, faculty members teach one course and two associated laboratory sections (or the equivalent) each semester. A vibrant research program that is attractive to extramural funding agencies and involves talented undergraduates is expected. Start-up funds and internal funding for research are available. A Ph.D., postdoctoral experience, and a strong research record are required. We anticipate the appointment at the beginning assistant professor level, although more senior appointments are possible under special circumstances.

All applications should be submitted through Interfolio: http://apply.interfolio.com/25516. Email and paper applications will not be accepted. Through Interfolio submit: a letter of application addressed to Professor Steve Swope (department chair), a curriculum vitae, statements of teaching and research plans, and three current letters of recommendation. All offers of employment are contingent upon completion of a background check: http://faculty.williams.edu/prospective-faculty/background-check-policy/. Application deadline is October 10, 2014.

Williams College is a coeducational liberal arts institution located in the culturally rich Berkshire Hills area of western Massachusetts with easy access to the cities of Albany, Boston, and New York City. The College is committed to building and supporting a diverse population of approximately 2,000 students, and to fostering an inclusive faculty, staff and curriculum. Williams has built its reputation on outstanding teaching and scholarship and on the academic excellence of its students. Please visit the Williams College website (http://www.williams.edu) and the Williams Biology website (http://biology.williams.edu). Beyond meeting fully its legal obligations for non-discrimination, Williams College is committed to building a diverse and inclusive community where members from all backgrounds can live, learn, and thrive.