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Looking for neuroscientists? Here’s how Science can help:

Content: Our Careers in Neuroscience feature focuses on neurodegenerative and psychiatric disorders. Scientists will read this feature eager to learn about what skill sets are in demand and what organizations are focusing on these areas.

Reach: As a recruiting partner, Science Careers delivers a worldwide circulation of over 700,000 readers in print with thousands more online. 30% of our readers’ primary work or interest = neuroscience.

Bonus Distributions to:
- Society for Neuroscience, October 13–17, New Orleans, LA
- NIH Fall Research Festival, October 11–12, Bethesda, MD
- NeuroJobs Career Fair, October 13, New Orleans, LA

Results: When it comes to finding the right researcher, Science offers a simple formula: relevant content that spotlights your ad + a large, qualified audience = your hiring success.

Find your next hire in our October 5 feature

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Customized packages to correspond with this special feature are available

For recruitment in science, there’s only one Science

Produced by the Science/AAAS Custom Publishing Office
The Division of Biological Sciences at the University of California San Diego (www.biology.ucsd.edu) invites applications from outstanding candidates for multiple tenure-track or tenured faculty positions. All candidates must have earned a Ph.D., or equivalent degree, and be committed to teaching at the undergraduate and graduate levels. Preference will be given to scholars with demonstrated excellence and creativity in research, scholarship, and a commitment to equity and inclusion in higher education. The following positions are part of a multi-year faculty hiring program at junior and senior levels.

**Gene Expression and Epigenetics (10-489):** The Section of Molecular Biology invites applications for a tenure-track faculty position in Gene Expression and Epigenetics at the Assistant Professor level. Candidates pursuing innovative research on the mechanisms of eukaryotic gene expression, particularly in the area of epigenetics and epigenomics are encouraged to apply. Potential areas of interest include but are not limited to transcription, translation, mRNA stability, mRNA splicing and processing, chromatin dynamics, histone variants and modifications, non-histone chromosomal proteins, histone exchange and turnover, nuclear organization, and RNA-based mechanisms of regulation.

**Neurobiology (10-490):** The Section of Neurobiology invites applications for a faculty position at the tenure-track Assistant, Associate, or Full Professor level. Candidates at the Assistant or Associate level are expected to have a strong research program in cellular and molecular neurosciences, and to complement existing strengths in the Section of Neurobiology. Candidates at the senior level can come from any area of neuroscience and may be considered for a joint appointment in the Department of Neurosciences at the School of Medicine.

**Plant Biology (10-492):** The Section of Cell and Developmental Biology invites applications for a tenure-track faculty position in Plant Biology at the Assistant Professor level. Candidates pursuing innovative research in areas including, but not limited to, signaling, growth and development, cell biology, plant-microbe interactions, natural variation, and comparative and quantitative genomics are encouraged to apply.

**Systems/Quantitative Developmental Biology (10-491):** The Section of Cell and Developmental Biology invites applications for a faculty position in Developmental Biology at the tenure-track Assistant Professor or Associate Professor level. Candidates pursuing innovative research using systems, quantitative or dynamical approaches to investigate the generation, regeneration, or maintenance of a particular cell type, tissue, or organ are encouraged to apply.

Review of applications will commence by November 1, 2012 and will continue until all the positions are filled. Interested applicants must submit a cover letter, curriculum vitae, statement of research, statement of teaching, a statement describing their past experience and leadership in fostering equity and diversity and/or their potential to make future contributions, 3-5 publications, and contact information for 3-5 references. Applications must be submitted through the University of California San Diego’s Academic Personnel RECRUIT System at https://apol-recruit.ucsd.edu/. Further details about the required application material can be found at: http://biology.ucsd.edu/jobs/ladder_info.html.

The Division of Biological Sciences at UCSD is a vibrant center of scientific discovery, innovation, and collaboration. Our large research base spans many areas of biology and has one of the most celebrated graduate programs in the country. We are committed to academic excellence and diversity within the faculty, staff, and student body. This is where discovery comes to life.

*UCSD is an Equal Opportunity/Affirmative Action Employer with a strong institutional commitment to excellence and diversity (http://diversity.ucsd.edu/).*
Faculty

Finding Balance: The Professor/Entrepreneur

The science of biology is one thing but the science of business is another animal all together. For academics who recognize that their discovery or innovation can be commercialized into a product or service for which people will actually pay, the promise of entrepreneurial endeavors can be exhilarating and confounding at the same time. Issues of intellectual property ownership, human resources protocols, and time management, as well as the challenge of keeping a delineated barrier between professorial and business activities can be difficult to manage, but these concerns shouldn’t prevent academics from seeking to create a startup company. The key is to find avenues to balance the two worlds so that scientists can still continue to excel in what they do best and enjoy most—research and discovery.

By Alaina G. Levine

“Students see the passion we bring for science and entrepreneurship and it’s easier for them to see themselves doing it too.” —Gregory Phelan

KNOW YOUR PRIORITIES

Omid Farokhzad has been involved with three startups and holds 60 patents, and still manages a prolific laboratory of 25 people in nanomedicine and biomaterials at Brigham and Women’s Hospital in Boston. The Harvard Medical School associate professor of anesthesiology completed his postdoc in a group headed by MIT’s Robert Langer, where “the mindset of doing translational work was part of my training,” he says. So commercializing technology while contributing to the academic enterprise was a natural part of his genesis as a scientific leader.

But not every scientist has the luxury of learning about patents and products from their postdoc principal investigator. When Dave Berque, a professor of computer science at DePauw University, started as an entrepreneur, “I was uncomfortable at first. I wondered if it is appropriate for an academic to have products that spin off research,” he shares. But soon he found himself at ease with the process of becoming an entrepreneur, he says, because this is similar to the “textbook publication model that has been long-accepted in academia, as a way of blending scholarly and commercial activities.”

If you are a professor who ponders whether your research can be developed into a technology that can be commercialized, your initial step should be to ponder your priorities. Do you want to stay in academia? Do you desire a career in industry? Deciding these choices early on, even before the lawyers and university representatives get involved, is crucial to forging a balance and a satisfying career.

Farokhzad says part of the reason he has been successful is because he recognized that “my primary goal is to be an academic, and I don’t have any desire to run any of these companies.”

FIGURING OUT WHAT PATH TO TAKE

For every innovation that an academic thinks has market potential, there are seemingly endless ways of transferring that invention into a business. From weaving a multilayered licensing deal, to launching a company, to selling the technology outright, the dizzying array of entrepreneurial outlets can be unfamiliar territory for a professor whose training has been spent in the lab.

To wrangle the options and make it through the multiverse of marketing and manufacturing without sacrificing professorial duties, an academic’s initial stop should be their institution’s office of technology transfer (OTT).

The key is creating complete transparency from the start, suggests Adam G. Marsh, associate professor of marine biological science at the University of Delaware. Ensure the university knows what you are doing, and “make sure the university is happy with what you’re doing,” he advises. Get to know your institution’s human resources regulations and how they may impact your work in the private sector. For example, at Marsh’s institution, there are restrictions on how much time a professor can consult for an outside organization, he says. And there is also a rule that a faculty member can’t work for another company while employed at the university, a

UPCOMING FEATURES

Top Employers Survey—September 21 (online); October 19 (print)
China Regional Focus—September 28
European Regional Focus—November 9

1368 www.sciencecareers.org
The NIH Intramural Research Program is Recruiting Tenure-Track “Earl Stadtman Investigators”

The National Institutes of Health, the U.S. government’s premier biomedical and behavioral research enterprise, is pleased to announce its fourth annual call for “NIH Earl Stadtman Investigators.” Scientific discoveries from our intramural laboratories, with their extensive infrastructure and critical mass of expertise, have a crucial role in both maintaining America’s research excellence and advancing medical treatments and cures.

Come join the team whose hallmarks are stable funding, intellectual freedom, shared resources, and access to a broad range of scientific expertise. We seek creative and independent thinkers eager to take on high-risk, high-impact research in tenure-track positions.

A variety of basic and translational/clinical positions are available, with areas of active recruitment including (but not limited to): Biostatistics/Bioinformatics; Chromatin Biology/Epigenetics; DNA Replication, Repair and Recombination; Molecular Epidemiology and Population Genetics; Molecular Immunology; Molecular Pharmacology and Toxicology; Neuroscience; Population Science; Stem Cells/IPS Cells; Structural Biology and Systems Biology; and Virology.

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Who we are: Among our approximately 1,200 principal investigators and 4,000 trainees are world-renowned experts in basic, translational and clinical research. Our strength is our diversity in pursuit of a common goal, to alleviate human suffering from disease. Similar to academia, we offer our scientists the opportunity to mentor outstanding trainees at all levels (e.g., graduate students and postdoctoral fellows) in a research setting.

Whom we seek: For this broad, trans-NIH recruitment effort, we seek talented, early-career scientists with a clear and creative research vision who wish to contribute to the nation’s health.

Qualifications/eligibility: Candidates must have an M.D., Ph.D., D.D.S./D.M.D., D.V.M, D.O., R.N./Ph.D., or equivalent doctoral degree and have an outstanding record of research accomplishments as evidenced by publications in major peer-reviewed journals. Applicants may be in early stages of their research careers or non-tenured early-to-mid career scientists. Appointees may be U.S. citizens, resident aliens, or non-resident aliens with, or eligible to obtain, a valid employment-authorization visa.

How to apply: Applicants must submit a CV, a three-page research plan, a one-page description of their vision for future research and its potential impact, and contact information for three professional references through our online application system at http://irp.nih.gov/stadtman between August 1 and October 1, 2012. You will be asked to designate a primary and secondary scientific area of expertise to aid in assigning your application to the appropriate review committee. Requests for letters of recommendation will be sent to your references when you submit your application. Reference letters will be accepted via upload to the website until 11:59 p.m. EDT October 15, 2012. We cannot accept paper applications.

What to expect: Search committees of subject-matter experts will review and evaluate applicants based on the following criteria: publication record, scientific vision and potential scientific impact of current and proposed research, demonstrated independence, awards and references. The committees will identify the most highly qualified candidates to invite to the NIH for a lecture in November or December 2012, which will be open to the NIH scientific staff, and for subsequent interviews with the search committees. The search committee chairs and NIH Scientific Directors, who lead our intramural programs, will identify finalists to be recruited as Earl Stadtman Investigators. Candidates not selected as Stadtman finalists can still be considered for other open NIH research positions. The entire process from application review to job offer may take several months, depending on the volume of applications.

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We call upon individuals who will open our eyes to possibilities we haven’t yet envisioned, to complement our scientific mission and enhance our research efforts. More information about our program is at http://irp.nih.gov. The inspiring story of Earl and Thressa Stadtman’s research at the NIH is at http://history.nih.gov/exhibits/stadtman. Specific questions regarding this recruitment effort may be directed to Dr. Roland Owens, Assistant Director, NIH Office of Intramural Research, at owensrol@mail.nih.gov. DHHS and NIH are Equal Opportunity Employers.
Purdue University invites applications for six tenure-track faculty positions in a research cluster centered on Prevention of Chronic Disease/Public Health at the Assistant Professor level or higher. Areas of interest include, but are not limited to, public health, epidemiology, health informatics, and health technology. Successful candidates will work collaboratively in an inter-disciplinary cohort to advance the new initiative in Public Health research and education at Purdue University. Qualified applicants in one or more of the areas listed below may apply to up to three of the following positions.

Four other positions will be selected from among the following Departments or joint appointment between Departments.

**School of Nursing**
One Associate or Full Professor position is available for a faculty member whose established program of research focuses on primary prevention of chronic disease, health promotion, and use of technology in promoting health communication and/or health behaviors.

**School of Health Sciences**
One Assistant or Associate Professor position is available. Areas of interest include, but are not limited to, environmental epidemiology with research focused on neurodegenerative diseases, carcinogenesis, or other chronic diseases resulting from environmental and occupational exposure to metals, pesticides, particulates, or physical agents.

**Department of Human Development and Family Studies**
One Assistant or Associate Professor position is available. Areas of interest include, but are not limited to, childhood obesity, health disparities, methodological and statistical approaches to public health, or family functioning and health.

**Department of Consumer Sciences and Retailing**
One Assistant or Associate position is available where the focus is on consumer behavior and consumer economics. Research areas that will be considered for this position include demographics, application of analytics and visualization to very large health-related data sets to model health behaviors for disease prevention, forecasting, and other consumer behavior and economics related to disease and public health.

**Department of Computer Information Technology**
One Assistant Professor position is available. Areas of interest include, but are not limited to, electronic health record, data and system security, computerized clinical decision support systems, electronic exchange of health information, and consumer health informatics computer applications.

**Department of Computer Graphics Technology**
One Assistant Professor position is available. Areas of interest include, but are not limited to, user interface design for healthcare and/or Healthcare Informatics applications, large scale health behavior patterns data mining and scientific visualizations, user-friendly mobile computing applications for patient homecare monitoring, innovative user interfaces for making Healthcare Informatics easily accessible to non-technical populations, information sharing among healthcare providers through informal communities using virtual community and social networking technology, alternate approaches for professional communications in Healthcare Informatics, simulation and gaming.

For information specific to each position go to: http://www.purdue.edu/discoverypark/ClusterHireinPublicHealth

Successful candidates will be expected to develop an internationally-recognized research program, interact with diverse faculty, staff and students across campus, contribute to the further development of prevention of chronic disease/public health as an area of excellence on the Purdue University campus, demonstrate excellence in teaching, and function as an active member of the departmental and university faculty. Purdue University is a large and vibrant life and health science community. Our faculty spans disciplines that include basic and social sciences, agriculture, veterinary medicine, pharmacy, and engineering. Faculty members also participate in interdisciplinary programs in health and human sciences.

Applicants should have a PhD or MD, post-doctoral experience depending on field of study, a strong publication record, the potential to develop a vigorous, extramurally-funded research program, and a commitment to research and teaching excellence. Applications should include in a single pdf file a cover letter, curriculum vitae, two-page summary of research interests, and a one-page teaching statement. Applications and three letters of recommendation should be submitted electronically to haan@purdue.edu. Screening of applications will begin upon receipt and will continue until the positions are filled.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.
EXCITING FACULTY OPPORTUNITIES IN CENTRAL MASSACHUSETTS

WPI

Worcester Polytechnic Institute
Tenure Track (Open Rank) in Bioinformatics

WPI invites applications for a tenure track (open rank) Professor position with a research focus in Bioinformatics to begin in the fall of 2012. The successful candidate will hold an academic appointment within Biology and Biotechnology, Computer Sciences, or Mathematical Sciences. Supported by the new Life Sciences and Bioengineering Center (LSBC) at Gateway Park, a state-of-the-art, interdisciplinary research facility, WPI is committed to further strengthening its capabilities in the Life Sciences arena. With the exceptional research environment at the LSBC, the successful candidate is expected to develop a robust, externally funded, high profile research program in bioinformatics or computational biology. Applicants should have a Ph.D. in Bioinformatics, Computer Sciences, Biology, Statistics, Mathematics, or a related area, and significant postdoctoral research experience. Resources for startup funding are competitive and commensurate with research experience and accomplishments.

Founded in 1865, WPI is one of the nation’s first technological universities. A highly selective private university located within an hour of Boston, WPI is consistently ranked among the top 60 research institutions by US News & World Report. The university is home to an innovative and intensive project-based curriculum that empowers students with the knowledge and skills to address real world problems around the globe, an approach repeatedly cited for excellence by The Fiske Guide to Colleges and The Princeton Review. WPI offers exceptional teaching and research opportunities, as well as opportunities for collaboration within the university and with our colleagues at the University of Massachusetts Medical School.

Requirements: Applicants should submit a single pdf-formatted file including a cover letter, curriculum vitae, a statement of accomplishments and future priorities in research and teaching, and a list of three references (with contact information). Applications should be sent to Bioinformaticsfaculty-search@wpi.edu. Review of applications will be conducted on a rolling basis and continue until the position is filled.

To learn more about WPI including additional openings in research areas around big data and analytics, please visit http://www.wpi.edu/academics.

To enrich education through diversity, WPI is an Affirmative Action, Equal Opportunity Employer. A member of the Colleges of Worcester Consortium.

UMASS

Program in Bioinformatics and Integrative Biology

The Program in Bioinformatics and Integrative Biology at University of Massachusetts (UMASS) Medical School invites applications for tenure-track or senior tenured professor positions. We are seeking innovative, energetic and collaborative individuals who plan to develop strong computational research programs to tackle problems in one of the following areas: regulatory genomics, comparative genomics, systems biology, RNA biology, evolutionary biology, statistical genetics, or proteomics. Exceptionally strong candidates in other computational biology areas will also be considered. Wet bench research space can be arranged for individuals who are interested in performing experiments to augment their computational efforts.

The Program in Bioinformatics and Integrative Biology is housed in the new state-of-the-art Albert Sherman building next to Program in Systems Biology and the RNA Therapeutics Institute. The closely collaborating Program in Gene Function and Expression, Program in Molecular Medicine, and Department of Biochemistry and Molecular Pharmacology are located in neighboring buildings. The Program is supported by high-performance computing facilities. Salary and start-up package will be highly competitive and commensurate with the high level of accomplishment expected of successful applicants.

Applicants should submit a cover letter explaining their interest in the Program, a curriculum vitae that includes publications, honors, and a succinct research plan to http://www.academicjobsonline.org. To expedite the review process, applicants should invite three individuals who are familiar with their work and potential for success to upload their recommendation letters at the same web address. Review of applications will begin on November 1, 2012 and continue until positions are filled. Inquiries, but not application materials, may be directed to Professor Zhiping Weng at zhiping.weng@umassmed.edu.

UMASS Medical School has built a reputation as a world-class research institution in basic and clinical research. The Medical School attracts more than $250 million in research funding annually, 80 percent of which comes from federal funding sources. The Medical School is located within a ten-minute drive from Worcester Polytechnic Institute (WPI). The two Universities have numerous joint research and educational efforts in Bioinformatics and Systems Biology.

As an Equal Opportunity and Affirmative Action Employer, UUMS recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives and backgrounds.

University of Massachusetts

Program in Systems Biology

The newly established Program in Systems Biology invites applications from outstanding candidates for a tenure-track or senior tenured professor position. Rank will be commensurate with ability and experience. The positions will be highly competitive with regard to start-up funds, laboratory space, and salary.

We are seeking innovative, energetic and collaborative individuals who will develop a strong experimental research program to tackle important problems in one of the following areas in systems biology: Network Biology, Single Cell Systems Biology, Genome Biology, Evolution and Variation, Systems Biology of Human Disease, Proteomics. Exceptionally strong candidates in other areas will also be considered.

The Program in Systems Biology is housed in the new state-of-the-art Albert Sherman Center. The Program is adjacent to the Program in Bioinformatics and Integrative Biology and the RNA Therapeutics Institute. The Program has high-performance computing facilities and a full-time systems administrator to support the research activities of its Faculty. Further information on the Program can be found at www.umassmed.edu/psb.

Applicants should submit a cover letter explaining their interest in the Program, a curriculum vitae that includes publications and a succinct research plan to http://www.academicjobsonline.org. To expedite the review process, applicants should invite three individuals who are familiar with their work and potential for success to upload their recommendation letters at the same web address. Review of applications will begin on November 1, 2012 and continue until positions are filled. Inquiries, but not application materials, may be directed to Professors A.J. Marian Walshout (marian.walshout@umassmed.edu) or Job Dekker (job.dekker@umassmed.edu).

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Faculty Positions

Program in Systems Biology

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stipulation that is common throughout academia.

The OTT can assist faculty with understanding how much time they can spend on outside endeavors and how it must be structured. Technology transfer professionals also provide insight into patent law and can help professors navigate intellectual property (IP) issues. But you need to be proactive, recommends Berque, and find out your school’s IP policies early on. “The worst time to ask,” he notes, “is after you launch, when the stakes are high and you have value.”

Gregory Phelan, an associate professor and chair of the chemistry department at SUNY College at Cortland, jokes about intellectual property: “If you’re breathing university air, they have the right to it.” Professors need to have an IP plan from the start and should engage their university’s tech transfer office early on. The collaboration between the professor and their OTT will be a vital factor in ensuring that the proper balance and separation is maintained between their entrepreneurial and academic endeavors. But “do not labor under the misconception that your tech transfer office automatically knows what to do with your research, because they probably don’t,” cautions Michael Zemel, a professor of nutritional science and medicine at the University of Tennessee. “You’ll need to explain what the commercial value is, the utility of your work, and who would benefit. Insist on a conversation.”

Although there are multiple avenues to engage in entrepreneurship, many professors choose to license their technology to an existing firm or start their own company, and then back off. They might serve as a science advisor, but they prioritize their time so that they can maintain their teaching and research loads while offering outside counsel to industry. “My primary commitment is to MIT,” says Nobel Laureate Phillip Sharp, who cofounded Biogen in 1978 and served as chair of its science advisory board and then as a member of the board of directors for 20 years. “MIT and Biogen recognized that my interactions would be limited to one day a week.”

Joop Gäken, a senior lecturer in the School of Medicine at King’s College London, has three patents. When he licensed his microRNA target identification technology to a company, he did so in part to forge equilibrium between the two worlds he was straddling. “Because we didn’t spin off our own company, it hasn’t been disruptive for me,” he explains. “Keeping the balance was not very difficult, and I still did most of the same work I was doing before.”

MANAGING POTENTIAL CONFLICTS OF INTEREST

Once you engage in entrepreneurship, you must create a distinct separation between your university lab and your company’s facilities. IP can’t flow freely between the two, and neither can labor—your grad students cannot work for you in your group and intern at your company at the same time. Safeguards that prevent mingling are necessary for legal purposes, say experts, as well as to synthesize a balance between being in academia and being in business.

David Baker, a professor of biomedical sciences in the College of Health Sciences at Marquette University, partnered with his institution to set up “firewalls” to manage any potential conflict of interest that could occur. The university enlisted the help of a third party contractor, he explains, who implemented certain checkpoints that would catch and resolve possible concerns.

“There is a demarcated line between my academic labs and the companies that got started in part through my inventions,” says Farokhzad. Anything that is or could appear to be a conflict of interest is immediately shuttered. He doesn’t accept sponsored research from companies, either his own or others, and any work that is “earmarked for the companies doesn’t connect with my academic lab.” And to ensure that his postdocs and staff don’t feel they are doing work in the lab that can be funneled into one of his ventures, he encourages open discussion about patents and he generally doesn’t transfer any IP discovered in his academic lab into an old company. Instead, “if the new IP is viewed as game-changing, then it may form the foundation for a new company.”

Sharp urges that an almost excessive amount of communication about your dual paths is warranted to prevent even continued>
The European Molecular Biology Laboratory is searching for Team and Group Leaders. EMBL offers a highly collaborative, uniquely international culture. It fosters top quality, interdisciplinary research by promoting a vibrant environment consisting of young, independent researchers with access to outstanding graduate students and postdoctoral fellows. EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation.

Team and Group Leader Opportunities at EMBL Heidelberg, Germany

TEAM / GROUP LEADER

COMPUTATIONAL BIOLOGY / BIOINFORMATICS

EMBL’s headquarters in Heidelberg host four research units: Cell Biology and Biophysics, Developmental Biology, Genome Biology as well as Structural and Computational Biology. Bioinformatics activities are integral to the interdisciplinary research activities at EMBL and thus we seek to recruit an outstanding Group or Team Leader, working in the broad area of computational biology and bioinformatics, who would utilise the highly interdisciplinary and collaborative environment at EMBL Heidelberg.

Our search for candidates is deliberately broad and comprises all areas of computational biology that are complementary and synergistic to existing research activities at EMBL Heidelberg. Possible research areas comprise but are not limited to structural bioinformatics (e.g. modelling of protein complexes and their interactions and/or dynamics in a cellular context), image analysis/visualisation (e.g. reading out data from GFP screens, E-tomograms or visualising a virtual cell atlas), cheminformatics (e.g. chemical-protein-network analysis), systems bioinformatics (e.g. tissue modelling, analysis network perturbations) or transcriptional regulation/epigenetics (e.g. chromatin modification analysis).

We are open to applications from candidates who wish to focus entirely on their own research projects and, because there is an increasing need to integrate and streamline the multiple computational approaches followed within EMBL, to candidates who wish to function at the interface between research and service activities. The successful candidate should demonstrate a strong motivation to work in the multidisciplinary and collaborative environment of EMBL, reaching out to the many other computational and experimental groups.

For further information about this position please contact recruitment@embl.org.

Interviews are planned for 6 and 7 December 2012.

GROUP LEADER

GENOME BIOLOGY

The Genome Biology Unit studies the molecular mechanisms by which genetic information is expressed and regulated to yield complex biological systems, and how genetic variation leads to phenotypic diversity. The Unit addresses questions at different scales, ranging from detailed mechanistic studies (using genetics, chemistry, biochemistry and microfluidics) to genome-wide studies (using functional genomic, proteomic and computational approaches). This powerful combination enables the unit to dissect and model complex processes going from genotype to phenotype.

This group leader position provides a very competitive package to support an independent research group in an excellent scientific and highly collaborative environment. We particularly encourage candidates applying a systems biology approach to understanding specific aspects of gene expression regulation, evolution, metabolomics, stem cell biology or genomic applications to health to apply, but welcome candidates with demonstrated excellence in any area of genome biology.

Further information about the position can be obtained from the Joint Heads of Unit Eileen Furlong (eileen.furlong@embl.de) or Lars Steinmetz (lars.steinmetz@embl.de).

Interviews are planned for 28, 29 and 30 November 2012.

APPLICATION INSTRUCTIONS

Please apply online through www.embl.org/jobs and include a cover letter, CV and a concise description of research interests and future research plans. Please also arrange for 3 letters of recommendation to be emailed to references@embl.de at the latest by 21 October 2012.

Further information on Team/Group Leader appointments can be found under www.embl.org/gl_faq.

For more information please visit:

www.embl.org
Program Leader in Bioinformatics

BACKGROUND
We are seeking an innovative investigator with a strong research background in Bioinformatics and Computational Biology to lead an independent research program within the Victor Chang Cardiac Research Institute (VCCRI), Sydney, Australia. The VCCRI is an independent research organization committed to excellence in both basic and translational biomedical research. The VCCRI is affiliated with the University of New South Wales (UNSW), and a member of the St. Vincent’s Research Precinct that also involves the Garvan Institute for Medical Research and the St. Vincent’s Centre for Applied Medical Research.

Preference will be given to individuals applying next generation sequencing or other high throughput technologies and bioinformatics and computational tools to identify alleles, genes and pathways contributing to common disease.

The successful candidate will be provided with office and support space, and significant financial support to rapidly establish their program, and will be eligible for an academic appointment at UNSW.

RESPONSIBILITIES
Your research program might focus on one or more of the following areas, closely linked with experimental science within the VCCRI: mutation detection, transcriptional regulation, epigenetics, transcriptomics, non-coding RNAs, imprinting, disease susceptibility, structural variation, evolution. The successful applicant will be expected to lead a vigorous independent research program, maintain extramural research funding, and participate in graduate and postdoctoral training.

REQUIREMENTS
PhD/DPhil/MD in the fields of computational biology, genetics or genomics. Candidates will have expertise that includes high throughput data generation and analysis, excellent verbal and written communication skills, relevant research and teaching experience, a record of high quality peer-reviewed publications, and a strong interest in innovative and interactive research.

ENQUIRIES
If you have any questions about this position please reach out to Sheryl Maharaj in the first instance via email: Sheryl.Maharaj@victorchang.edu.au.

HOW TO APPLY
Interested candidates should submit their curriculum vitae, statement of research interest and names of three references to Sheryl.Maharaj@victorchang.edu.au.

CLOSING DATE
Applications will be accepted until 31 October 2012.

POLICY
The VCCRI is an Equal Opportunity/Affirmative Action employer and boasts a record of gender parity at all levels of the organization.
Assistant/Associate Professor Appointment

Applications are invited for a full-time, tenure track Assistant/Associate Professor in the Faculty of Pharmaceutical Sciences, The University of British Columbia. The Faculty has identified several research priorities, including chronic disease management and personalized medicine. Applicants should possess a Ph.D., Pharm.D./Ph.D. or M.D./Ph.D. in a life science or health science discipline, and have at least two years of postdoctoral research experience. The successful candidate will be expected to develop and maintain an active extramurally-funded, internationally recognized research program and participate in the training and supervision of graduate students and postdoctoral research fellows. Additionally, the successful candidate will be responsible for the coordination and teaching of pathophysiology content of the B.Sc. (Pharm.) curriculum and related teaching areas as necessary. Excellent teaching and communication skills, as well as a strong commitment to undergraduate, graduate and post-doctoral education are essential.

The Faculty of Pharmaceutical Sciences is entering a stage of unprecedented growth and expansion, and is now located in a new state-of-the-art, $155 million facility with world-class infrastructure and equipment on the UBC Vancouver campus. The building will also house one of the Faculty’s key partners, the Centre for Drug Research and Development (www.cdrd.ca), and is within easy reach of other major health science faculties and core research facilities.

Salary is negotiable, commensurate with experience, and is subject to final budgetary approval. The closing date for applications is October 31, 2012. Preferred start date is July 1, 2013. Interested individuals are requested to submit a letter of application with a brief description of research interests, a curriculum vitae, copies of up to five publications, a statement of teaching philosophy, and the names of four referees to:

Chair, Pathophysiology Search Committee
Faculty of Pharmaceutical Sciences, The University of British Columbia
Please submit electronic applications to the Chair at: pharmacy.newrecruit@ubc.ca
Faculty Website: http://www.pharmacy.ubc.ca/

Professorship in Adherence

Applicants are invited to apply for a new full-time tenure-track faculty position in Adherence in the Faculty of Pharmaceutical Sciences at The University of British Columbia. This Professorship is being initiated in the Faculty with the objective of providing a neutral, balanced voice and an opportunity for ongoing dialogue and research on the extent of the problem and to establish efforts toward improving adherence. Candidates will hold a doctorate in pharmacoepidemiology, health services research, pharmacy practice, or related discipline, and preferably with post-doctoral and previous research experience. The successful candidate will be appointed to the rank appropriate to their level of experience.

The successful applicant will develop a strong, innovative, multi-disciplinary program of research in adherence, with a focus on the role of pharmacy and collaboration with other health care disciplines. An ability to build partnerships with a wide variety of stakeholders and to provide national and international leadership in the field is essential. The candidate should have demonstrated expertise in a field germane to the study of adherence, strong leadership skills, and an ability to integrate easily into a multi-disciplinary research environment. Applicants must have demonstrated competence in teaching both at the undergraduate and graduate level. The candidate should also have demonstrated ability in establishing an active, extramurally funded research program.

The successful candidate will focus on developing methodologies that will have the greatest impact to assist pharmacists with developing adherence plans for complex regimes to optimize patient health outcomes. The primary functions of the successful candidate will include: educating students and health practitioners with an increased emphasis on the clinical skills required to support medication adherence, especially among patients with chronic diseases; evaluating different sets of adherence tools to look for synergies, efficiencies and optimal solutions for patient care; developing strong inter-professional teams to create and implement successful models of adherence; re-aligning business practices to enable personal counselling and individualized solutions in community pharmacy environments; and identifying workable and practical adherence approaches and methodologies that will influence drug plan benefits and policy to ensure optimal care for patients.

Professorship in Sustainable Health Care

The Faculty of Pharmaceutical Sciences at The University of British Columbia invites applications for a new full-time tenure-track faculty position to lead the Initiative for Sustainable Health Care in BC. Applicants are invited to apply if they hold a doctorate in pharmaceutical policy research, health economics, pharmacoepidemiology, health services research, pharmacy practice, or related discipline, preferably with post-doctoral and previous research experience. The successful candidate will be appointed to the rank appropriate to their level of experience.

The Initiative for Sustainable Health Care is being initiated in the Faculty of Pharmaceutical Sciences, University of British Columbia, with the objective of providing a neutral, balanced voice and an opportunity for ongoing dialogue and research on economic principles of health care sustainability, with a focus on the role of pharmacy and pharmaceuticals in effecting change.

The successful applicant will develop a strong, innovative, multi-disciplinary program of research in Sustainable Health Care, with a focus on the role of pharmacy and pharmaceuticals. An ability to build partnerships with a wide variety of stakeholders and to provide national and international leadership in the field is essential. The candidate should have demonstrated expertise in both public and private health care insurance, strong leadership skills, and an ability to integrate easily into a multi-disciplinary research environment. Applicants must have demonstrated competence in teaching both at the undergraduate and graduate level. The candidate should also have demonstrated ability in establishing an active, extramurally funded research program.

Salary is negotiable, commensurate with experience, and is subject to final budgetary approval. The closing date for applications is November 15, 2012. Preferred start date is May 1, 2013. Interested individuals are requested to submit a letter of application, with a brief description of research interests, a curriculum vitae, copies of up to five publications, a statement of teaching philosophy, and the names of four referees to:

Dr. Peter J. Zed, Associate Dean, Practice Innovation
Faculty of Pharmaceutical Sciences, The University of British Columbia
Please submit electronic applications to: pharmacy.practiceinnovation@ubc.ca

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. We especially welcome applications from visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities. Canadians and permanent residents of Canada will be given priority.
the perception of misconduct. “I utilize wide disclosure to audiences during speeches,” he says.

University of Delaware’s Marsh even keeps separate computer systems for his university and company research.

FINDING THE RIGHT PEOPLE
“I’m very comfortable working with the investors that I trust and leave it to their judgment to bring in the best business and scientific team to advance our technologies,” says Farokhzad, pointing to a lesson that many faculty learn early on even in academia—surround yourself with talented people and you will shine.

“Your company will be more successful if you personally don’t do stuff that you are not good at,” says Marsh. “One has to recognize the difference between what you ‘can do’ because of related prior experience and what you ‘should not be doing’ because of overconfident ignorance.” For example, he adds, negotiating a license agreement with your institute’s OTT should be handled by a lawyer familiar with the commercial value of similar IP.

Marsh launched his company in 2009 and serves as its chief scientific officer. On paper he is not employed by the firm, but rather serves as a consultant. His advice is echoed by other successful professor-entrepreneurs: “Find the best business partners you can,” especially people with experience managing startups.

A synergistic team will help you productively manage your time. “Get ready for a busy life: one that is three times as busy,” jests Phelan. “I was surprised how busy I was. I couldn’t believe it took this much time to get a company started, funded, and a product made.”

GETTING ROI ON THE FACULTY SIDE
“As daunting as it seems, entrepreneurship is very worthwhile,” says Baker. “It has energized me and even though I have fewer publications than I would otherwise have, I’m so much more enthused about my research.” Moreover, his interaction with patients who have benefited from his technology “gives us a real sense that what we’re doing may have a profound impact in addressing unmet medical needs. We wouldn’t have this without the entrepreneurship.”

Even with a targeted separation of academic and business endeavors, pursuing commercialization can actually enhance your skills in education. “My computer science classes are better because I can bring in my own experiences from my work,” says Berque. “This influences students to think about innovation and entrepreneurship as career paths.” He draws on examples from his software company, and ultimately, he says, “I serve as a more informed career counselor.” His professional advice is augmented with contacts in the business world who can arrange for pupils to acquire internships and jobs, or to pursue other kinds of research collaborations.

“Students see the passion we bring for science and entrepreneurship and it’s easier for them to see themselves doing it too,” echoes Phelan.

The connections that faculty make not only help the students but benefit the department and university as a whole as well. Phelan describes how after speaking with local businesses about his technology, he invited an industry representative to serve on a department board, which helped bolster the department’s profile for fundraising and public relations purposes, and generally paved the way for more interactions between university and industrial scientists.

Paul DeAngelis, a professor of biochemistry and molecular biology at Oklahoma University Health Science Center, notes that being an entrepreneur opens up the academic to novel potential revenue streams, even with a hard separation between the activities. “NIH isn’t the golden ticket that is going to be feeding you forever,” he cautions. “My advice is to not rely solely on NIH resources if you have the ability to create a company and a drug or device that can help people.”

Entrepreneurship activity invariably also helps scientists improve their ability to articulate concepts to numerous publics. “As you explain complicated scientific processes to different audiences,” says Phelan, “it makes you a better teacher and helps improve your critical thinking and communications skills.” In addition, as you gain more knowledge about the commercialization process, and have a better understanding of the business world, you can improve your grant proposals.

“Your work is directly benefiting society and humankind,” he continues. “Entrepreneurship helps make grant applications stronger, because it stimulates new ideas and demonstrates potential commercial partners,” giving you more return on your investment. If you can establish in your proposal that your innovation has commercial appeal, adds DeAngelis, it further increases your chances of landing the grant.

An entrepreneurial undertaking has myriad benefits on the academic side, and in the long run can help you reset your priorities as a scientist. Farokhzad emphasizes that entrepreneurship has helped him be a better professor because it has sharpened his ability in identifying significant research problems. “It takes just as much time and capital to work on really important problems as it does on the less important ones,” he says. “As an academic entrepreneur, you’re required to have that litmus test—is this impactful research? If not you let it go.”

Alaina G. Levine is a science writer based in Tucson, AZ.

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PRINCETON UNIVERSITY

ASSISTANT PROFESSORSHIP
ANIMAL BEHAVIOR

Princeton University’s Department of Ecology and Evolutionary Biology plans to hire a tenure track assistant professor focusing on quantitative animal behavior. The Department has broad interests in behavior ecology, behavioral dynamics, behavioral endocrinology and behavioral links to other features of organismal biology. We seek applicants who pursue research that aims for significant conceptual and/or empirical integration across traditional areas of animal behavior and who have a strong commitment to teaching. It is possible that an appointment may be joint with Princeton’s Environmental Institute, especially if the applicant’s research focuses on problems of global or environmental change.

Applicants should write a vision statement, no longer than 2 pages, that outlines the conceptual dimensions of one or more major unsolved problems in their field and how their approach will contribute to solving them. The vision statement should be more than a summary of the applicant’s prior and current research. Applications, including the vision statement, curriculum vitae, three reprints and three letters of recommendation, can be submitted online via http://jobs.princeton.edu, requisition #1200573. Screening of applications begins 15 October 2012.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.

UCL Faculty of Life Sciences

Director of Sainsbury Wellcome Centre for Neural Circuits and Behaviour

University College London (UCL), the Gatsby Charitable Foundation, and the Wellcome Trust invite applications for the post of Director of a major new neuroscience centre to be based at UCL: the Sainsbury Wellcome Centre for Neural Circuits and Behaviour. This Centre will address a fundamental challenge in modern biology, determining how neural circuits process information and direct behaviour. Advances in this field will transform understanding of brain function, and ultimately lead to new ways of monitoring and regulating brain activity in health and disease.

The Sainsbury Wellcome Centre will be housed in a new state-of-the-art building embedded at the heart of UCL. It will develop and exploit new approaches for determining anatomical and functional connectivity in neural circuits and for recording, imaging and manipulating activity in genetically defined ensembles of neurons. This experimental work will be tightly integrated with the theoretical and computational neuroscience carried out by the Gatsby Computational Neuroscience Unit which will relocate to the new building in 2014.

The new Centre will comprise 12 research groups (including the Director’s) and will conduct a vibrant interdisciplinary research effort, investigating information processing in neural circuits across a range of model systems and behaviours. UCL provides the ideal environment for a new Centre undertaking such a major interdisciplinary effort in neuroscience. The Centre will draw on and catalyse the rich, wide-ranging neuroscience community at UCL, currently ranked 2nd in the world for ISI citations in neuroscience and behaviour. It will also benefit from important strengths in allied fields such as physics, chemistry, engineering, nanotechnology and biomedicine.

The post of Director carries with it a professorial title and the post holder will play a significant role in the strategic development of Neuroscience at UCL. The Director will be responsible for recruiting and nurturing outstanding research groups; and for promoting links between the Centre, UCL, and the wider scientific community. Substantial and long-term resources will be available to support the scientific work of the Director and other researchers in the Centre.

The Director of the Centre will be a visionary leader with an outstanding track record in neuroscience research related to the core mission of the Centre and with substantial experience of scientific strategy and management.

The appointment will be full time and the salary is negotiable on the professorial scale, but not less than £62,110 per annum, inclusive of London Allowance. A relocation package will be available in addition. The appointment is available from Summer 2013.

For further details about the vacancy and how to apply online please go to http://www.ucl.ac.uk/hr/jobs/ and search on Reference Number 1275837.

If you have any queries regarding the application process, please contact Nick McGhee on n.mcghee@ucl.ac.uk, tel +44 (0)20 7679 8878. If you wish to discuss the post informally, please contact Professor Sir John Tooke on j.tooke@ucl.ac.uk, tel +44 (0)20 7679 0878.

Closing Date: Monday 15th October 2012.

We particularly welcome female applicants and those from an ethnic minority, as they are under-represented within UCL at this level.

Supported by

Harvard University

TENURE-TRACK ASSISTANT PROFESSORSHIPS IN CHEMISTRY

Harvard University
Faculty of Arts and Sciences
Department of Chemistry and Chemical Biology
Cambridge, MA

Candidates are invited to apply for a tenure-track assistant professorship in inorganic chemistry (https://academicpositions.harvard.edu/postings/4146), broadly defined to include reaction chemistry, with potential connections to energy-related research; and, physical chemistry (https://academicpositions.harvard.edu/postings/4247). These appointments are expected to begin on July 1, 2013. The tenure-track professors will be responsible for teaching at the undergraduate and graduate levels. We are seeking candidates who have an outstanding research record and a strong commitment to undergraduate and graduate teaching. Ph.D. required by expected start date. Candidates should arrange to have three letters of recommendation sent independently and provide a curriculum vitae, statement of teaching philosophy, list of publications, and outline of their future research plans. All applications and supporting materials must be submitted via the ARIeS portal (see links above) no later than October 15, 2012.

Harvard is an Equal Opportunity/Affirmative Action Employer. Applications from women and minorities are strongly encouraged.

University of California, London
The Sanford Children’s Health Research Center (CHRC, Sioux Falls, SD [http://www.sanfordresearch.org/researchcenters/childrenshealth/]), invites applications from researchers for full time faculty positions at the rank of Associate Scientist, Scientist, and Senior Scientist within Sanford Research/USD ([http://www.sanfordresearch.org/]) with commensurate rank of Assistant Professor, Associate Professor, and Full Professor in the Department of Pediatrics of the Sanford School of Medicine at The University of South Dakota. An historic $400 million gift by philanthropist Denny Sanford has allowed for expansion of Sanford Research/USD and development of the CHRC, a center specifically focusing on children’s health research. The CHRC is a two-site program with locations at Sanford Research/USD in Sioux Falls, SD and the Sanford-Burnham Medical Research Institute in La Jolla, CA.

We seek outstanding scientists with research programs that contribute to the molecular understanding and treatment of congenital defects, developmental disorders, and pediatric diseases. Applicants should hold a PhD, MD or MD/PhD degree and complement the existing strengths and the interdisciplinary and collaborative nature of the CHRC. Junior candidates will be expected to develop independent research programs with extramural funding. Senior candidates should have a demonstrated track record of extramural grant support and publications and be capable of mentorship to junior faculty members within the CHRC while advancing their independent research programs. Researchers will join the energetic and collegial research community at Sanford Research/USD and hold both Sanford Research/USD and Sanford School of Medicine faculty appointments.

Significant institutional support, including modern laboratory space and state-of-the-art facilities, will be provided in the Sanford Center. In addition, a comprehensive compensation package will be tailored to the individual’s qualifications. Sanford Health is an Equal Opportunity/Affirmative Action Employer. Candidates should submit a single PDF including a detailed curriculum vitae and a description of research experience and future plans that includes relevance to children’s research. Candidates should also submit at least three letters of recommendation. All application materials should be sent by email to: David A Pearce Ph.D., Director, Children’s Health Research Center, Sanford Research/USD, Professor, Department of Pediatrics, Sanford School of Medicine of The University of South Dakota, 2301 E. 60th Street North, Sioux Falls, SD 57104; Telephone: 605-312-6004 FAX: 605-312-6071; Email: David.Pearce@sanfordhealth.org.

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**Assistant Professor Positions available at Princeton University**

The Lewis-Sigler Institute for Integrative Genomics at Princeton University invites applications for a tenure-track faculty position at the Assistant Professor level; faculty positions at the Lewis-Sigler Institute are joint appointments with an appropriate home department. We are seeking outstanding scientists with strong interest and experience in quantitative, systems-level approaches to understanding any area in modern experimental biology. Candidates with expertise in experimental methods for high-throughput biology are particularly encouraged to apply. A strong record of experimental work and quantitative analysis is essential. The successful candidate will have research laboratories at the Institute, and teaching responsibilities (both graduate and undergraduate) will be shared between the Institute and the home department.

The Lewis-Sigler Institute for Integrative Genomics, housed in the Carl Icahn Laboratory at Princeton University, was established to innovate in research and teaching at the interface of modern biology and the more quantitative sciences. The Institute has invested heavily in providing state-of-the-art infrastructure, including facilities for High Throughput Sequencing and Microarrays, Advanced Imaging, Mass Spectrometry, and Computation.

**Essential Qualifications:** All applicants must have a Ph.D., M.D., or equivalent degree. In addition, applicants must have a very strong record of research productivity, demonstrate the ability to develop a rigorous research program, and be committed to teaching at both the undergraduate and graduate levels.

**How to Apply:** Applications must be submitted online at: [http://jobs.princeton.edu/applicants/Central?quickFind=62744](http://jobs.princeton.edu/applicants/Central?quickFind=62744) and should include a cover letter, curriculum vitae, a two-page research description, as well as contact information for three references. Applications will be reviewed beginning on October 15, 2012, and applications arriving after November 15, 2012 may not be considered.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.

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**Assistant Professor**

**Structural Biology**

The Department of Biochemistry and Molecular Biology seeks candidates for a tenure track faculty position. Targeted areas are Membrane Proteins, the Cytoskeleton, or other Macromolecular Assemblies. Applicants are sought who could take advantage of state-of-the-art Cryo-Electron Microscopy resources at the new OHSU/FEI Living Lab ([http://tinyurl.com/cl2va5w](http://tinyurl.com/cl2va5w)).

Candidates should have post-doctoral experience and be ready to direct an independent, extramurally funded research program. The recruit will contribute to training programs in Cellular and Molecular Biosciences and Quantitative Biology, as well as participate in Medical Education.

Apply online at [www.ohsujobs.com](http://www.ohsujobs.com), id IIRC37050 submitting curriculum vitae, statement of research accomplishments and future research goals and three names for letters of reference prior to a deadline of December 1, 2012.

OHSU is an Equal Opportunity/Affirmative Action Institution.
The Friedrich Miescher Institute for Biomedical Research (FMI) invites applications for a tenure-track group leader position. We are seeking an outstanding individual who will establish a research program that explores the molecular mechanisms of cell fate determination in development and/or disease.

**Group Leader Position, tenure track**

**Cell fate determination and plasticity**

Opportunities exist for collaborative interactions with other FMI research teams in epigenetics, neurobiology and mechanisms of cancer. The FMI provides outstanding core facilities for experimental mouse genetics, live microscopy, cell sorting, genomics, computational biology, protein crystallography and proteomics. Highly competitive salary and running budget are provided.

The FMI is an international biomedical research center with 300 members, including about 180 postdoctoral fellows and graduate students. It is affiliated with the University of Basel and is funded by the Novartis Research Foundation. The Institute runs a successful international PhD program (for further information see www.fmi.ch). Situated in Basel, Switzerland, the FMI offers an outstanding English-speaking scientific environment in the center of Europe.

Information is provided to the University of California, Berkeley is poised to take its leadership role addressing energy and climate challenges to a new level, to catalyze a sustainable future through innovation and education for responsible stewardship of the planet through the Berkeley Energy & Climate Institute (BECI).

We are seeking a Director of international research reputation and stature to lead the Institute to:

- Strengthen the coordination and synergies of our energy and climate efforts to achieve maximum impacts through the integration of science, engineering, social science, market, health and policy research;
- Educate and energize the next generation of energy and climate research scientists and policy/government leaders;
- Pioneer a commitment to technology transfer that sets a new global standard and leverages the rich potential for partnerships, in the Bay Area and across the globe;
- Engage the talents and creativity of our extraordinary students, alumni, community, industry and government stakeholders, and partners at Lawrence Berkeley National Lab.

Additionally, the Director will play a major role in representing UC Berkeley’s vision and impacts to, and expanding support from, its outside constituencies, including without limitation: the California Legislature and its delegation in the nation’s Capitol; federal and state agencies, the tax payers of California, and BECI’s philanthropic and industrial sponsors.

BECI’s Director will report to UC Berkeley’s Chancellor. A competitive candidate must have a PhD or equivalent and possess experience at the level of tenured professor or equivalent at a research university or laboratory with national/international prominence and in an academic discipline relevant to the research agenda of BECI. S/he should have demonstrated academic and research management experience, as the equivalent of a university department chair, or as a laboratory director appointment at an industrial laboratory or government agency. Preferably, the Director will also have government and/or industry experience. The Director must be able to demonstrate considerable management experience suitable for a diverse and complex research environment that involves academia as well as private industry. An ability to interact effectively, build partnerships, and develop shared goals and objectives with a large, independent, and diverse community of researchers across multiple campuses and with industrial and government partners, is essential. An interest in subjects that will contribute to the understanding of diversity and equal opportunity is desired.

Applicants should submit a CV and statement summarizing their research interests as well as experience and professional contributions to the area of energy and/or climate research. Applications must be submitted online by December 3, 2012 at https://aprecruit.berkeley.edu/apply/JPF00062.

The University acknowledges the need to remove barriers to the recruitment, retention, and advancement of faculty from historically excluded populations who are currently underrepresented. Qualified women and members of under-represented minority groups are strongly encouraged to apply. The University of California is an Equal Opportunity Employer and is committed to addressing the needs of dual career couples.
Junior Faculty Positions, Vollum Institute
Oregon Health & Science University, Portland OR

The Vollum Institute (www.ohsu.edu/vollum) solicits applications from exceptional, creative and interactive scientists for junior faculty positions, and also invites applications from candidates at an early stage in their career.

We encourage applications from candidates whose research may include, but is not limited to, cell biology, molecular biophysics and structural biology, genetic, molecular and cellular neuroscience and neural circuitry, and whose work will augment the emphasis on neurosciences at the Vollum Institute.

The Vollum Institute offers competitive salary, benefits and start-up funds, renovated laboratory space, ample access to numerous state-of-the-art core facilities that include cutting-edge light and electron microscopes, and extensive opportunities for collaboration both within the Institute and throughout the University.

Vollum appointments are tenure-track equivalent, full-time research positions with minimal teaching requirements. The Vollum is allied with the Neuroscience Graduate Program, providing opportunities for teaching and access to a pool of exceptional students.

OHSU is an equal opportunity/affirmative action employer committed to maintaining diversity in its faculty. Candidates can apply by sending an electronic copy of their curriculum vitae, a description of research plans and goals, and three reference letters to the Vollum Faculty Search Committee (volljob@ohsu.edu) by December 1, 2012.

Tenure-track Faculty Position
(DAssistant/Associate/Full Professor)
Department of Molecular Genetics and Microbiology,
Duke University Medical Center

Applications are invited for a tenure-track position in the Department of Molecular Genetics and Microbiology at Duke University Medical Center (http://mgm.duke.edu/). We are seeking individuals that employ genetics to investigate important biological problems. There are no restrictions concerning the research area or the model organism used. Nonetheless, individuals working in the following areas are particularly encouraged to apply: (1) the genetic basis for behavior and disease in Drosophila, Caenorhabditis or mammalian models, (2) functional studies of non-coding RNAs, and (3) genetic analysis of genome stability in multi-cellular organisms.

The individual hired is expected to develop a strong, independent research program that will complement existing areas of expertise within the Department. Research strengths within the Department include RNA biology, DNA repair and recombination, microbial pathogenesis (viral, bacterial and fungal), and human/mammalian genetics.

Applications should include a curriculum vitae, a description of research accomplishments and plans for future research (please limit to three pages), and reprints of three representative publications. Interested applicants should submit application materials (cover letter, CV, statement of research accomplishments/interests and at least three references) for this job posting on AcademicJobsOnline at https://academicjobsonline.org/ajo/jobs/1676. Applications should be received by November 15, 2012. Further inquiries may be directed to Rachel Mullis at rachel.mullis@duke.edu.

The deadline for receipt of applications is November 15, 2012.

Women and minorities are encouraged to apply. Duke University is An Equal Opportunity/Affirmative Action Employer.
The Cecil H. and Ida Green Center for Reproductive Biology Sciences and the Division of Basic Reproductive Biology Research in the Department of Obstetrics and Gynecology at the University of Texas Southwestern Medical Center in Dallas invite applications from outstanding candidates for three tenure-track assistant professor positions in signaling, gene regulation, and genome function, especially in the areas of chromatin and transcription, epigenetics, nuclear endpoints of cellular signaling pathways, nuclear receptors, RNA biology, genome organization and evolution, and DNA replication and repair. We are interested in a wide variety of model systems and experimental approaches, including biochemistry, molecular biology, structural biology, animal models, genomics, proteomics, bioinformatics, and computational biology. The Green Center’s research programs focus on, but are not limited to, reproduction and development in a broad sense, including: oocyte maturation, fertilization, development, pregnancy, parturition, stem cells, endocrinology, and oncology, as well as relevant aspects of metabolism, inflammation, immunity, and neurobiology.

**Position 1: Signaling, chromatin, and gene regulation** – a broad search for candidates using a wide array of experimental approaches to address fundamental questions in nuclear signaling, chromatin, transcription, epigenetics, and RNA biology.

**Position 2: Genomic, bioinformatic, computational, and evolutionary approaches to understanding gene regulation** - a more focused search in areas that will connect to broader genomic initiatives on campus.

**Position 3: Molecular biology of female reproductive systems** - a search for candidates using cell-based or physiological models in combination with molecular or genomic approaches to address fundamental questions concerning female reproductive biology.

The Green Center is an endowed basic science research center at UT Southwestern, which promotes and supports cutting-edge, integrative, and collaborative basic research in female reproduction and related areas of biology, as well as strong interactions between basic and clinical research. This environment is part of a major university and department-supported renovation and rejuvenation of the Green Center (upwards of 12 million dollars when completed and fully staffed). Successful candidates, who will be housed in a newly renovated state-of-the-art research facility and provided a generous start-up package, are expected to establish scientifically rigorous and externally funded research programs and participate in center, department, and university teaching and training programs. To learn more about the Green Center, visit: [http://www.utsouthwestern.edu/utsouthwestern/research/greencenter/](http://www.utsouthwestern.edu/utsouthwestern/research/greencenter/).

Candidiates must have a Ph.D. or M.D. or equivalent in a relevant field of study, postdoctoral or comparable experience, and a demonstrated record of research excellence. Applicants should send a letter of application, curriculum vitae, and a statement of planned research projects as pdf files to [GreenCenter@UTSouthwestern.edu](mailto:GreenCenter@UTSouthwestern.edu), indicating the position of interest (1, 2, or 3) in the subject line. Applicants should also arrange for three letters of reference to be sent directly to the above e-mail address. Review of applications will begin on October 31, 2012 and continue during the 2012 – 2013 academic year or until the positions are filled, although applicants are encouraged to submit their materials as soon as possible.

UT Southwestern is an Equal Opportunity/Affirmative Action Employer.

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The School of Molecular and Cellular Biology ([http://mbc.illinois.edu/](http://mbc.illinois.edu/)) at the University of Illinois at Urbana-Champaign seeks outstanding applicants for two tenure track Assistant Professor positions in the following areas:

**Cellular Growth Mechanisms and Cancer:** Areas of interest include (i) signaling networks and stem cells in cell growth and cancer, (ii) development of animal models, tumor biomarkers and small molecules for treatment of cancer, (iii) proteomic and genomic approaches to analysis of tumor biology and early detection of cancers, (iv) epigenetic basis of cancer, (v) hormone-dependent cancers, (vi) stromal-cancer cell interactions, (vii) immunological approaches to cancer therapy; (viii) novel systems and synthetic biology approaches to cell growth regulation and cancer.

**Regenerative Biology and Reproduction:** Areas of interest include (i) genomic approaches and animal models to study developmental aspects of reproduction and embryogenesis, (ii) signaling mechanisms regulating maternal-fetal dialogue during implantation and placentation, (iii) epigenetic basis of fetal abnormalities and childhood diseases, (iv) basic mechanisms for tissue and organ regeneration and stem cell biology.

Successful candidates would provide synergy with major campus research thrusts, particularly in cancer, stem cell and developmental biology, reproductive biology, and neurobiology. The Urbana-Champaign campus offers a wide range of state-of-the-art research support facilities that include the Roy J. Carver Biotechnology Center, the W. M. Keck Center for Comparative and Functional Genomics, as well as facilities for proteomics, metabolomics, high-throughput screening, immunology, flow cytometry, microscopy, and transgenic mice. The campus has strong programs in bioengineering, biological physics, and chemical biology, and superb computational resources are available at the National Center for Supercomputing Applications and the NIH Resource for Macromolecular Modeling and Bioinformatics.

To ensure full consideration, create your candidate profile through [http://go.illinois.edu/MCBAsstProf](http://go.illinois.edu/MCBAsstProf) and upload your application cover letter, curriculum vitae, a concise summary of past research accomplishments, a statement of future research plans and contact information for three professional references by December 15, 2012. Referrees will be contacted electronically upon the submission of the application. Although early applications are appreciated and interviews may be conducted before the closing date, no hire will be made until after the closing date. Questions can be addressed to the School of Molecular and Cellular Biology, 217-333-3166.

Illinois is an Affirmative Action /Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. ([www.inclusiveillinois.illinois.edu](http://www.inclusiveillinois.illinois.edu)).
FACULTY POSITIONS
Center for Cell Engineering

The Center for Cell Engineering (CCE) at Memorial Sloan-Kettering Cancer Center is seeking innovative individuals with strong research accomplishments in stem cell research, cell engineering and/or cell therapy for tenure-track positions at the Assistant Member level.

Applicants may be considered for appointment in the Molecular Pharmacology and Chemistry, Immunology, Developmental Biology or Cancer Biology & Genetics Programs of the Sloan-Kettering Institute (www.ski.edu). Qualified applicants with an MD degree may be offered a joint appointment in an appropriate department in Memorial Hospital. Faculty will be eligible to hold appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

The CCE focuses on research leading to innovative cell therapies and their clinical translation. Successful applicants will have access to outstanding resources, including state-of-the-art facilities for cGMP cell processing, cell purification, cell imaging, vector production, sequencing, genomic analyses, chemical screens and immune monitoring. MSKCC offers a unique and exciting research environment with programs in Molecular Pharmacology & Chemistry, Developmental Biology, Immunology, Molecular Biology, Computational Biology, Cancer Biology & Genetics, Cell Biology, and Structural Biology. The presence on campus of world-renowned clinical programs in cancer research, treatment and prevention offer many opportunities for effective translational research.

Applicants should have an MD and/or PhD degree, productive postdoctoral experience, and dedication to important problems related to human cell engineering, including induced pluripotent stem cells, and the development of novel cell therapies.

The deadline for applications is November 1, 2012. Interested candidates should visit facultysearch.ski.edu to access the on-line faculty application. Please visit the site as soon as possible, as it contains important information on the required application materials, including deadlines for submission of letters of reference.

Inquiries may be sent to Eden Bechar, eden-bechar@mskcc.org or to Dr. Michel Sadelain, Director, Center for Cell Engineering at ms-sadelain@ski.mskcc.org.

Faculty Recruiting Committee

School of Medicine & Dentistry
University of Rochester Medical Center

Tenure-Track/Tenured Faculty Position

The Center for Oral Biology in the Eastman Institute for Oral Health invites applications for a faculty position at the Associate or Full Professor level. Current research programs in the center include studies of the molecular mechanisms of craniofacial development and birth defects, salivary gland physiology and cell biology, organ development and regeneration, cellular signaling in cancer, and the molecular mechanisms of oral infectious diseases. We seek applications from individuals with research interests that will complement our existing programs, including but not limited to developmental genetics, stem cell and cancer biology, tissue engineering and repair, bacterial physiology/pathogenesis, regulation of mammalian gene expression, protein/glycoprotein interactions, and exocrine cell signaling/differentiation. More information about the center and available positions can be found on the internet (http://www.urmc.rochester.edu/center-oral-biology/).

Individuals seeking an appointment at the level of Associate or Full Professor must have a demonstrated record of extramural funding. For further details and to apply online, please go to: http://www.rochester.edu/working/hr/jobs/ (Job ID #175946). Please provide your curriculum vitae, statement of current and future research interests, and names and addresses of at least three references.

The University of Rochester is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

FACULTY POSITIONS AT MMCRI
MAINE MEDICAL CENTER RESEARCH INSTITUTE
Portland, Maine

Applications are invited for faculty positions at all levels (Assistant, Associate and Full Professor equivalent) in the Center for Molecular Medicine. Candidates should complement existing strengths in the areas of stem cell biology, vascular and cardiovascular biology, metabolism, bone biology, cancer, and basic and translational studies of human disease. Applicants must have an MD and/or PhD degree or equivalent. Physician-scientists are encouraged to apply. Candidates for senior-level positions should have an independently funded research program. Applications are strongly encouraged from those seeking a highly supportive, collegial and collaborative environment.

Positions include competitive start-up/tranition packages, and opportunities for faculty appointments at Tufts University School of Medicine and the University of Maine. MMCRI maintains core facilities in flow cytometry/FACS, mouse transgenic technologies, proteomics, bioinformatics support, confocal microscopy, metabolic phenotyping, small animal in vivo imaging including microCT and MRI, and translational and clinical research. Salary, benefits, and resources are nationally competitive.

MMCRI is an expanding biomedical research institute on the scenic southern coast of Maine. The greater Portland area features a high quality of life with outstanding recreational and cultural opportunities.

Candidates should provide a CV, brief statement of research interests, and contact information for three professional references to Tom Gridley PhD, Chair, Faculty Recruiting Committee (gridtl@mmcri.org). Learn more about us at www.mmcri.org.

Faculty Recruiting Committee

Harvard University
FAS Center for Systems Biology
Faculty Position

The Faculty of Arts and Sciences (FAS) Center for Systems Biology (http://sysbio.harvard.edu/csb) seeks outstanding candidates for a faculty position at the rank of assistant professor (tenure track). The Center, whose common research space houses faculty from a spectrum of academic departments and the Bauer Fellows, fosters interactions across disciplinary boundaries. We are interested in candidates involved in research in systems biology, using either experimental or computational approaches. A PhD in a relevant discipline is required.

The successful candidate will hold an academic appointment in a FAS natural science department, but not restricted to, Molecular and Cellular Biology, Organismic and Evolutionary Biology, Physics or Chemistry and Chemical Biology. Faculty associated with the Center for Systems Biology have access to facilities and opportunities for collaborative research through the Bauer Core facilities, the Center for Nanoscale Systems, the Broad Institute, and the Center for Brain Science.

Applications, including letters of reference, are due by November 15, 2012. Please submit a curriculum vitae, statement of research (≤5 pages, including a summary of previous research accomplishments), teaching statement and PDFs of ≤3 publications to http://academicpositions.harvard.edu/postings/4214. All files must be submitted electronically in PDF or Word format. During the application process you will be asked to give the e-mail addresses of at least three colleagues who have agreed to write letters of recommendation for you. Please allow at least 1 week for your referees to upload their letters.

Applications from, or nominations of, women and minority candidates are encouraged. Harvard is an Affirmative Action/Equal Opportunity Employer.
The Center for Stem Cell Biology (CSCB) and the Developmental Biology Program are seeking innovative individuals who have strong records of research accomplishments in stem cell biology for tenure-track positions at the Assistant Member level (equivalent to Assistant Professor). The CSCB was established to further the interaction of researchers with active stem cell research programs at the Center, to enhance and build novel stem cell related resources and to recruit leading-edge stem cell faculty. The CSCB is interested in research in any aspect of stem cell biology, including the study of stem cells in model organisms, tissue stem cells and the biology and application of human embryonic stem cells or induced pluripotent stem cells. Candidates with a strong interest in applying developmental approaches to studying stem cell biology are particularly encouraged to apply.

Applicants should have a PhD and/or MD degree, a productive postdoctoral experience, dedication to important problems in stem cell biology, and the potential to develop a strong independent program in stem cell research. Successful candidates will be appointed in the Developmental Biology Program and will become a member of the CSCB. Successful candidates are also eligible to hold additional appointments at the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

Successful applicants will have access to outstanding resources including expanded state-of-the-art facilities for human pluripotent stem cells, high-throughput chemical and genetic screening, mouse genetics, genomics, flow cytometry, advanced imaging and cancer biology. Memorial Sloan-Kettering offers a unique and exciting multidisciplinary research environment. Faculty in the CSCB participate in the Tri-Institutional stem cell initiative (with Weill Cornell and Rockefeller University) that links stem cell researchers across neighboring institutions.

The deadline for applications is November 1, 2012. Interested candidates should visit facultysearch.ski.edu to access the on-line faculty application. The site contains important information on the required application materials as well as deadlines for submission of letters of reference.

Inquiries may be sent to Tiffany Lennon at lennon@mskcc.org; to Dr. Lorenz Studer, Director CSCB; at studer1@mskcc.org; or to Dr. Kathryn Anderson, Chair Developmental Biology Program, at k-anderson@ski.mskcc.org.

facultysearch.ski.edu

MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

Two Tenure-Track Assistant Professor Positions

Department of Biology

The Biology Department (www.bio.umass.edu/biology) at the University of Massachusetts Amherst invites applications for two tenure-track Assistant Professor positions to start as soon as September 1, 2013. One position is in the area of Neurobiology and the other is in the area of Evolutionary Developmental Biology of Plants.

We seek individuals with outstanding research, a strong commitment to teaching, and the potential to develop and maintain an extramurally funded research program. The Biology Department provides an interactive and broad research environment, with faculty research spanning all levels of biological organization. Especially strong research clusters focus on nervous system development and function, plant biology, cell biology, functional morphology, and evolution. New faculty members will have the opportunity to participate in strong graduate training programs in Neuroscience and Behavior (www.umass.edu/neuro), Plant Biology (www.bio.umass.edu/plantbio), Organismic and Evolutionary Biology (www.bio.umass.edu/oeb) and Molecular and Cellular Biology (www.bio.umass.edu/mcb). A PhD in Biology or a related field and postdoctoral experience are required.

1) Neurobiology: We seek individuals with a strong record of research in the area of neurobiology. We particularly welcome applications from researchers working in the areas of neural degeneration, neural development, or other aspects of long-term change in neuronal function, but strongly encourage applications from researchers working in other areas as well. Application materials may be sent via email to: NeurobiologySearch@bio.umass.edu.

2) Plant Evolutionary/Developmental Biology (Evo/Devo): We seek individuals with a strong record of research at the interface between developmental and evolutionary biology. Applications are welcome from candidates pursuing questions at any phylogenetic level, from the origins and mechanisms of evolutionary novelty to the significance of phenotypic variation in any group of plants. UMass is home to a diverse live plant collection containing nearly 700 genera from more than 225 families that can be used for teaching and research. Application materials may be sent via email to: PlantEvoDevoSearch@bio.umass.edu.

The University is part of the 5 College Consortium (www.fivecolleges.edu) in the beautiful Pioneer Valley in western Massachusetts, just 2 hours from Boston and 3 hours from New York City.

If needed, paper applications can be sent to: Neurobiology Search # R44072, or PlantEvoDevo Search # R44071, Biology Department, Attn: Zoe Crowley, 611 North Pleasant Street, University of Massachusetts, Amherst, MA 01003. Application materials should include a curriculum vitae, research plan, and teaching statement. Applicants should also have three reference letters sent to the addresses above. Evaluation of applications for both positions will begin on October 5, 2012 and continue until the positions are filled.

The University provides an intellectual environment committed to providing academic excellence and diversity including mentoring programs for faculty. The College of Natural Sciences and the Biology Department are committed to increasing the diversity of the faculty, student body, and the curriculum. We strongly encourage women and members of minority groups to apply.

The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer. Positions will be filled contingent upon University funding.

Two Tenure-Track Assistant Professor Positions
Department of Biology

The Biology Department (www.bio.umass.edu/biology) at the University of Massachusetts Amherst invites applications for two tenure-track Assistant Professor positions to start as soon as September 1, 2013. One position is in the area of Neurobiology and the other is in the area of Evolutionary Developmental Biology of Plants.

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Two Tenure-Track Assistant Professor Positions
Department of Biology

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Faculty Position in Cancer Biology

The Children’s Research Institute (CRI) at the University of Texas-Southwestern Medical Center in Dallas, TX seeks applications for a tenure-track faculty position in the area of cancer biology. Outstanding investigators at any rank will be considered. Candidates must have a Ph.D., M.D. or equivalent degrees and the ability to direct an independently-funded research program exploring any aspect of cancer biology.

The UT-Southwestern Medical Center has a long and distinguished history of excellence in disease-related basic science research. The CRI is a new institute recruiting outstanding individuals dedicated to solving fundamental problems in biology and disease. The CRI is a dynamic, stimulating, and highly collaborative scientific environment. Major areas of focus within the CRI will include stem cell biology, cancer biology, and metabolism.

Please submit a CV, a 2-page summary of past accomplishments and research plans, and ask three references to submit letters by November 1, 2012 to CRIApplications@utsouthwestern.edu.

UT Southwestern is an Equal Opportunity/Affirmative Action Employer.

Simulation of Sloan-Kettering Cancer Center
The Best Cancer Care. Anywhere.

FACULTY POSITION
Structural Biology Program

The Structural Biology Program of the Sloan-Kettering Institute (www.ski.edu) invites applications for a tenure-track faculty position at the Assistant Member level (equivalent to Assistant Professor).

We are interested in individuals who have an outstanding record of research accomplishments. Areas of interest include x-ray crystallography, NMR spectroscopy, EM and optical imaging, as well as the interface of structural, chemical and computational biology. Faculty will be eligible to hold graduate school appointments in the Gerster Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

The deadline for applications is November 1, 2012. Interested candidates should visit http://facultysearch.ski.edu to access the on-line faculty application. Please visit the site as soon as possible, as it contains important information on the required application materials, including deadlines for submission of letters of reference.

Informal inquiries may be sent to Julie Kwan at kwanj@mskcc.org or to Dr. Nikola Pavletich, Chair, Structural Biology Program at pavletin@mskcc.org.

MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

www.sfu.ca/job postings

Simon Fraser University is one of Canada’s best comprehensive universities with three campuses in Metro Vancouver. Through the strength and commitment of our staff and faculty, SFU is recognized as a top employer in both B.C. and Canada. We invite applications for the following position:

DEPARTMENT OF CHEMISTRY
FACULTY POSITION IN CHEMISTRY

The Department of Chemistry at Simon Fraser University (SFU) invites applications for a tenure-track Assistant Professor position in Bio-Physical or Materials Chemistry to take effect in September 2013, subject to final budgetary approval.

Applicants should have a Ph.D. degree and will normally have postdoctoral or industrial experience. Outstanding candidates with a commitment to excellence in research and teaching are being sought. The candidates will be expected to develop and maintain both an innovative, externally funded research program, and an excellent teaching record at both the undergraduate and graduate levels in Chemistry.

All qualified candidates are encouraged to apply; however, Canadians and Permanent Residents will be given priority. Simon Fraser University is committed to an equity and diversity objectives, and welcomes applications from all qualified individuals. We therefore particularly encourage applications from qualified women, aboriginal Canadians, persons with disabilities, and members of visible minorities. Applicants should send a complete résumé, a concise research proposal, a short teaching dossier, and a list of three individuals willing to act as referees with their addresses, telephone and/or fax numbers, and e-mail addresses. All correspondence should be sent to:

Dr. Zuo-Guang Ye, Professor and Chair, Department of Chemistry
Simon Fraser University, 8888 University Drive, Burnaby BC V5A 1S6 Canada
E-mail: chemchr@sfu.ca

The competition will remain open until the position is filled. Screening of applications will commence on November 1, 2012.

Please note: We thank all applicants for their interest, however, only those selected for interviews will be contacted.

Please note that under the University Act, personal information that is required by the University for academic appointment competitions will be collected. For further details see the Collection Notice. (www.chemistry.sfu.ca/about/employment)

Assistant Professor in Human Genetics

The Center for Human Genetics (McDermott Center) at The University of Texas Southwestern Medical Center at Dallas (http://www.utsouthwestern.edu/education/medical-school/departments/mcdermott-center/index.html) invites applications for a tenure-track position of Assistant Professor. We are seeking individuals with innovative experimental research programs in human molecular genetics. Successful applicants will be expected to establish a vigorous independent research program and to teach students at the graduate level.

The individual should hold a graduate degree (MD, PhD or MD/PhD) and have completed a post-doctoral fellowship. The appointment will include a competitive salary, attractive start-up package, excellent laboratory space and to teach students at the graduate level.

The University of Texas-Southwestern Medical Center has a long and distinguished history of excellence in disease-related basic science research. The CRI is a new institute recruiting outstanding individuals dedicated to solving fundamental problems in biology and disease. The CRI is a dynamic, stimulating, and highly collaborative scientific environment. Major areas of focus within the CRI will include stem cell biology, cancer biology, and metabolism.

Please submit a CV, a 2-page summary of past accomplishments and research plans, and ask three references to submit letters by November 1, 2012 to CRIApplications@utsouthwestern.edu.

UT Southwestern is an Equal Opportunity/Affirmative Action Employer.

Assistant Professor in Human Genetics

The Center for Human Genetics (McDermott Center) at The University of Texas Southwestern Medical Center at Dallas (http://www.utsouthwestern.edu/education/medical-school/departments/mcdermott-center/index.html) invites applications for a tenure-track position of Assistant Professor. We are seeking individuals with innovative experimental research programs in human molecular genetics. Successful applicants will be expected to establish a vigorous independent research program and to teach students at the graduate level.

The individual should hold a graduate degree (MD, PhD or MD/PhD) and have completed a post-doctoral fellowship. The appointment will include a competitive salary, attractive start-up package, excellent laboratory space and to teach students at the graduate level.

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School of the Environment
Assistant Professor (2 positions)

Quantitative Spatial Ecologist
Position #115990
Aquatic/Riparian Ecologist
Position #79388

Washington State University (WSU) is currently seeking to fill two tenure-track Assistant Professor positions in the areas of Quantitative Spatial Ecology and Aquatic/Riparian Ecology. These positions are full-time, 9-month faculty positions located on the Pullman Campus. These positions are part of a multi-year series of new hires intended to contribute to the growth and development of the new School of the Environment, a new, innovative and interdisciplinary academic unit at WSU that brings together the natural and social sciences to focus on Earth, ecosystems, and sustainability. The School of the Environment (SoE) has identified the following thematic areas around which to build: 1) “Water: Connecting Earth and Life,” 2) “Global Change: Sustaining Healthy Landscapes and Communities,” and 3) “Earth System Dynamics.” Responsibilities include developing and teaching undergraduate and graduate courses and mentoring MS and PhD graduate students. SoE has a single faculty and a common curriculum across the Pullman, Tri-Cities and Vancouver campuses of the WSU System.

The Quantitative Spatial Ecologist will develop an internationally recognized research program in quantitative spatial ecology, with expertise in applied ecological modeling, potentially including genetic and/or temporal analyses. Specific habitats and taxa of emphasis are open, but candidates with expertise in vertebrate populations and ecological communities on the landscape scale are particularly encouraged to apply. The successful applicant will be expected to conduct an approved program of research consistent with the missions of the WSU Agricultural Research Center.

**Required:** Earned doctorate in a discipline related to quantitative spatial ecology, at time of employment. Record of research accomplishment as demonstrated by peer-reviewed publications and/or extramural grantsmanship. Demonstrated ability and/or potential to successfully teach and mentor students at the graduate and undergraduate levels. **Preferred:** Demonstrated ability in statistical and spatial analysis; demonstrated effective oral and written communication skills; demonstrated ability to develop collaborations with colleagues within and outside of home School and Colleges, helping to further integrate the School into University-wide focal areas; ability to work with a variety of constituencies, including governmental agency representatives, and persons of diverse cultures and backgrounds. For questions about this position contact Lisa Shipley, 509-335-9182, shipley@wsu.edu.

The Aquatic/Riparian Ecologist will develop an internationally recognized research program in aquatic and/or riparian ecology. Although the specific habitat(s) and area of emphasis are open, candidates with expertise in linking biological processes with physical processes (e.g., via hydrology, fluvial geomorphology, biogeochemistry, sediment transport, or climate dynamics) are particularly encouraged to apply. **Required:** Earned doctorate in a discipline related to aquatic or riparian ecology, at time of employment; record of research accomplishment as demonstrated by peer-reviewed publications and/or extramural grantsmanship; demonstrated ability and/or potential to successfully teach and mentor students at the graduate and undergraduate levels. **Preferred:** Demonstrated ability to develop collaborations with colleagues within and outside of home School and Colleges, helping to further integrate the School into University-wide focal areas; ability to work and communicate with a variety of constituencies, including governmental agency representatives, and persons of diverse cultures and backgrounds. For questions about this position contact Kent Keller, 509-335-3040, ckkeller@wsu.edu.

Screening begins November 13, 2012. To apply for either of the searches visit: https://www.wsujobs.com. Application materials must include a letter describing how your experience and training meet qualifications for the position, a research plan, a statement of teaching philosophy, current vitae, and names and contact information for three professional references.

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**Faculty Positions in Continental Margins and Coastal Environments**

Scripps Institution of Oceanography (SIO) at UC San Diego (http://sio.ucsd.edu) is committed to academic excellence and diversity within the faculty, staff, and student body. SIO is a world renowned center of marine research with approximately 200 principal investigators leading research programs on all aspects of earth, ocean and atmospheric sciences.

**Coastal Processes #10-439:** We seek outstanding candidates with complementary interests in the physical oceanography of the coastal environment. Topics of interest are focused on the shelf, inner shelf, and near shore, including tidal inlets, estuaries, river mouths, beaches, and headlands. Some examples of physical interest are: surf zone processes; surf zone-inner shelf exchange; sediment, chemical, and biological transport; waves (internal and surface); and coastal response to sea level changes or human activity.

**Coastal Ecology #10-440:** We seek outstanding candidates with expertise in the biology and ecology of the coastal environment. Areas of interest broadly include the interactions of marine organisms with one another and with their physical and chemical environment. Research topics may include the ecology of benthic and pelagic organisms, ecological processes and regulatory mechanisms, population recruitment and connectivity, response to habitat changes and disruptions, biogeochemistry and genomic adaptation. Research programs that integrate observational, experimental and modeling approaches in the field and laboratory are encouraged.

**Geological, Geophysical and Geochemical Studies of Continental Margins #10-441:** We seek outstanding candidates from throughout the Earth sciences with complementary skills targeting continental margin development, evolution, and physical/chemical exchange across a variety of spatial and temporal scales. An emphasis on the marine portion of the system is envisioned, but candidates investigating onshore aspects of margin processes that cross the shoreline will also be considered. We encourage applicants whose research bears on key processes at margins, including geochemistry, geophysics, dynamics, seismology, tectonics, structural geology, geodesy, petrology, geochemical exchange (high- and low-temperature), geomorphology, glaciology, and ice-margin studies.

All successful candidates will be expected to teach classes, supervise research at both the graduate and undergraduate level and contribute to leadership on issues of equity and diversity. The positions require a PhD degree and a competitive record of publication, as well as evidence of the ability to conduct and fund an active research program consistent with the opportunity to have done so at this career level. The successful candidates will also have demonstrated the highest standards of scholarship and professional activity, or for junior scholars to have the potential thereof. The department is interested in candidates who have demonstrated commitment to excellence by providing leadership in teaching, research or service towards building an equitable and diverse scholarly environment.

Our preference is for hiring at the level of assistant professor for all positions, however appointments at all ranks may also be considered. Salary will depend on the experience of the successful applicant and will be based on the UCSD pay scales. Completed applications received by October 15, 2012 will be assured of consideration. Each position requires separate submission. All applications and related materials must be submitted electronically via Academic Personnel On-Line RECRUIT at: (https://apol-recruit.ucsd.edu). Emailed applications will not be accepted. Applicants should provide a current CV, cover letter including descriptions of their teaching experience, research interests, state if authorized to work in the U.S., and the names of three potential referees, along with their complete institution address, email address, phone and fax numbers, and a separate personal statement summarizing past or potential contributions to diversity (see http://facultyequity.ucsd.edu/Faculty-Applicant-C2D-Info.asp and http://sio.ucsd.edu/Diversity/ for further information). Questions about submission of applications may be addressed to Leslie Costi, (lcosti@ucsd.edu).

UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.
FACULTY POSITIONS in TYPE 1 DIABETES
SANFORD PROJECT/CHILDREN’S HEALTH RESEARCH CENTER
SANFORD RESEARCH/USD

The Sanford Project, a major multidisciplinary research initiative and part of the Children’s Health Research Center (CHRC, Sioux Falls, SD http://www.sanfordresearch.org/researchcenters/childrenshealth/), invites applications from researchers for full time faculty positions at the rank of Associate Scientist, Scientist, and Senior Scientist within Sanford Research/USD (http://www.sanfordresearch.org/) with commensurate rank of Assistant Professor, Associate Professor, and Full Professor in the Department of Pediatrics of the Sanford School of Medicine at The University of South Dakota. An historic $400 million gift by philanthropist Denny Sanford has allowed for expansion of Sanford Research/USD and provided for the establishment and dynamic development of The Sanford Project, the cutting-edge academics to bedside research initiative specifically focused on finding and delivering modern therapies for Type 1 Diabetes. We seek outstanding scientists to improve the understanding and treatment of diabetes. Areas of interest include beta cell biology, immunology, genetics, development and beta cell regeneration with a particular focus on translational approaches. Applicants should hold a PhD, MD or MD/PhD degree and complement the existing strengths and the interdisciplinary and collaborative nature of the CHRC. Junior candidates will be expected to develop independent research programs with extramural funding. Senior candidates should have a demonstrated track record of extramural grant support and publications and be capable of providing mentorship to junior faculty members within the CHRC while advancing their independent research programs. Researchers will join an energetic and collegial research community and hold both Sanford Research and Sanford School of Medicine faculty appointments.

Significant institutional support, including modern laboratory space and state-of-the-art facilities, will be provided in the Sanford Center. In addition, a comprehensive compensation package will be tailored to the individual’s qualifications. Sanford Health is an Equal Opportunity/Affirmative Action Employer. Candidates should submit a single PDF including a detailed curriculum vitae, a description of research experience and future plans. Candidates should also submit at least three letters of recommendation. All application materials should be sent by email to: David A Pearce Ph.D., Director, Children’s Health Research Center, Sanford Research/USD, Professor, Department of Pediatrics, Sanford School of Medicine of The University of South Dakota, 2301 E. 60th Street North, Sioux Falls, SD 57104; Telephone: 605-312-6004 FAX: 605-312-6071; Email: David.Pearce@sanfordhealth.org.

Yale School of Forestry & Environmental Studies
Junior or Senior Faculty Position in Tropical Forest Management

The Yale School of Forestry & Environmental Studies has an open rank, tenure-track opening for an exceptional natural scientist whose research focuses on the conservation and management of tropical forest resources. Ideal candidates will conduct interdisciplinary, field-based, hypothesis-driven research that bridges the social and biophysical sciences. They will also demonstrate potential for collaborating with natural, physical and social scientists at Yale and within a strongly interdisciplinary School. Areas of research could include: the science, policy and management of forest resources; biodiversity; climate-change related interventions; and the intersection between forest resource management, agriculture and land use. The ability to develop student field experiences, teach classes, and conduct research in both temperate and tropical systems would be an asset.

The successful candidate will be expected to develop an internationally recognized research program, and will teach introductory and advanced classes in the Yale School of Forestry & Environmental Studies and also in Yale College.

Applicants should submit a curriculum vitae, a statement of research and teaching interests, and the names of four references via email with the subject line “Environment Faculty Searches – Tropical Forest Management” to bcbsearch@yale.edu or via surface mail to: Tropical Forest Management Faculty Search, c/o Angela Kuhne, Dean’s Office, Yale School of Forestry & Environmental Studies, 195 Prospect Street, New Haven, CT 06511, USA.

Prior to applying, candidates should explore the School’s website (www.environment.yale.edu) and consider how their expertise can strengthen or complement the strengths of the existing faculty of the School. Applications received by October 5, 2012 will receive full consideration. For more information about the position, contact Assistant Dean Angela Kuhne at angela.kuhne@yale.edu.

Yale University is an Affirmative Action/Equal Opportunity Employer. Men and women of diverse racial/ethnic backgrounds and cultures are encouraged to apply.
Applications will be accepted until the position is filled. Review of applicants will begin after November 1, 2012.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Western University is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.
The University of Iowa
Department of Biology

The Department of Biology at the University of Iowa invites applications for an Assistant/Associate Professor position in the area of Genetics. Of particular interest are candidates whose research focuses on key genetic processes. These include, but are not limited to: DNA replication; transcription; translation; gene regulation; DNA repair and/or recombination; mutation and genome stability; and chromosome structure and behavior. Candidates using established genetic model systems and multifaceted approaches such as combinations of genetic, genomic, computational and molecular techniques are especially encouraged to apply. Candidates should have a clear interest in the Biology Department’s teaching mission, which includes teaching undergraduate courses in Genetics.

Applicants must have a Ph.D. in Genetics or a related discipline and relevant postdoctoral experience. Candidates at the Assistant Professor level should have a strong publication record and the ability to obtain extramural support. Candidates at the Associate Professor level should have experience as an Assistant Professor (or equivalent), a strong publication record, an international reputation, and a history of successful extramural funding.

The successful candidate will be expected to interact with the current Genetics group in the Department of Biology and participate in the innovative campus-wide “Genetics Cluster”. The Cluster is a University initiative that is designed to complement current expertise on campus in Genetics and promote interactions and collaborative research among Geneticists from several departments and colleges. Participation in the Genetics Cluster will be an important component in performance evaluations. An existing Interdisciplinary Genetics Graduate Program provides additional opportunities for interactions with graduate students and other Geneticists.

Applications should be submitted online at http://jobs.uiowa.edu under requisition number 61394. Applicants must provide a cover letter, curriculum vitae, statement of research objectives, statement of teaching experience and interests, no more than 4 relevant publications, and the names of three references. Formal screening of applications will begin on October 1, 2012 and continue until the position is filled.

The Department and the College of Liberal Arts and Sciences are strongly committed to gender and ethnic diversity. The University is an Affirmative Action/Equal Opportunity employer. Women and minorities are encouraged to apply.

University of Missouri
EVOLUTIONARY BIOLOGY
Faculty Position
Assistant or Associate Professor
Division of Biological Sciences

The Division of Biological Sciences (http://biology.missouri.edu) at the University of Missouri invites applications for an Assistant or Associate Professor in evolutionary biology. We are interested in candidates studying the processes of evolution, broadly defined, with research programs that form linkages to our current faculty. The campus strengths in life sciences include behavior, genetics, ecology, neurobiology, genomics, bioinformatics, and anthropology. The successful candidate will establish a research program that complements our existing strengths, develops cross-disciplinary collaborations, and attracts federal funding.

We offer a highly competitive salary and start-up package, an active doctoral program with institutional support for students, and a highly interactive faculty. Columbia, Missouri, is ranked among the top ten best college towns in the U.S. We are committed to ethnic, racial and gender diversity in our faculty and strongly encourage applications from women and members of groups underrepresented in mathematics and science.

Review of application materials (cover letter, CV, description of research plans and teaching interests, and contact information for three references, all compiled into a single PDF file) will begin October 15, 2012. Application submission instructions can be found at http://biology.missouri.edu/evosearch. Questions should be addressed to evosearch@missouri.edu.

Equal Employment Opportunity: The University of Missouri is an Equal Access, Equal Opportunity, Affirmative Action Employer that is fully committed to achieving a diverse faculty and staff. For more information, call the Associate Vice Chancellor of Human Resources Services/Affirmative Action officer at 573-882-4256. To request ADA accommodations, please call Human Resource Services at 573-882-7976. TTY users, please call through Relay Missouri, 1-800-RELAY (735-2966) or en Español at 1-800-520-7309.

Faculty Position
Center for Cell and Genome Science and the Department of Biology

The Center for Cell and Genome Science and the Department of Biology invite applications for a tenure-track faculty position in Biology at the Assistant Professor level; applications from more senior scientists will be considered as well. We are seeking a creative and independent person working in any area of cell biology or genome science who is pursuing quantitative, mechanistic approaches to fundamental problems in cell biology, including the development or application of novel experimental methods in imaging or genomics. The successful candidate will be expected to maintain a vigorous independent research program and contribute to teaching. The new faculty member will be provided with outstanding infrastructural support as a member of the Center for Cell and Genome Science with a primary appointment in the Department of Biology, and will also have access to graduate students from programs in Biology, Chemistry, Physics, Molecular Biology, Biological Chemistry and Neuroscience.

Candidates must hold a Ph.D. degree or equivalent, preferably in Biology, Chemistry, Biophysics or Biological Chemistry. Review of applications will commence November 1, 2012 and will continue until the position is filled. Application for this position can be made at http://utah.peopleadmin.com/postings/9082.

The University of Utah is an Equal Opportunity/Affirmative Action Employer and Educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veterans preference. Reasonable accommodations provided. For additional information: http://www.regulations.utah.edu/humanResources/5-106.html. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students.

University of Missouri
EVOLUTIONARY BIOLOGY
Faculty Position
Assistant or Associate Professor
Division of Biological Sciences

The Center for Cell and Genome Science and the Department of Biology invite applications for a tenure-track faculty position in Biology at the Assistant Professor level; applications from more senior scientists will be considered as well. We are seeking a creative and independent person working in any area of cell biology or genome science who is pursuing quantitative, mechanistic approaches to fundamental problems in cell biology, including the development or application of novel experimental methods in imaging or genomics. The successful candidate will be expected to maintain a vigorous independent research program and contribute to teaching. The new faculty member will be provided with outstanding infrastructural support as a member of the Center for Cell and Genome Science with a primary appointment in the Department of Biology, and will also have access to graduate students from programs in Biology, Chemistry, Physics, Molecular Biology, Biological Chemistry and Neuroscience.

Candidates must hold a Ph.D. degree or equivalent, preferably in Biology, Chemistry, Biophysics or Biological Chemistry. Review of applications will commence November 1, 2012 and will continue until the position is filled. Application for this position can be made at http://utah.peopleadmin.com/postings/9082.

The University of Utah is an Equal Opportunity/Affirmative Action Employer and Educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veterans preference. Reasonable accommodations provided. For additional information: http://www.regulations.utah.edu/humanResources/5-106.html. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students.

Texas Tech University
Department of Chemistry and Biochemistry

The Department of Chemistry and Biochemistry (http://www.depts.ttu.edu/chemistry/) invites applications for tenure-track positions (open rank) in the area of Chemical Biology. The successful candidates will establish a strong independent research program in drug discovery and development or other areas of chemistry applied to biology, including the plant sciences. Areas of specialization are open, but should complement the interests of a new program in Chemical Biology, and will be pursued in conjunction with the Department of Chemistry. The successful candidates will be expected to cooperate closely with other departments, including the School of Medicine, in terms of research funding, publications and graduate education. Texas Tech University is classified as a doctoral research-extensive university by the Carnegie Foundation and has recently qualified to receive funding from the State of Texas National Research University Fund. It has an enrollment of more than 32,000 students, and is one of the major, state-supported, multidisciplinary universities of the Southwest. A School of Medicine is located on the main campus in Lubbock.

All applications must be submitted online. Online faculty application for requisition number 86749 can be found at http://jobs.texastech.edu. Applications must include a curriculum vita, statement of proposed research and teaching philosophy, and for applicants at the Assistant or Associate Professor level must also arrange to have three confidential letters of recommendation sent on their behalf, directly to Dr. W. David Nes, Chair of Chemical Biology Search Committee, Department of Chemistry and Biochemistry, Texas Tech University, Box 41061, Lubbock, TX 79409-1061 (wdavid.nes@ttu.edu). Evaluation of applications will begin on October 15, 2012, and continue until the positions are filled.

Texas Tech University is an Affirmative Action/Equal Opportunity Employer, committed to excellence through diversity. Texas Tech welcomes applications from minorities, women, veterans, persons with disabilities, dual-career couples, and all qualified persons.
Brown University
Molecular Toxicology/Environmental Carcinogenesis
Open Rank Faculty Position

Applications with outstanding research accomplishments are invited for an open rank faculty position (tenure-track Assistant Professor, tenured Associate or Full Professor) in the Department of Pathology and Laboratory Medicine at the Warren Alpert Medical School of Brown University. Appointments at the senior levels require a successful track record of peer-reviewed funding and a national (Associate Professor) or international (Full Professor) reputation. Strong commitment to teaching and mentoring is expected. Applicants must have a Ph.D., Sc.D., and/or M.D. degree and postdoctoral research experience. Applicants should have a laboratory-based research program in molecular mechanisms of environmentally-induced disease. The appointee will participate in undergraduate, graduate and/or medical teaching and mentoring. Research space will be provided in a newly-remodeled laboratory with modern core facilities for molecular pathology and histology, imaging, genomics and proteomics, flow cytometry, analytical chemistry, nanotechnology, and access to Human Tissue Banks.

Interested candidates can apply on line at https://secure.interfolio.com/apply/14217 and the following documents should be uploaded: curriculum vitae, names of five references (three for Assistant Professor applications), and a statement of research plans and career objectives. Review of applications will begin on November 1, 2012 and will continue until the position is filled.

Brown University is an Equal Opportunity (EEO/AA) Employer and is committed to increasing the diversity of its faculty. It welcomes nominations and applications from minorities, women, and individuals with varied experiences, perspectives and backgrounds, which would enrich the university's research, teaching and service missions.

J. Craig Venter Institute
OPEN FACULTY POSITIONS
La Jolla, CA and Rockville, MD

For nearly two decades our scientists have been at the forefront of the genomic revolution. Now, we want you to join us in our quest!

J. Craig Venter Institute (JCVI) scientists have been unraveling and understanding the complexities of life as contained in the genomes of thousands of microbes, plants, and mammals, including humans. Our success is built on the philosophy of conducting science boldly in new interdisciplinary ways, using new tools and with the best scientists.

JCVI is seeking qualified applicants for positions at all levels particularly in the following research focus areas:

- Human and stem cell genomics
- Environmental genomics
- Human microbiome research
- Dynamics of host/pathogen interactions
- Synthetic biology
- Bioenergy
- Bioinformatics and computational biology
- Virology and vaccine development

Successful candidates will conduct innovative, independent research, collaborate with our interdisciplinary, highly collegial group of scientists within JCVI, and complement existing strengths within the Institute. Candidates must have a Ph.D. or M.D., a minimum of three years of Post-Doctoral research training, and be able to demonstrate the ability to establish and maintain a vigorous independent, externally funded research program. The level of appointment will be commensurate with experience.

JCVI offers an excellent working environment and a competitive benefits package. Interested applicants should apply directly in our career center by submitting their CV and a cover letter which includes a description of research interests and contact information for three references. JCVI's Career Center is located on our web site at www.jcvi.org.

Equal Opportunity Employer M/F/D/V

UC San Diego
SKAGGS SCHOOL OF PHARMACY
AND PHARMACEUTICAL SCIENCES

Chemical Biology/Medicinal Chemistry
Faculty Position

The University of California, San Diego initiative in drug discovery invites applications from highly creative chemists for a tenure-track or tenured faculty position at the Assistant, Associate or full Professor level. The successful candidate will become part of the new Drug Discovery Institute, and will play a leading role in drug discovery efforts at UCSD by developing independent projects and cross-campus collaborations aimed at the identification, synthesis and optimization of new bioactive molecules, target validation, and assay development. He or she will also contribute to team-taught courses for Ph.D., Pharm.D., and M.D. students. The candidate should have a Ph.D. in chemical biology, synthetic organic chemistry, medicinal chemistry, or a closely related field.

UCSD offers a superb environment for interdisciplinary research, and many SSPPS faculty members hold joint appointments with other departments, such as Chemistry & Biochemistry and Pharmacology. The SSPPS has strong collaborations across the entire campus, including the Scripps Institution of Oceanography, Moores Comprehensive Cancer Center, and the Departments of Chemistry and Biochemistry, Pharmacology, Cellular and Molecular Medicine, and Medicine. Opportunities also abound for interactions with The Scripps Research Institute, Salk Institute, Sanford Burnham Institute, and La Jolla Institute of Allergy and Immunology, as well as hundreds of local pharmaceutical and biotechnology companies. State of the art facilities for chemical synthesis, high resolution NMR, mass spectrometry, and various spectroscopies, along with outstanding laboratory space, are available in the Pharmaceutical Sciences Building within the UCSD Health Sciences Center.

Candidates must have an outstanding record of scientific achievement, demonstrated by publications and patents. Strong independent grant funding and proven teaching experience are highly valued, and individuals with industrial experience are also encouraged to apply. Three letters of recommendation providing evaluations of the candidate’s research caliber must be provided. Salary and appointment level will be commensurate with qualifications and experience and based on published UC pay scales for the Health Sciences. The successful candidate should be appointed by July 1, 2013; applications will be accepted until the position is filled.

Refer to job number 10-453 under the Faculty section at http://pharmacy.ucsd.edu for information. To apply, send a detailed resume/curriculum vitae and a statement of research interests and plans to: Chair, Search Committee for Chemical Biology, c/o Cynthia Barlow, Human Resource Manager, Skaggs School of Pharmacy and Pharmaceutical Sciences MC 0657, University of California, San Diego, 9500 Gilman Drive, La Jolla, CA 92093-0657. E-mail: ssppsapo@ucsd.edu.

Please reference advertisement #SCIENCE2012JNRL.

UCSD is an Affirmative Action/Equal Opportunity Employer committed to excellence through diversity. Review of applications will begin September 1, 2012 and will continue until the position is filled.
The Department of Physiology and Pharmacology at Des Moines University seeks to fill two open-rank, tenure-track faculty positions. The department aims to fill one position in the area of physiology and a second position in the area of pharmacology. Desirable applicants will either have preparation and expertise in physiology or pharmacology with an interest in teaching in the medical, pediatric, and health sciences curricula. Preference will be given to those candidates with demonstrated success in teaching a variety of physiology or pharmacology content areas. Applicants interested in the positions at the rank of Associate or Full Professor must have record of achievement in medical or health professions education, and a history of extramural funding. Des Moines University is committed to advancing its research enterprise and fostering an environment conducive to individual and collaborative scholarly success through the cultivation of distinctive faculty and student researchers who discover and disseminate new knowledge. Therefore, desirable applicants will be able to demonstrate the potential to develop an innovative and extramurally funded research program that will augment the department’s current research strengths. Applicants must have an earned Ph.D. or equivalent and a minimum of two years postdoctoral experience.

For full consideration, candidates are invited to submit a letter of application stating their interest along with their curriculum vitae, a concise statement of teaching interests and educational philosophy, a well-defined research plan including specific aims and objectives and contact information for three references using the online applicant tracking system at www.dmu.edu/employment. Review of applications will begin October 1st, 2011 and continue until a successful candidate is identified and hired.

Candidates with questions specific to this position may contact the Search Committee Chair, Dr. Matt Henry at Matthew.Henry@dmu.edu. For complete job description, Faculty benefit summary and/or information on Des Moines University, please visit www.dmu.edu/employment.

Des Moines University is an Equal Opportunity/Affirmative Action Employer. The University seeks excellence through diversity among its administrators, faculty, employees and students. The University prohibits discrimination on the basis of race, color, national origin, creed, religion, age, disability, sex, gender identity, sexual orientation, veteran status, genetic information or any other legally protected status. Applications by members of all underrepresented groups are encouraged.

Two Faculty Positions:  
Genome Architecture/Function  
Molecular Cell Biology  
Biochemistry and Molecular Biology Department  
Colorado State University

The Department of Biochemistry and Molecular Biology seeks applicants for two tenure-track positions at the Assistant or Associate Professor level. For the position in Genome Architecture/Function, we encourage individuals with a strong background in studying DNA-related processes in eukaryotes (e.g. transcription, DNA repair and replication, cell division, genomics or epigenetics) to apply. For the position in Molecular Cell Biology, we are seeking candidates with an interest in studying molecular mechanisms of eukaryotic cellular processes and cell architecture (e.g. regulation of the cytoskeleton, cell cycle control, protein trafficking and folding, and cell motility). The Department has outstanding research programs in the areas of cell, molecular, and structural biology, with a strong core group studying the molecular mechanisms of cellular functions ranging from transcription to cell division. The two positions are part of a strategic plan designed to further strengthen and expand these areas of excellence and, therefore, candidates are expected to complement the current strengths in our department. Required credentials include a doctoral degree, post-doctoral experience, and evidence of expertise in the broad areas defined above. Candidates applying for appointment as an Associate Professor must have an internationally recognized and well-funded research program.

Applicants should submit their application on-line, and upload their curriculum vitae, statements of research and teaching interests at: http://cnst.natsci.colostate.edu/employment/BMB/. Applicants at the Assistant level should request three reference letters. Referees will be sent an access code (using the contact information provided by the applicant) for submitting the letters online. Applicants at the Associate level will be asked to supply reference letters should they be selected as a semi-finalist. The co-chairs of the search committee are Dr. Karolin Luger and Dr. Jennifer DeLuca. For full consideration, complete applications should be received by November 1, 2012. However, applications may be considered until the positions are filled. Complete applications of the semi-finalist candidates will be available to department faculty for review.

Colorado State University is an EO/EA-AA Employer. Colorado State University conducts background checks on the final candidates.

Facultysearch.ski.edu

Memorial Sloan-Kettering Cancer Center

The Best Cancer Care. Anywhere.

FACULTY POSITION

Cell Biology Program

The Cell Biology Program, Sloan-Kettering Institute (www.ski.edu) has initiated a search for tenure-track faculty members. We are interested in outstanding individuals who have the potential to develop an innovative, independent research program that complements and enhances our existing strengths.

Candidates with research interests in exciting areas of eukaryotic cell biology, including aspects of stem cell biology, and using a variety of experimental approaches and systems are encouraged to apply.

New faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Training Program. Sloan-Kettering has an outstanding infrastructure as well as state-of-the-art core facilities resources, and we are expanding our research programs.

The deadline for applications is November 1, 2012. Interested candidates should visit http://facultysearch.ski.edu to access the on-line faculty application. Please visit the site as soon as possible, as it contains important information regarding the required application materials, including deadlines for submission of letters of reference. Informal inquiries may be sent to Tiffany Lennon at lenmont@mskcc.org or Dr. Alan Hall, Chair, Cell Biology Program at halla@mskcc.org.

facultysearch.ski.edu

MEMORIAL SLOAN-KEETTERING CANCER CENTER

The Best Cancer Care. Anywhere.

TENURE TRACK FACULTY POSITION

Cancer Pharmacology or Drug Discovery

Sloan-Kettering Institute is seeking an innovative individual who wishes to address problems of relevance to cancer drug discovery and development for a tenure-track position at the Assistant or Associate Member level with strong research accomplishments in biology, biochemistry or pharmacology. Faculty will be eligible to hold graduate school appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Training Program and Tri-Institutional Training Program in Chemical Biology.

MSKCC offers a unique and exciting research environment with programs in Immunology, Pharmacology, Chemistry, Molecular Biology, Computational Biology, Genetics, Cell Biology, Developmental Biology, Cellular Biochemistry and Structural Biology. The presence of world-renowned clinical programs in cancer research, treatment and prevention offers unique opportunities for creative collaboration.

Applicants should have a PhD and/or MD degree, postdoctoral experience, and dedication to important problems at the interface of biology, biochemistry or chemistry as they relate to cancer pharmacology.

The deadline for applications is November 1, 2012. Interested candidates should visit http://facultysearch.ski.edu to access the on-line faculty application. Please visit the site as soon as possible, as it contains important information on the required application materials, including deadlines for submission of letters of reference. Inquiries may be sent to Marie Aiello at aiellom@mskcc.org or to Dr. David Scheinberg, Chairman, Molecular Pharmacology and Chemistry Program at scheinbd@mskcc.org.

facultysearch.ski.edu

Facultysearch.ski.edu

MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.
The best ideas in medicine start with the best people.

At Stony Brook Medicine, our highest calling is to put the power of ideas to work in our patients’ lives. Stony Brook Medicine integrates and elevates all of Stony Brook University’s health-related initiatives: education, research and patient care. It includes Stony Brook University Hospital, Long Island’s premier academic medical center. With 597 beds, SBUH is the region’s only tertiary care center and Regional Trauma Center. We are home of the Stony Brook Heart Institute, Stony Brook Cancer Center, Stony Brook Long Island Children’s Hospital, Stony Brook Neurosciences Institute and Stony Brook Digestive Disorders Institute. At Stony Brook Medicine, we put the power of ideas to work. Join our team at Stony Brook Medicine – the best ideas in medicine.

Deputy Director of Clinical Affairs

The Stony Brook University Cancer Center is seeking candidates and nominees for the Deputy Director for Clinical Affairs. The candidate will provide leadership in the Cancer Center's clinical affairs, clinical research activities and training. The Deputy Director for Clinical Affairs will have the opportunity to oversee the recruitment of up to ten new faculty positions with expertise in clinical or translational cancer research, working with the Director and Chairpersons of key departments.

The successful candidate will help formulate and execute the Cancer Center’s clinical strategic plan and be actively engaged in the oversight and quality management of multidisciplinary cancer care. The Deputy Director for Clinical Affairs position entails working closely with the Director to further advance clinical research, including clinical trials programs, with the ultimate goal of becoming an NCI-designated cancer center. The Deputy Director will work closely with both internal and external advisory boards, and with the Advancement Office. The selected candidate will hold a faculty appointment in the appropriate School of Medicine academic department. With the recent approval of the NYSUNY 2020 Challenge Grant to the University and the announcement of the largest gift ever to public higher education in the State of New York, Stony Brook Medical School is embarking on a transformational expansion of the biomedical and clinical research enterprise. The investment in cancer research will include major program development, including the development of new programs and the construction of a new state-of-the-art 250,000 sq. ft. research and clinical cancer center.

Applicants for this position should have a record of extramural funding and accomplishments in clinical and/or translational research, as well as experience in developing complex integrative programs. Candidates should demonstrate the highest level of ethical conduct and a commitment to diversity. Required Academic and Professional Credentials: The successful candidate will have an MD degree and demonstrated administrative leadership and clinical research experience. Must be eligible for a tenured faculty appointment in accordance with the criteria established by the School of Medicine (School of Medicine’s Criteria for Appointment, Promotion and Tenure). Review of applications will continue until the position is filled. For a full position description, application procedures or to apply online, visit www.stonybrook.edu/jobs (Ref. #: F-7431-12-08). Nominations and applications, including a State employment application and curriculum vitae, should be submitted to:

Theodore G. Gahig, MD, Professor and Chief Division of Medical Hematology/Oncology Search Committee Chair c/o Ms. Lauren Cutaia, Health Sciences Tower L-4, Room 178, Stony Brook, NY 11794-8430

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

UNIVERSITY OF LOUISVILLE

The Center for Oral Health and Systemic Disease

University of Louisville Faculty Positions

The Center for Oral Health and Systemic Disease (http://louisville.edu/dental/oralhealth), housed in the School of Dentistry at the University of Louisville, invites applications for two full time tenure/tenure track positions at the level of Associate, Full Professor. The Center comprises investigators focused on microbial pathogenicity, innate immunity and inflammation, and we are looking for applicants interested in fundamental disease mechanisms and host responses. Applicants should possess the Ph.D., D.D.S./D.M.D. or equivalent degree. At the Assistant Professor level a minimum of 3 years postdoctoral experience is required. The successful applicant will demonstrate creativity and research excellence, and be expected to develop a strong independent research program. At the Associate or Full Professor level the successful candidate will have an outstanding record of innovative, well-funded research and will be expected to maintain a strong extramurally funded research program. Competitive startup packages along with opportunities for cross appointments in a basic science department in the School of Medicine are available.

Applications should be made online (http://louisville.edu/hr/employment/current-openings) and include a curriculum vitae, a statement of research interests and goals, and contact information for three referees. Informal inquiries can be directed to Richard J. Lamont, Ph.D., Director, Center for Oral Health and Systemic Disease, rich.lamont@louisville.edu. Completed applications will be reviewed on a rolling basis until the positions are filled.

The University of Louisville is an Affirmative Action, Equal Opportunity, Americans with Disabilities Employer, committed to diversity and in that spirit, seeks applications from a broad variety of candidates.

Bioinformatics Graduate Program Faculty Position

The Bioinformatics Graduate Program at Boston University invites applications from energetic and promising teacher-scientists for a tenure-track assistant professorship. The Program, centered in the interdisciplinary Life Science and Engineering Building in the heart of Boston, is University-wide and includes some 50 faculty from the Colleges of Engineering, Arts and Sciences, components of the Medical campus including the National Emerging Infectious Disease Laboratory (NEIDL), and adjunct faculty from major biotechnology companies, the Broad Institute, Harvard Medical School, and the National Institutes of Health. Graduate students are drawn from diverse disciplines, and selection is extremely competitive. More than 60 PhD students are currently pursuing leading edge research in areas ranging from whole-genome analysis, structural genomics, and systems biology, to clinical applications (http://www.bu.edu/bioinformatics/).

The successful candidate will have concrete plans for establishing a world-class computational research program in one of the following areas: evolutionary biology, population genetics, systems biology, proteomics or comparative genomics. Exceptionally strong candidates in other areas may also be considered. Candidates must have a strong biological and computational background, with primary training in either mathematical statistics, chemistry, physics, computer science or a life science.

Review of applications will begin on 30 November 2012 and continue until the position is filled. Applicants must apply through AcademicJobsOnline.org, job reference number 1875, by submitting a CV, a complete bibliography, a research plan, a statement of teaching interests, and at least three letters of recommendation.

Boston University is an Equal Opportunity/Affirmative Action Employer.
PRINCETON UNIVERSITY

ASSISTANT PROFESSORSHIP
MOLECULAR EVOLUTION

Princeton University’s Departments of Ecology and Evolutionary Biology and of Molecular Biology jointly plan to hire one individual at the level of tenure-track Assistant Professor, with a focus on molecular evolution. We seek an individual who would have strong connections in both departments. Sample areas might include, but are not limited to, microbial evolution, experimental evolution, epigenetics, metagenomics, and/or the evolution of development, using traditional and/or emerging model systems. We seek applicants who pursue experimental research that aims for significant conceptual and empirical integration across traditional disciplinary boundaries and who have a strong commitment to teaching.

Applicants should write a vision statement, no longer than 2 pages, that outlines one or more major unsolved problems in their field and how they plan to address them. The vision statement must be more than a précis of the applicant’s prior and current research. Applications, including the vision statement, curriculum vitae, three reprints and contact information for three references, can be submitted online via http://jobs.princeton.edu, requisition #1200524. Screening of applications will begin 1 October, 2012.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.

Gladstone Institutes and the University of California, San Francisco

The Gladstone Institute of Neurological Disease and the University of California, San Francisco (UCSF) invite applications for a faculty position at the level of Assistant, Associate, or full Professor. Primary criteria for appointment will be outstanding records of innovative research and academic performance, including landmark papers in leading journals, as well as proven abilities or high potential to establish a rigorous and substantial independent research program, provide exemplary mentorship, and engage in fruitful collaborations.

The successful candidate will join an interactive group of investigators in Gladstone’s state-of-the-art research facility at UCSF’s Mission Bay campus. S/he will have joint appointments in the Gladstone Institute of Neurological Disease and in the Neurosciences Graduate Program and the Biomedical Sciences Graduate Program at UCSF. Excellent salary support is provided. Women and underrepresented minorities are especially encouraged to apply. The search will continue until the position is filled. However, to ensure full consideration, applications should be received by November 1, 2012.

Please send curriculum vitae, description of achievements and research interests, and the names of three references to:

GIND/UCSF Search Committee
1650 Owens Street
San Francisco, CA 94158
gindsearch@gladstone.ucsf.edu

UNIVERSITY OF MICHIGAN
FACULTY POSITIONS IN MOLECULAR, CELLULAR, AND DEVELOPMENTAL BIOLOGY

The Department of Molecular, Cellular, and Developmental Biology in the College of Literature, Science and the Arts at the University of Michigan solicits applications for faculty positions at the assistant professor level, but appointment at a more senior level is possible for applicants with suitable experience. The faculty position will be tenured or tenure track, but a suitable appointment at a more senior level is possible for applicants with extramurally funded research program and to be involved in instruction of both undergraduate and graduate students.

We welcome applications from outstanding biologists in any area of research within the scope of the department, which includes genetic, physiological, and biochemical studies of model organisms (plants, animals, and microbes). We particularly encourage applicants studying genomes/biological networks, molecular/cellular neuroscience, plant molecular biology, or structural biology. For further information about research areas in the department, please visit www.medb.lsa.umich.edu.

All applications must be submitted on-line at http://www.medb.lsa.umich.edu/recruitment. You will be asked to upload the following materials: A cover letter, a curriculum vitae, a brief summary of recent research accomplishments and statement of future research plans, a statement of teaching interests and philosophy, and evidence of teaching excellence for those who have teaching experience. Candidates for appointment as an assistant professor should provide names and contact information for at least three references, as instructed in the on-line application form. To ensure full consideration, all materials should be received by October 8, 2012.

Women and underrepresented minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer.

Stanford University’s Departments of Biology and of Molecular and Microbial Biology jointly plan to hire one individual at the level of tenure-track Assistant Professor, with a focus on molecular evolution. We seek an individual who would have strong connections in both departments. Sample areas might include, but are not limited to, microbial evolution, experimental evolution, epigenetics, metagenomics, and/or the evolution of development, using traditional and emerging model systems. We seek applicants who pursue experimental research that aims for significant conceptual and empirical integration across traditional disciplinary boundaries and who have a strong commitment to teaching.

Applications or nominations are invited for an Assistant Professor position in the Department of Biochemistry. We are seeking individuals with an extraordinary record of scientific accomplishment and creativity working in any area of biochemistry, biophysics or molecular biology research, broadly defined. As a basic science department within the School of Medicine, we encourage applications focused on the molecular basis of human health and disease as well as those focused on fundamental mechanisms of life. The principal criterion for appointment in the University Tenure Line is a major commitment to research and teaching.

Candidates should submit a complete PDF document: a curriculum vitae including a list of publications, a description of research accomplishments and future plans, and contact information for three references to Biochemistry.Recrui...@stanford.edu. Applications should be received by December 7, 2012. References should send their letters electronically to the above email address or hard copy to: Search Committee Chair, Department of Biochemistry, Stanford University School of Medicine, 279 Campus Drive, Room B400, Stanford, CA 94305-5307.

Stanford University is an Equal Opportunity Employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from men and women of minority groups, as well as others who would bring additional dimensions to the University’s research, teaching and clinical missions.
The Department of Biology at Johns Hopkins is seeking to hire several talented new faculty members at the junior and senior levels. This is part of a major, multi-year expansion of the Department, including the addition of new faculty, infrastructure and research space. Successful candidates will have the opportunity to have a strong impact on their environment, forge strong connections with scientists throughout the Johns Hopkins community and influence the future direction of Biomedical research at Hopkins. More information about the Department can be found at http://http://www.bio.jhu.edu. Applications from women and minority candidates are especially encouraged. Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer.

**TENURED FACULTY POSITIONS FOR DISTINGUISHED FACULTY**

We invite applications from mid-career faculty at the level of Associate or Full Professor with Tenure. Candidates should be distinguished in their field of study with a strong track record of productivity and funding. Candidates in any area of Biology will be considered, but those that complement the department’s current strengths, bridge traditional disciplinary boundaries and can form collaborations between departments are particularly attractive. Please submit your confidential application files, including a CV, statement of current and future research, and statement of teaching interests and philosophy to: http://www.interfolio.com/apply/14654. We will begin reviewing applications on October 15, 2012; the search will remain open until all positions are filled.

**TENURE-TRACK FACULTY POSITIONS IN GENOMIC GENOMICS**

We invite applicants who apply genomic, bioinformatic and quantitative approaches to investigate biological problems in creative and innovative ways. Candidates that bridge traditional disciplinary boundaries will be particularly attractive. Successful candidates will be expected to establish a vibrant research program and to participate in undergraduate and graduate teaching. Please submit your application files including a CV, statement of current and future research, and statement of teaching interests and philosophy, and arrange to have three confidential letters of recommendation submitted through: http://www.interfolio.com/apply/14207. The deadline for receipt of all materials is November 1, 2012.

**TENURE-TRACK FACULTY POSITIONS IN BIOLOGY**

Candidates in any area of Biology will be considered, but areas we have specifically targeted for growth include: organization and regulation of the genome, metabolite regulation of cellular processes and physiology, microbiology and host-microbe interaction, stem cell biology and regeneration. Candidates that bridge traditional disciplinary boundaries will be particularly attractive. Successful candidates will be expected to establish a vibrant research program and to participate in undergraduate and graduate teaching. Please submit your application files including a CV, statement of current and future research, and statement of teaching interests and philosophy, and arrange to have three confidential letters of recommendation submitted through: http://www.interfolio.com/apply/14207. The deadline for receipt of all materials is November 1, 2012.

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**UC DAVIS**

**Assistant Restoration Ecology Specialist in Cooperative Extension**

Department of Plant Sciences

Assistant Specialist in Cooperative Extension. An 11-month, career-track extension position with 100% Cooperative Extension responsibilities located in the UC Davis Department of Plant Sciences. Candidate will provide statewide research and extension leadership in restoration and conservation of multiple goals in working landscapes, including a focus on both natural (e.g., grasslands, wetlands, woodlands) and managed (e.g., rangeland, agricultural, urban, parks) ecosystems, and their interactions. Focal goals include, but are not limited to: safe and sustainable forage and food production; conservation and restoration of diverse species; enhanced provisioning of fertile soil, pollination, clean air, and control over pests and erosion. This CE Specialist will bring statewide leadership, visibility, and cohesion to an interdisciplinary team of land grant researchers and educators to improve the success of ecosystem restoration projects. This position will support the ANR Rangeland Watershed Workshop that coordinates the natural resources research and education activities of more than 40 CE advisors, CE specialists and AES researchers. Research will be conducted in the laboratories and fields at UC Davis, on diverse stakeholder lands (e.g. nature reserves, local, state and federal lands, and commercial farms and ranches), and at UC Field Stations located throughout California. Specific research could include improving land management practices, developing site specific restoration and invasive species control guidelines and monitoring restoration progress in an effort to provide diverse plant communities/habitats and stable watersheds that ensure sustainable forage production, provide safe supplies of water, resist pest invasions, aid beneficial insects and support safe sustainable food systems. The candidate is expected to develop a nationally-recognized program, secure extramural funding, and publish research results in appropriate refereed journals and reports. Candidate will interact with diverse clientele groups, provide farm advisor training and advising, and develop an affirmative action program. Candidate will have the opportunity to participate in departmental teaching and in directing undergraduate and graduate research. Requirements include: a Ph.D. in restoration ecology, ecosystem management, rangeland ecology, plant ecology, plant biology, plant science, weed science, soil ecology, or a closely related field; leadership ability, management and communication skills; ability to conduct independent research must be demonstrated. Candidates should begin the application process by registering online at http://recruitments.plantsciences.ucdavis.edu/. Please include statements of research and extension interests, curriculum vitae, publication list, copies of 3 of your most important research publications, copies of undergraduate and graduate transcripts (if within 5 years of either degree), and the names, e-mail addresses, and telephone numbers of at least five professional references. For administrative questions regarding the application process, please email Ms. Baljit Nijjar, bnijjar@ucdavis.edu. Review of the applications for this position will begin November 1, 2012. The position will remain open until filled.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.
ASSISTANT PROFESSOR
The Department of Biological Chemistry at the University of Michigan (UM) invites applications from outstanding junior investigators for a tenure-track position as an Assistant Professor. The Department seeks candidates with a strong commitment to research programs emphasizing mathematical or computational techniques to study the evolution of dynamical processes far from equilibrium in the context of any of the following: biology, chemistry, or materials from an interdisciplinary perspective. The successful candidate’s primary appointment will be in a single department in the natural sciences: Biology, Chemistry, Earth and Environmental Science, Linguistics, Mathematics, Physics, and Astronomy, or Psychology. Secondary appointments in other departments can be arranged, as appropriate. The appointment will be in the first of a cluster of appointments across the natural sciences in various aspects of evolution; the successful candidate should therefore have a strong interest in building such a program and in interacting with researchers from other disciplines whose research lies within these domains. The successful candidate will teach courses in his or her home department and will participate in the development of curriculum pertinent to the theme of the cluster.

Applications should be submitted online at the SEARCH COMMITTEE website: http://www.biochem.med.umich.edu. Applications should be assembled into a single PDF file and include a cover letter, an NIH Biosketch, curriculum vitae, and a brief Research Plan (three pages). All materials should be sent to the Junior Faculty Search Committee electronically, care of Amanda Howard (e-mail: amanhowa@umich.edu). Three letters of reference should also be sent directly to the Search Committee electronically (e-mail: amanhowa@umich.edu). Alternatively, letters can be sent as hard copies to: Committee on Faculty Search, Department of Biological Chemistry, 5301 MSBIII, 1150 West Medical Center Drive, University of Michigan Medical School, Ann Arbor, MI 48109-0006. Review of applications will continue beginning October 15, 2012 and continue until the position is filled. Initial interview offers will be made by December 15.

YALE UNIVERSITY
Energy Sciences Institute
Yale University seeks to recruit faculty at the ASSISTANT PROFESSOR level to the newly established Energy Sciences Institute. The Institute is one of several science engineering initiatives located at Yale’s West Campus, a recently acquired 137-acre campus that has provided the University with unparalleled opportunities to stimulate and support cutting-edge, interdisciplinary research. We seek creative teacher-scholars who will have primary appointments in either the Chemistry Department or the School of Engineering and Applied Science. Candidates must have a Ph.D. in a relevant discipline, and an outstanding record of research that demonstrates originality in addressing significant questions in the study of energy. The Search Committee is particularly interested in individuals with expertise and research interests in the conversion of solar energy into clean fuels and carbon capture and sequestration. Applicants should create a profile at website: https://academicjobsonline.org/ajo/jobs/1722 and upload their curriculum vitae, a statement of future research goals, a separate PDFs to Dr. Steven Juliano, c/o Sally Little via e-mail: sallit2@ilstu.edu. Review of applications will begin on November 1, 2012 and continue until the position is filled.

ASSISTANT PROFESSOR
The University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer and is strongly committed to establishing a diverse faculty: website: http://www.upenn.edu/almanac/volumes/58/n02/diversityplan.html.

YALE UNIVERSITY Energy Sciences Institute
Yale University seeks to recruit faculty at the ASSISTANT PROFESSOR level to the newly established Energy Sciences Institute. The Institute is one of several science engineering initiatives located at Yale’s West Campus, a recently acquired 137-acre campus that has provided the University with unparalleled opportunities to stimulate and support cutting-edge, interdisciplinary research. We seek creative teacher-scholars who will have primary appointments in either the Chemistry Department or the School of Engineering and Applied Science. Candidates must have a Ph.D. in a relevant discipline, and an outstanding record of research that demonstrates originality in addressing significant questions in the study of energy. The Search Committee is particularly interested in individuals with expertise and research interests in the conversion of solar energy into clean fuels and carbon capture and sequestration. Applicants should create a profile at website: https://academicjobsonline.org/ajo/jobs/1722 and upload their curriculum vitae, a statement of future research goals, a separate PDFs to Dr. Steven Juliano, c/o Sally Little via e-mail: sallit2@ilstu.edu. Review of applications will begin on November 1, 2012 and continue until the position is filled. Initial interview offers will be made by December 15.

The University of Michigan is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF PENNSYLVANIA
The School of Arts and Sciences at the University of Pennsylvania invites applications for a tenure-track position as an ASSISTANT PROFESSOR in evolution, broadly interpreted. We are interested in exceptional candidates who have received recent Ph.D.s in the biological sciences or are completing similar research programs employing mathematical or computational techniques to study the evolution of dynamical processes far from equilibrium in the context of any of the following: biology, chemistry, or materials from an interdisciplinary perspective. The successful candidate’s primary appointment will be in a single department in the natural sciences: Biology, Chemistry, Earth and Environmental Science, Linguistics, Mathematics, Physics and Astronomy, or Psychology. Secondary appointments in other departments can be arranged, as appropriate. This position will be a part of a cluster of appointments across the natural sciences in various aspects of evolution; the successful candidate should therefore have a strong interest in building such a program and in interacting with researchers from other disciplines whose research lies within these domains. The successful candidate will teach courses in his or her home department and will participate in the development of curriculum pertinent to the theme of the cluster.

Applications should be submitted online at the website: facilitystudiesprospectivefacultyseas@prospectivefacultyseas.umn.edu. Alternatively, letters of recommendation may be submitted electronically to the Search Committee. Additional information is available online at the website: https://facilitiessearches.prospectivefacultyseas.umn.edu.

The University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer and is strongly committed to establishing a diverse faculty.

ASSISTANT PROFESSOR
The Department of Biology at the College of William & Mary seeks applications for a tenure-track position at the Assistant Professor level in Plant Physiology or Plant Development to begin August 16, 2013. The successful candidate will be expected to maintain an extramurally funded research program involving both undergraduate and Master’s degree students. Teaching responsibilities are a plant physiology course with laboratory, the lecture portion of a large course in integrative general botany to be taught in alternate years, and participation in the advising of the college’s Undergraduate Research Program. Candidates must demonstrate the potential and motivation to achieve excellence in teaching. This includes communication skills and the ability to engage highly motivated students in both large and small courses, from molecular to whole-organism levels of biological organization. Applicants must hold a Ph.D. with a focus in plant science at the time of application, and post-doctoral research experience is expected. Previous experience teaching undergraduate courses and mentoring research students would be viewed favorably. Candidates must apply online at website: https://jobs.wm.edu. Submit a cover letter, curriculum vitae, statement of teaching philosophy, a list of courses relevant to the botanical sciences taken and taught, and a list of references. For questions about the position, please contact Dr. Martha Case (e-mail: martha.case@wm.edu) or Dr. Steven Juliano, c/o Sally Little via email: sallit2@ilstu.edu. Review of applications will begin on November 1, 2012 and continue until the position is filled. Initial interview offers will be made by December 15.

William & Mary is an Equal Opportunity/AA employer with a strong commitment to diversity and to the principle of academic freedom. Women and underrepresented minorities are encouraged to apply.
Cell Biology Faculty Positions

The Department of Cell Biology at the University of Pittsburgh, School of Medicine seeks candidates for Assistant, Associate and/or Full Professor tenure stream and tenured faculty positions. We encourage applications from candidates with a strong record of research accomplishments in the broad area of cell biology, including, but not limited to intracellular signaling, membrane trafficking, organelle dynamics and biogenesis, cytoskeleton, autophagy and systems biology aimed at basic cell biology questions. The successful candidate will join an interactive, interdisciplinary group of faculty, students and fellows, and enjoy access to the state-of-the-art equipment and facilities at the University of Pittsburgh. Candidates must hold a Ph.D. or an equivalent degree. Highly competitive start-up, compensation and benefits packages are offered.

Curriculum vitae, statement of research interests, two recent most important papers, and e-mail addresses of three references can be sent to: cbprecru@pitt.edu. Review of applications will begin immediately and continue until the position is filled.

The University of Pittsburgh is an Equal Opportunity/Affirmative Action Employer.

Faculty Position in Developmental Neuroscience at Arizona State University

The School of Life Sciences at Arizona State University invites applications for an Assistant tenure track faculty position from individuals working on cutting edge issues in developmental neuroscience. Candidates performing research in the following areas are preferred:

1) Molecular and genetic approaches to examine mechanisms regulating embryonic or postembryonic neural development, stem cells and neural plasticity.
2) Functional genomic and/or epigenetic approaches to elucidate complex phenotypes in neurobiology, including development, regeneration, neurodegenerative diseases, and behavior.

The successful candidate will be expected to develop an innovative, externally funded research program, teach at the undergraduate and graduate levels, and have a commitment to outreach and service. The successful candidate will be expected to mentor undergraduate and graduate students as well as postdoctoral fellows. More information on neuroscience graduate education at ASU can be found at http://neuroscience.asu.edu. A competitive startup package and teaching load compatible with high research productivity will be provided. Arizona State University has made a commitment to accelerating the translation of basic discoveries into practical benefits for society through the construction of state-of-the-art research facilities and the recruitment of world-class faculty members. Faculty in this position will join a growing neurobiology research cluster in the School of Life Sciences, Department of Psychology, School of Biological and Health Systems Engineering, and the Biodesign Institute. Key collaborative opportunities exist with a wide range of partner institutions in the Phoenix metropolitan area, such as the Mayo Clinic, Phoenix Children’s Hospital, the Translational Genomics Research Institute, the Barrow Neurological Institute, and the Banner Alzheimer’s Institute.

Candidates must have a Ph.D. (or equivalent) in an appropriate field, and a minimum of 2 years of postdoctoral training is preferred. Demonstrated teaching and research excellence is preferred.

To apply, send a cover letter, your curriculum vitae, three representative publications, separate statements of future research plans and teaching philosophy and interests, and contact information for three references to be sent to Kenro Kusumi, Chair, Developmental Neuroscience Faculty Search Committee, School of Life Sciences, PO Box 874501, Tempe, AZ 85287-4501. Electronic applications sent as PDF files to solsfacultysearch2@asu.edu are preferred. The initial closing date for receipt of applications is October 14, 2012; applications will be reviewed weekly thereafter until the search is closed. For additional information on the School of Life Sciences, please visit http://sols.asu.edu.

A background check is required for employment. Arizona State University is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity. We especially encourage women and minorities to apply.

Chair of the Department of Molecular Biology and Immunology at the University of North Texas Health Science Center at Fort Worth

The Graduate School of Biomedical Sciences at the University of North Texas Health Science Center at Fort Worth (UNTHSC) is seeking applications for the position of Professor and Chair of the Department of Molecular Biology and Immunology.

Candidates must possess an M.D., D.O., Ph.D. or equivalent doctoral degree, have academic leadership experience or potential and a proven record of funded research in any of the following areas: biochemistry, cancer biology, oxidative stress and inflammation, microbiology, molecular biology or immunology. The candidate would be expected to recruit several new faculty and to lead the Department into national prominence. The Department of Molecular Biology and Immunology currently has 17 full-time faculty and 29 graduate students. The ongoing research and training activities are supported through multiple federal and non-federal grants. Additional information may be obtained at: http://www.hsc.unt.edu/departments/mbi/.

Interested applicants should submit their CV, a letter of interest, and the names and contact information of at least three references to https://www.unthsejobs.com. In addition, applicants should send a statement of career objectives electronically to Dr. Ladislav Dory at Lad.Dory@unthsc.edu. Applications will be entertained and reviewed until the position is filled.

UNTHSC is an EEO/Affirmative Action Institution.
FACULTY POSITION in Pharmacogenomics

The Department of Pharmaceutical and Biomedical Sciences in the South Carolina College of Pharmacy (website: http://scp.sc.edu/) invites applications from outstanding scientists for a twelve-month full time, faculty position at the level of tenure-track Assistant Professor or tenure-track or tenured Associate Professor in Pharmacogenomics. Successful candidates will possess a Ph.D. or equivalent degree, substantial postdoctoral experience, and a strong record of research accomplishments. The candidate will be expected to develop a strong, extramurally funded research program in Pharmacogenomics, have excellent oral and written communication skills, and participate in graduate and professional education. Salary is competitive and commensurate with experience. The Department has faculty members with expertise in University of South Carolina (Columbia) and in Charleston, SC (Medical University of South Carolina). Primary appointment is on the Columbia campus, with a joint appointment on the Charleston campus.

Interested candidates should apply directly through the University of South Carolina jobs website: https://uscjobs.sc.edu/. The request number for this position is 005268. As part of your application please include a cover letter, curriculum vitae, a statement of teaching interests, and the names of at least three references. Any questions concerning this position should be sent electronically to Dr. Kim E. Creek, Vice-Chair, Department of Pharmaceutical and Biomedical Sciences, University of South Carolina, c/ouscjobs.sc.edu. Applications will be reviewed continuously until the position is filled.

The University of South Carolina is an Affirmative Action/Equal Opportunity Employer and specifically invites applications from women and minorities.

RESEARCH SCIENTIST (San Diego, California): Prepare reports on development and characterization of cellular and molecular analysis. Assemble, maintain, and operate cytometers. Requirements: Master’s degree in Electronic Engineering with Minor in Biomedical Sciences. Send resume to: La Jolla Bioengineering Institute, 3535 General Atomics Court, Suite 210, San Diego, CA 92121; or fax: 858-486-7840.

POSITIONS OPEN

ASSISTANT PROFESSOR

Bacteriology/Microbiology

The Department of Bacteriology at the University of Wisconsin-Madison invites applications for a faculty position in Bacteriology/Microbiology at the Assistant Professor level. The Department is interested in candidates working at the cutting edge of microbiology in the general area of microbial physiology in any domain of life. The University and Department provide an excellent environment for the development of an outstanding research program. The successful candidate will be expected to teach introductory microbiology and independent research and to participate in undergraduate and graduate teaching. The position carries a commitment to resident instruction, research, and professional and university service as appropriate to their rank and grade.

Application Procedure: All applications should be submitted in PDF format to e-mail: facultysearch@bact.wisc.edu. Applications should be sent as a single PDF that includes a cover letter referencing position listing #74177. (Website: http://www.ohr.wisc.edu/pvi/pv_074177.html). The application should include curriculum vitae, list of publications, a brief summary of accomplishments, and directions for future research. Materials should be addressed to Bacteriology Faculty Search Committee. Please ask three references to submit letters of reference to the same e-mail address with the applicant’s name in the header.

The University of Wisconsin−Madison is an Equal Opportunity/Affirmative Action Employer. We promote excellence through diversity and encourage all qualified individuals to apply.

TENURE-TRACK POSITIONS

The University of Texas Southwestern Medical Center

ASSISTANT PROFESSORS: The Department of Physiology invites outstanding scientists with Ph.D., M.D., or equivalent degrees to apply for tenure-track assistant professor positions. Candidates who use innovative optical, mechanical, electrical, molecular biological or computational methods with important applications to ion channel function and protein trafficking from single cells and tissues to intact organisms and higher order constructs are encouraged to apply. However, the scientific excellence of the candidates is more important than the specific area of research. These positions are part of the continuing growth of the Department of Physiology at Southwestern, an academic medical center and will be supported by significant laboratory space on our new campus, competitive salaries, and exceptional startup packages. The University of Texas Southwestern Medical Center is the scientific home to five Nobel Prize Laureates and many members of the National Academy of Sciences and Institute of Medicine. UT Southwestern conducts more than 3,500 research projects annually totaling more than $417 million.

Applicants should submit curriculum vitae, a brief statement of research plans, and arrange to have three letters of reference sent to: James Stull, Ph.D., c/o Harry Doris, Department of Physiology, The University of Texas Southwestern Medical Center, 5323 Harry Hines Boulevard, Dallas, TX 75390-9040. UT Southwestern strongly encourages applications from women, minorities, and people with physical challenges. UT Southwestern is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT OR ASSOCIATE PROFESSOR of Pharmacogenomics

The Department of Pharmaceutical and Biomedical Sciences in the South Carolina College of Pharmacy (website: http://scp.sc.edu/) invites applications from outstanding scientists for a twelve-month full time, faculty position at the level of tenure-track Assistant Professor or tenure-track or tenured Associate Professor in Pharmacogenomics. Successful candidates will possess a Ph.D. or equivalent degree, substantial postdoctoral experience, and a strong record of research accomplishments. The candidate will be expected to develop a strong, extramurally funded research program in Pharmacogenomics, have excellent oral and written communication skills, and participate in graduate and professional education. Salary is competitive and commensurate with experience. The Department has faculty members with expertise in University of South Carolina (Columbia) and in Charleston, SC (Medical University of South Carolina). Primary appointment is on the Columbia campus, with a joint appointment on the Charleston campus.

Interested candidates should apply directly through the University of South Carolina jobs website: https://uscjobs.sc.edu/. The request number for this position is 005268. As part of your application please include a cover letter, curriculum vitae, a statement of teaching interests, and the names of at least three references. Any questions concerning this position should be sent electronically to Dr. Kim E. Creek, Vice-Chair, Department of Pharmaceutical and Biomedical Sciences, University of South Carolina, c/ouscjobs.sc.edu. Applications will be reviewed continuously until the position is filled.

The University of South Carolina is an Affirmative Action/Equal Opportunity Employer and specifically invites applications from women and minorities.

POSITIONS OPEN

CELLULAR/MOLECULAR NEUROSCIENCE

The Department of Biology at Indiana University-Purdue University Indianapolis (IUPUI) invites applications for a tenure-track FACULTY POSITION in Cellular/Molecular Neuroscience to begin August 1, 2013. Rank is open and competitive salary and startup funds are available. The successful candidate will be involved in helping to shape a new interdisciplinary Neuroscience B.S. program within the School of Science. Ph.D. and/or experience in brain science or a related area is expected. Applicants must demonstrate the ability to initiate and sustain an externally funded program of research, the potential for successful extramural funding, and strong performance in relevant courses in neuroscience at the graduate and undergraduate levels. Applicants at a senior level must have a record of research excellence, a history of external funding, and a strong record of mentoring students. Interested individuals are encouraged to apply electronically to e-mail: neurobio@iupui.edu by sending a cover letter, curriculum vitae, and a statement of research and teaching interests and background. Candidates should also have letters of recommendation sent to the same address. Alternatively, materials can be sent to: Neuroscience Search Committee, Department of Biology, 728 W. Michigan Street, SL-306, Indianapolis, IN 46202. Evaluation of applications will begin November 1, 2012 and continue until the position is filled.

The IUPUI campus located in downtown Indianapolis, offers extensive public transportation, convenient living accommodations, and attracts more external research funding than any other university campus in the State of Indiana. The Department of Biology has a strong record of externally funded research and training of Ph.D. students. The appointment is expected to be expanded with the completion of a new research building in 2014. IUPUI is home to a large and vibrant graduate program, particularly in neurosciences. IUPUI is an Equal Employment Opportunity/Affirmative Action Employer. We promote excellence through diversity and encourage all qualified individuals to apply.

FACULTY APPOINTMENT in Cell Biology

Department of Cell Biology

Duke University Medical Center

The Department of Cell Biology at Duke University Medical Center invites applications for a tenure-track faculty member. The preferred level is for an ASSISTANT PROFESSOR who would start his/her independent career at Duke. Candidates with demonstrated expertise in stem cell biology, tissue regeneration, or animal cell structure/function are especially encouraged to apply. Preference will be given to candidates whose activities complement and strengthen research programs within the department. Successful candidates will have track records of creativity and productivity, demonstrated potential for outstanding future achievements, and a desire from historically underrepresented minority groups are therefore encouraged to apply.

Duke University is an Equal Opportunity/Affirmative Action Employer.

The Department of Biology at Rollins College invites applications for a tenure-track assistant professor position in animal physiology beginning August 2013. Ph.D. and postdoctoral experience required. The successful candidate must be prepared to teach upper-level undergraduate animal and human physiology. The successful candidate will also teach general biology for majors and a general education course for non-majors. Preference is given to candidates who specialize in health-related research and are broadly trained in vertebrate physiology. Applicants are expected to initiate and sustain a research program involving undergraduate students.

Review of applications will begin October 15, 2012 and continue until the position is filled. Interested applicants must apply online via the College’s website: website: http://www.rollinsjobs.com, and upload the following materials merged together into electronic files as follows: (1) a letter of interest, including a statement of teaching philosophy, (2) curriculum vita and transcripts, (3) research summaries with a list of non-routine equipment needs for research.

Three letters of recommendation should be sent to: Dr. Paul Stephenson, Chair, Department of Biology, 1000 Holt Avenue, Rollins College, Winter Park, FL 32789; e-mail: pstephenson@rollins.edu. Questions may be directed to the same address.

Founded in 1885, Rollins is an independent, coeducational liberal arts college. The campus, noted for its lakefront beauty and for its unique location, is set in the residential community of Winter Park, just 15 minutes from one of the nation’s most dynamic urban centers, Orlando. Rollins enrolls approximately 3,200 students, 30% of whom are students of color. Rollins is one of the top 128 Southern Master’s universities in the annual rankings of “America’s Best Colleges,” released by U.S. News & World Report. For additional information, please visit the College website: http://www.rollins.edu and the Department of Biology website: http://www.rollins.edu/biology.

Through its mission, Rollins College is firmly committed to creating a just community that embraces multicultural persons from historically underrepresented minority groups are therefore encouraged to apply.

POSITIONS OPEN

TENURE-TRACK ASSISTANT PROFESSOR

Animal Physiology

Rollins College

Winter Park, FL

The Department of Biology at Rollins College invites applications for two tenure-track assistant professor positions in animal physiology beginning August 2013. Ph.D. and postdoctoral experience required. The successful candidate must be prepared to teach upper-level undergraduate animal and human physiology. The successful candidate will also teach general biology for majors and a general education course for non-majors. Preference is given to candidates who specialize in health-related research and are broadly trained in vertebrate physiology. Applicants are expected to initiate and sustain a research program involving undergraduate students.

Review of applications will begin October 15, 2012 and continue until the position is filled. Interested applicants must apply online via the College’s website: website: http://www.rollinsjobs.com, and upload the following materials merged together into electronic files as follows: (1) a letter of interest, including a statement of teaching philosophy, (2) curriculum vita and transcripts, (3) research summaries with a list of non-routine equipment needs for research.

Three letters of recommendation should be sent to: Dr. Paul Stephenson, Chair, Department of Biology, 1000 Holt Avenue, Rollins College, Winter Park, FL 32789; e-mail: pstephenson@rollins.edu. Questions may be directed to the same address.

Founded in 1885, Rollins is an independent, coeducational liberal arts college. The campus, noted for its lakefront beauty and for its unique location, is set in the residential community of Winter Park, just 15 minutes from one of the nation’s most dynamic urban centers, Orlando. Rollins enrolls approximately 3,200 students, 30% of whom are students of color. Rollins is one of the top 128 Southern Master’s universities in the annual rankings of “America’s Best Colleges,” released by U.S. News & World Report. For additional information, please visit the College website: http://www.rollins.edu and the Department of Biology website: http://www.rollins.edu/biology.

Through its mission, Rollins College is firmly committed to creating a just community that embraces multicultural persons from historically underrepresented minority groups are therefore encouraged to apply.
The Department of Cancer Biology at the Perelman School of Medicine at the University of Pennsylvania seeks candidates for an Assistant, Associate, and/or Full Professor position in the tenure track. Rank will be commensurate with experience. The successful applicant will have experience in the field of cancer biology, including but not limited to cancer genetics and genomics, tumor microenvironment, epigenetics, angiogenesis, cancer cell metabolism and oncogenic signaling. Responsibilities include the development of an independent research program. Teaching duties comprise mentoring students and course lecturing. Applicants must have an M.D. and/or Ph.D degree and have demonstrated excellent qualifications in research and education.

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

Apply for this position online at: http://www.med.upenn.edu/apps/faculty_ed/index.php/68035

Contact Information:
Lewis A. Chodosh, MD, PhD
J. Samuel Staub Professor
Chair, Department of Cancer Biology
Perelman School of Medicine
University of Pennsylvania
612 BRB III/IV, 421 Curie Boulevard,
Philadelphia, PA 19104-6160

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**FACULTY POSITIONS**

**University of Utah**

**Huntsman Cancer Institute**

**Department of Oncological Sciences**

The Department of Oncological Sciences and Huntsman Cancer Institute (HCI) invite applications for a tenure-track faculty position at the assistant or associate professor level. We seek an outstanding Bioinformatician with a program focused in genome sciences, including the development of methods for analyzing genome-wide data derived from high-throughput sequencing. Requirements include a PhD or MD/PhD and a track record of scientific excellence. Areas of interest could include transcription/epigenetic regulation, cancer gene/mutation discovery, or the use of genomics in cancer diagnostics. Departmental strengths include epigenetics and transcriptional regulation, mouse and zebrafish models of cancer, and cancer cell biology—including signaling, apoptosis, DNA repair, motility, and metabolism. HCI is an NCI-designated cancer center with state-of-the-art laboratories and shared resources, including core facilities for imaging, genomics, drug screening, and population studies. We offer a collegial and interactive research environment that fosters the development of junior faculty and robust graduate programs for training PhD and MD/PhD students.

Candidates are encouraged to apply by November 9, 2012 at the following link: http://utah.peopleadmin.com/postings/18172.

The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veterans’ preference: Reasonable accommodations provided. For additional information, visit http://www.regulations.utah.edu/humanResources/5-106.html.

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds and possess a strong commitment to improving access to higher education for historically underrepresented students.

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**UT Southwestern Medical Center**

**Faculty Opening for Division Chief**

**July, 2012**

The Department of Radiation Oncology at UT Southwestern Medical Center seeks an exceptional senior scientist to head the department’s division of Molecular Radiation Biology. Applicants must have a Ph.D. or M.D./Ph.D. and a vigorous and ambitious independent research program in an area of cancer biology that is related to radiation oncology, as well as grant funding and a significant record of peer-reviewed publication. The program should complement and expand existing research strengths within the division, which includes molecular oncology, cell signaling, hypoxia and the DNA damage response. Candidates should have a successful record as the manager of a productive research team and an enthusiasm for promoting collaboration within a multidisciplinary environment.

The Division of Molecular Radiation Biology currently has 60 employees, including seven senior Ph.D. investigators and three M.D./Ph.D. translational researchers as well as other junior research faculty, postdoc and graduate student trainees, and lab technicians. There is also significant dedicated administrative support staff. The division has approximately 10,000 square feet of contiguous lab space, including 6 large labs and core space for tissue culture, microscopy, and other shared resources.

The appointment will be at the level of Professor, with tenure (contingent upon approval by the institutional promotion and tenure committee). A generous start-up package will include substantial lab space and funding for equipment or faculty/staff/trainees. Of particular note, the Cancer Prevention and Research Institute of Texas (CPRIT) has awarded over $106 million in grants to investigators at UT Southwestern, including funding opportunities for recruitment of pre-eminent cancer investigators.

Applicants should email their curriculum vitae, the names of three references, and a brief description of their research goals to the attention of Dr. Hak Choy at Hak.Choy@utsouthwestern.edu.

*UT Southwestern is an Equal Opportunity Employer.*
FACULTY POSITION in Viral Oncology
The Ohio State University

The Department of Veterinary Biosciences (web-site: http://vet.osu.edu/biosciences) in the College of Veterinary Medicine seeks outstanding candidates for a tenure-track position at the Assistant/Associate Professor level. Candidates must have a Ph.D., D.V.M., M.D., or equivalent degree and demonstrated accomplishment in research focused on oncogenic viruses (e.g., retroviruses, herpesviruses, papillomaviruses, hepadnaviruses). Candidates with research experience that complements existing programs (web-site: http://lsl.osu.edu/research-centers) within the Center of Retrovirus Research and the Ohio State University Comprehensive Cancer Center would be particularly welcome. The Department offers excellent laboratory facilities, competitive salary and startup package, and access to numerous facilities including state-of-the-art BSL-3 facilities. Successful candidates will be expected to have or to develop a sustainable extra-murally funded research programs and to contribute to professional (DVM), graduate and undergraduate education.

Applications should be submitted via e-mail as a single PDF document and include a curriculum vitae, summary of research program and future directions, and names (including phone number and e-mail address) of at least four individuals from whom letters of reference may be solicited. Review of applications will begin November 15, 2012 and continue until the position is filled. Address all correspondence to Dr. Stefan Niewiesk, Chair of the Search Committee (e-mail: niewiesk.1@osu.edu).

The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Minorities, Veterans, Women, and individuals with disabilities are encouraged to apply.

FACULTY POSITIONS IN BIOCHEMISTRY
University of Notre Dame

The Department of Chemistry and Biochemistry at the University of Notre Dame invites applications for tenure-track positions in all areas of biochemistry and molecular biology. Exceptional candidates at all levels are encouraged to apply. Candidates must provide a cover letter, curriculum vitae, a detailed research plan, and a statement of teaching interests. Junior candidates must also arrange for at least three letters of recommendation, while senior applicants can apply in confidence. All materials should be submitted to the application website: https://academicjobsonline.org/ajo/jobs/1750 by October 15, 2012 to receive full consideration.

The University of Notre Dame is an Equal Opportunity Employer with a strong institutional and academic commitment to diversity, endeavors to foster a vibrant learning community animated by the Catholic intellectual tradition.

TENURE-TRACK ASSOCIATE PROFESSOR
Washington University Center for the Study of Itch

Center for the Study of Itch (CSI, visit website: http://csi.wustl.edu for information), a newly established multidisciplinary center, invites outstanding candidates to apply for tenure-track assistant professor positions. Candidates are expected to develop independent and innovative research programs focusing on itch. Candidates without prior experience in itch but plan to pursue the study of itch are encouraged to apply. Areas of interest include but are not limited to: somatosensations, itch and itching physiology, cutaneous biology, and dermatology. Applicants should submit curriculum vitae, a summary of research experience, and a future research plan to Dr. Zhou-Feng Cao. For e-mail contact, consult the initial announcement for Dr. Cao’s email address. The initial posting of this vacancy is set to close on October 15, 2012. Applicants must have a Ph.D. or equivalent degree and have demonstrated excellence in research and teaching. Successful candidates are expected to participate in the dedicated multidisciplinary research center, The Study of Itch, Campus Box 8054, Washington University School of Medicine, St. Louis, MO 63110, U.S.A. Application deadline December 15, 2012. Washington University is an Equal Employment Opportunity Institution including Minority/Female/Pension with Disabilities/Veterans.

ASSOCIATE PROFESSOR
Penn State University invites applications for an Assistant Professor of Biology to begin August 2013. Teach human anatomy and physiology at the undergraduate level. Ability to teach basic chemistry is a plus. Publication of research in refereed journals and service activities are encouraged. Ph.D. in the relevant area is required. To learn about the campus and Penn State University, visit website: http://www.psu.edu/ur/cmpo/job.html. To learn more about the position and how to apply, visit website: http://www.psujobs.com/search/documents.html and follow the “Facultly link”. Affirmative Action/Equal Opportunity Employer.

TENURE-TRACK FACULTY POSITION
The BioFrontiers Institute at the University of Colorado in Boulder is looking for its next interdisciplinary faculty member.

We invite applications from candidates seeking to develop an internationally recognized research program that addresses significant problems in biology and medicine at the interface with the physical sciences, mathematics, and/or computer science.

BioFrontiers integrates faculty from the departments of Chemistry & Biochemistry; Molecular, Cellular & Developmental Biology; Ecology & Evolutionary Biology; Physics; Integrative Physiology; Applied Mathematics; Computer Science; Chemical & Biological Engineering; and Mechanical Engineering. A successful candidate could choose to be rostered in any of these departments.

The position is at the ASSISTANT PROFESSOR level, although senior candidates at ASSOCIATE and FULL PROFESSOR ranks will also be considered. Candidates must have a Ph.D. and a demonstrated commitment to teaching at undergraduate and graduate levels.

Learn more and apply online at website: http://BioFrontiers.colorado.edu/facultyhire. Review of applications will begin November 1, 2012 and will continue until the position is filled. Application materials should be submitted via e-mail to jobsc@bfi.colorado.edu (web-site: http://www.jobsatcu.com/applicants/Central?quickFind=70421 (posting number 819126). The University of Colorado is committed to diversity and equality in education and employment and sensitive to the needs of dual career couples. The University of Colorado is an Equal Opportunity Employer.

FACULTY POSITION
California Institute of Technology invites applications for a tenure-track faculty position in the Division of Chemistry and Chemical Engineering at the ASSISTANT PROFESSOR level in the area of chemical engineering. Candidates with strong commitments to research and teaching excellence are encouraged to apply. The term of the initial appointment is normally four years and is contingent upon completion of all requirements for a Ph.D. in chemical engineering or in a related field. Each application should include curriculum vitae, publication list, a description of proposed research, and three letters of recommendation. Inquiries and applications should be sent electronically (e-mail: search@chem.caltech.edu) to: Chair of the Chemical Engineering Search Committee, M/C 210-41, California Institute of Technology, Pasadena, CA 91125. Applications should be received by October 15, 2012. The California Institute of Technology is an Equal Opportunity/ Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

FACULTY POSITION
California Institute of Technology invites applications for a tenure-track faculty position in the Division of Chemistry and Chemical Engineering at the ASSISTANT PROFESSOR level in the areas of biochemistry, chemical biology, or inorganic chemistry. Candidates with strong commitments to research and teaching excellence are encouraged to apply. The term of the initial appointment is normally four years and is contingent upon completion of all requirements for a Ph.D. in chemistry or in a related field. Submit curriculum vitae, publication list, a description of proposed research, and three letters of recommendation electronically to Chair of the Search Committee, e-mail cce@caltech.edu. Applications should be received by November 1, 2012. The California Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.
Arizona State University is a dynamic, progressive university dedicated to interdisciplinary collaborations, to rethinking university education, and to integrating excellence in both research and teaching. The School of Life Sciences at Arizona State University’s Tempe campus is committed to reflective curricular development, with a focus on learner-centered education and teaching excellence. To support this effort, the School invites applications for a tenure-track position at the Associate or Full Professor level, to be appointed within the School of Life Sciences and to work collaboratively with science education initiatives in the Mary Lou Fulton Teachers College.

Candidates must have a Ph.D. in the life sciences or education with experience/training equivalent to a Master’s degree in the other area. Candidates must demonstrate a primary research focus in teaching and learning in biology at the post-secondary level; strong disciplinary content knowledge in biological sciences; established expertise in and commitment to biology education; and evidence of leadership. Candidates must also demonstrate excellence in promoting quality undergraduate instruction through independent and collaborative efforts; scholarly excellence with the capacity to develop and sustain a creative, extramurally-funded research program; evidence of interdisciplinary collaboration; and a record of mentoring. The start-up package, teaching, and service loads will support the expected high research productivity. A strong record of outreach and service, and experience working in a highly interdisciplinary environment like the ASU School of Life Sciences are desired.

To apply, please send a cover letter, curriculum vitae, three representative publications, separate statements of research focus/plans, teaching philosophy/experience, and contact information for three references to Anna Fields, ATTN: Biology Education Faculty Search Committee, School of Life Sciences, PO Box 874501, Tempe, AZ 85287-4501, with electronic applications sent as PDF files to solsfacultysearch@asu.edu preferred. The initial closing date for receipt of complete applications is October 14, 2012. Applications will be reviewed weekly thereafter until the search is closed. For additional information, please feel free to contact James Collins (jcollins@asu.edu) or Jane Maienschein (maienschein@asu.edu). For additional information on this position and the School of Life Sciences, please visit https://sols.asu.edu.

A background check is required for employment at Arizona State University, which is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity. We especially encourage women and minorities to apply.
ASSISTANT/ASSOCIATE PROFESSOR

The Institute of Molecular Cardiology at the University of Louisville is seeking qualified candidates to join the members of the Institute in work focusing on cell therapy for myocardial repair. Appointments will be at Assistant/Associate Professor level depending on qualifications. The successful candidate will have a track record of working with stem/progenitor cells in the cardiovascular system. He/she will join a productive, highly collegial, and multidisciplinary team of investigators who will be involved in cutting-edge, core grant and investor-funded research. Submit letter of application with a curriculum vitae and statement of interest to: Dr. Roberto Bolli, 550 S. Jackson Street, ACB, Third Floor, Louisville, KY 40202. Affirmative Action/Equal Opportunity Employer.

THREE OPEN FACULTY POSITIONS

Boston College

Chemistry Department

The Chemistry Department of Boston College invites applications for three tenure-track positions to be effective in the Fall of 2013. Applicants will be evaluated based on their potential to establish a prominent and well-funded research program and to excel in teaching at the graduate and undergraduate levels. Successful applicants will join a department of approximately 120 doctoral and 30 undergraduate students, 200 undergraduate majors, and an internationally recognized faculty.

ASSISTANT PROFESSORS in the areas of (broadly defined) Chemical Biology, Organic Chemistry, and Physical/Materials Chemistry: requires a Ph.D. in Chemistry or related areas. Postdoctoral experience is desirable but not required. The candidate is expected to have published in top-referenced journals and demonstrated the ability to perform outstanding independent research. Applications must be submitted via the following means: submit a two-page summary of the form of PDF files to e-mails: orgchemsearch@bc.edu, chembiossearch@bc.edu, or pchemsearch@bc.edu: a cover letter, a graphical executive summary of research plans (one page), a curriculum vitae, a summary of research plans (eight pages maximum), and a statement of teaching philosophy. In the cover letter, the names of three references should be specified. Applicants should arrange to have three letters of reference in the PDF format transmitted to e-mails: orgchemsearch@bc.edu, chembiossearch@bc.edu, or pchemsearch@bc.edu; original copies of the letters may be requested by the department.

All application materials must be submitted electronically to: orgchemsearch@bc.edu; pchemsearch@bc.edu; or chembiossearch@bc.edu. Send a letter of application, curriculum vitae, graduate transcripts, statements of teaching and research interest, and arrange to have three letters of recommendation sent to: e-mail: psychology@wooster.edu. Applications concerning this position should be directed to Dr. John Neuhoff, Chair of Psychology, e-mail: jrneuhoff@wooster.edu. Electronic applications are preferred and should be received by October 19, 2012, for full consideration.

Assistant Professor of Biology

The College of Wooster invites applications for a tenure-track position in Neuroscience, Fall 2013. We invite applications from individuals who use quantitative approaches. Applicants should have a Ph.D.; postdoctoral research and/or teaching experience preferred. Submit curriculum vitae, statements of research and teaching philosophy, graduate and undergraduate transcripts, and three letters of recommendation to: e-mail: biology@wooster.edu. Questions concerning this position should be directed to Dr. M. Loveless, Chair of Biology, e-mail: mloveless@wooster.edu. Preferred applications are preferred, and should be received by October 12, 2012 for full consideration.

Position of Biological Psychology

Teaching responsibilities will include Cellular Neuroscience, Development, and Introductory Molecular/Cellular Biology. Preference will be given to applicants whose research interests emphasize integrative/physiological approaches. Applicants should have a Ph.D.; postdoctoral research and/or teaching experience preferred. Submit curriculum vitae, statements of research and teaching philosophy, graduate and undergraduate transcripts, and three letters of recommendation to: e-mail: biology@wooster.edu. Questions concerning this position should be directed to Dr. M. Loveless, Chair of Biology, e-mail: mloveless@wooster.edu. Electronic applications are preferred and should be received by October 19, 2012 for full consideration.

Assistant Professor of Psychology

The College of Wooster invites applications for a tenure-track position in Biological Psychology. Introduction to Neuroscience, an Integrative Senior Seminar in Neuroscience, and courses in the candidate’s area of specialization. Preference will be given to candidates with training in Cellular Neuroscience, Ph.D. or ABD candidates encouraged. Send a letter of application, curriculum vitae, graduate transcripts, statements of teaching and research interest, and arrange to have three letters of recommendation sent to: e-mail: psychology@wooster.edu. Applications concerning this position should be directed to Dr. John Neuhoff, Chair of Psychology, e-mail: jrneuhoff@wooster.edu. Electronic applications are preferred and should be received by October 19, 2012 for full consideration.

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.
The Department of Biology has a tenure-track opening at the level of ASSISTANT PROFESSOR in the general area of microbiology. Applications are sought from candidates using multifaceted mechanistic approaches to study an exciting problem in a prokaryote or simple eukaryote such as mechanisms of infectious disease and pathogenesis, host inflammatory response, or host-pathogen interactions. The successful candidate will join a collegial research-oriented department that offers undergraduate and graduate (M.S. and Ph.D.) programs. The new faculty member is expected to pursue an extramurally-funded research program and teach undergraduate microbiology as well as develop specialty courses for graduate students. Information about the Department and faculty research interests can be found at: http://biology.cua.edu. Please send curriculum vitae, statement of research and teaching interests, and three letters of reference to: Dr. Ann Corsi, Department of Biology, 103 McCort-Ward Bldg, 620 Michigan Avenue NE, Washington, DC 20064. Applications will be reviewed as they are received but should be submitted by October 31, 2012.

The Catholic University of America is the national university of the Catholic Church and was founded as a center of research and scholarship. We seek candidates who, regardless of their religious affiliation, understand and will make a significant contribution to the university’s mission and goals. CUA is an Affirmative Action/Equal Opportunity Employer.
BIOCHEMIST

Williams College has a continuing commitment with research interests in experimental biochemistry. Teaching assignments in this position may include courses in biochemistry, physical chemistry, upper-level biochemistry courses, introductory chemistry, and courses for non-science majors. A liberal arts institution located in the Berkshire Hills of western Massachusetts that has built its reputation on outstanding teaching and scholarship and on the academic excellence of its approximately 2,000 students. The Chemistry Department is composed of 12 faculty members and graduates about 30 majors each year, the department has excellent facilities for teaching and research. For more information, see website: http://chemistry.williams.edu. The College is committed to building and supporting the diversity of its science majors and seeks an individual who can help us meet these goals. Mail curriculum vitae, undergraduate and graduate transcripts, descriptions of teaching philosophy and research projects for undergraduates, and three letters of recommendation to: Professor Thomas E. Smith, Chair, Department of Chemistry, 47 Lab Campus Drive, Williams College, Williamstown, MA 01267. Position open until position is filled. More information about the application process and required materials is available on-line at website: http://www.csus.edu/prospective/faculty/background-check-policy/.

ASSISTANT PROFESSOR in Organic/Organic Chemistry

Department of Chemistry and Biochemistry
Utah State University

The Department of Chemistry and Biochemistry at Utah State University invites applications for a tenure-track assistant professor position available Fall 2013. Preference will be given to applicants with research interests at the interface of inorganic and organic chemistry, particularly in the areas of organo-transition metal chemistry and catalysis. The successful candidate will have a research program that complements at least one departmental focus area (e.g., catalysis and mechanism, energy and the environment). Applicants must have earned a Ph.D. in Chemistry or a closely related discipline and postdoctoral experience is required. The position requires the development of a nationally recognized, externally funded research program as well as teaching at the undergraduate and graduate levels. The teaching responsibilities will periodically involve lower division courses in general or organic chemistry. Applicants should submit curriculum vitae, a concise description of future research projects, a description of how the research to be pursued complements existing research focus areas and technical expertise in the Department, a description of teaching experience and preferred teaching area(s), and the names and e-mail addresses of three references. Apply online at website: http://jobs.usu.edu (REQ ID 053399). Evaluation of applications will begin October 24, 2012. Position open until filled. For more information, please visit our website: http://www.usu.edu/science/htm/chemical-biology.

Utah State University, located in Logan, Utah, is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

EVOLUTIONARY ECOLOGIST

Assistant Professor
Tenure-track

The Department of Zoology at Oklahoma State University (OSU, website: http://zoology.okstate.edu) invites applications for an Assistant Professor in evolutionary ecology. We seek applicants whose core research includes genomic, epigenetic, computational, or behavioral approaches to integrate biological processes across multiple levels of organization. Applicants should have Ph.D. in postdoctoral experience, and success in obtaining extramural funding. Responsibilities include establishing an externally funded research program, mentoring M.S. and Ph.D. students, and teaching undergraduate and graduate level courses. To apply (1) send a single PDF file composed of a cover letter, curriculum vitae, and statements of research interests and teaching philosophy, and (2) arrange to have three letters of recommendation sent to the search committee chair, E. Jennifer Crow, at e-mail: zoologysearch@okstate.edu. Application review begins October 15, 2012, with employment beginning August 16, 2013. Filling of this position is contingent upon funding availability. Oklahoma State University is an Affirmative Action/Equal Employment Opportunity/Equal Pay Employer committed to diversity. OSU-Stilwater is a tobacco-free campus.

ASSISTANT PROFESSOR–ALL AREAS

Princeton University
Department of Chemistry

The Department of Chemistry at Princeton University invites applications for a tenure-track Assistant Professor position in all areas of chemistry. Candidates should have a strong commitment to research and to teaching at the undergraduate and graduate levels, and are expected to have strong postdoctoral and related field at the time of appointment. Candidates should submit a description of research interests, curriculum vitae, a list of publications, and contact information for three references online at website: http://jobs.princeton.edu (REQ ID 262756). The search committee will begin review of applications on October 17, 2012 and will continue until the position is filled.

Princeton University is an Equal Employment Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.
The Department of Biomedical Engineering at Carnegie Mellon University, undergoing rapid expansion, seeks the appointment of tenure-track faculty members at all levels. A successful candidate is expected to build a vigorous research program that meshes with and enhances the extensive research network as described on http://www.bme.cmu.edu, particularly in the areas of cellular and cardiovascular biomechanics, biomedical imaging and signal processing, bioMEMS, and smart medical devices and materials. The College of Engineering at Carnegie Mellon is ranked consistently among the top 10 engineering schools by USNWR. Faculty members of the Department enjoy a strong university-wide collaborative culture, excellent research support, modest teaching load, outstanding students, and comprehensive benefits.

Applicants should send CV, three letters of recommendation, and vision statements on research and teaching to bme-search@andrew.cmu.edu. Applications will be reviewed on a rolling basis until February 2013.

Carnegie Mellon University, an Equal Opportunity/Affirmative Action Employer, strongly encourages applications from women, under-represented minorities, individuals with disabilities, and individuals from disadvantaged backgrounds.

The Department of Molecular Microbiology
Washington University School of Medicine in St. Louis

We are seeking outstanding candidates for three TENURE-TRACK faculty positions at the Assistant, Associate, or Full Professor level in the Department of Molecular Microbiology at Washington University in St. Louis School of Medicine. Ideal applicants will be creative scientists pursuing fundamental aspects of microbial pathogenesis using innovative and interdisciplinary combinations of genomics, genetics, cell biology, computational biology and biochemistry in viral, prokaryotic or eukaryotic microbes. We especially encourage applicants with bold new perspectives and ‘outside the box’ approaches. One of the new positions will be associated with the Center for Women’s Infectious Disease Research (cWIDR) (http://cwidr.wustl.edu/). We welcome applications from members of groups that are typically under-represented in science. Washington University offers an intellectually exciting, collegial, and supportive environment with robust graduate and post-doctoral programs and extensive opportunities for interdepartmental collaboration. Resources include outstanding core facilities for genomics, high throughput screening, imaging, and high performance cluster computing, and BSL3 space including animal facilities. Additional information can be found at www.microbiology.wustl.edu. Applicants should be committed to the teaching of graduate and professional students and the establishment of a vigorous, cutting-edge, externally funded research program. Requirements include a Ph.D. in an appropriate discipline, postdoctoral training, and evidence of scholarly publications. Applicants should send a single PDF document containing a Curriculum Vitae, up to 3 reprints, and a 2-3 page description of current and planned research interests to microsearch2012@boreim.wustl.edu.

Three letters of recommendation should be sent separately. Complete applications will be evaluated on a rolling basis beginning October 1, 2012. All materials must be received by November 15, 2012.

WUSM is an Equal Opportunity/Affirmative Action Employer. Women and minorities are especially encouraged to apply.

Positions Available in Genome Sciences
The Penn State University College of Medicine, located in Hershey, PA, seeks qualified applicants for the positions in Genome Sciences described below. Review of applications for both positions will begin immediately and continue until filled. Salary will be commensurate with the candidate’s experience and credentials. Candidates should submit a letter of application including statement of current and future research interests, curriculum vitae, and names and contact information of three references. Electronic applications are preferred and should be sent to dpague@pshs.psu.edu. Please note position you are applying for in your cover letter. Applications also may be submitted via mail to: Genome Sciences Search Committee c/o Diane Pague, Department of Public Health Sciences, 600 Centerview Drive, Suite 2200, Hershey, PA 17033.

Assistant/Associate Professor in Bioinformatics or Statistical Genomics
The Penn State Hershey Institute for Personalized Medicine (IPM) seeks applicants in bioinformatics and statistical genomics. The IPM is charged with defining genetic or other molecular biomarkers that influence disease risk and treatment outcomes and that can be applied to tailor treatment of individual patients. Successful applicants are expected to develop independent research programs that exploit the unique resources of the Institute and advance the ability of investigators to correlate disease and treatment outcomes with appropriate biomarkers. Successful candidates will be appointed to tenure-track Assistant or Associate Professor positions in one of the affiliated departments.

Qualifications include a PhD or equivalent degree in one or more of the areas listed below with relevant postdoctoral research training and a record of excellence in research. 1) Bioinformatics, especially with respect to high-throughput data extraction, analysis and modeling; 2) Statistical genomics with a focus on correlation of genetic or other biomarkers with disease susceptibilities and outcomes; 3) Computational biology with expertise in development of tools and algorithms for interrogating and exploiting large data sets.

Technical Director, Genome Sciences Core Facility
The Genome Sciences Facility seeks faculty applicants for a Technical Director. The Genome Sciences Core provides a range of genetic, epigenetic, and transcriptomic technologies to researchers from throughout Penn State University. Qualifications include a PhD in a relevant field and in-depth, first-hand experience in high content molecular biological analyses, including next-generation sequencing, qPCR, and microarrays. A focus of the position will be next-generation sequencing for genomic, epigenomic, and transcriptomic studies. In addition to overseeing day-to-day operations of the facility, the successful candidate will collaborate with a wide variety of biomedical researchers to aid in successful completion of their research projects.

The Pennsylvania State University College of Medicine is an Equal Opportunity/Affirmative Action Employer. Women and minority candidates are especially encouraged to apply. For your health, we are a non-smoking campus.

Assistant Rice Cropping Systems Cooperative Extension Specialist
Department of Plant Sciences

Assistant Specialist in Cooperative Extension. An 11-month, career-track extension position with 100% Cooperative Extension responsibilities located in the UC Davis Department of Plant Sciences. Candidate will provide statewide research and extension leadership in rice production systems. The research and extension program will address the need for balacing multiple management goals, including optimizing rice productivity by addressing agronomic issues such as soil fertility, nutrient management and cycling, water use efficiency and quality, carbon sequestration, and overseeing the statewide variety evaluation program. The candidate is expected to develop a nationally-recognized program, secure extramural funding, and publish research results in appropriate refereed journals and reports. Candidate will interact with diverse clientele groups, provide training and advising to appropriate groups, and develop an affirmative action program. Candidate will have the opportunity to direct undergraduate and graduate research. Requirements include: a Ph.D. in agronomy, agricultural production, plant sciences, agroecology, or a closely related field with an emphasis in applied cropping systems; leadership ability, management and communication skills; ability to conduct independent research must be demonstrated.

Candidates should begin the application process by registering online at http://recruitments.plantsciences.ucdavis.edu/. Please include statements of research and extension interests, curriculum vitae, publication list, copies of 3 of your most important research publications, copies of undergraduate and graduate transcripts (if within 5 years of either degree), and the names, e-mail addresses, and telephone numbers of at least five professional references. For administrative questions regarding the application process, please email Mrs. Cindy Ramirez, cmsalazar@ucdavis.edu. Review of the applications for this position will begin December 1, 2012. The position will remain open until filled.
FACULTY POSITIONS

Virology and Bacterial Pathogenesis
(Bacterial/Host Interactions)

The Microbiology department at UT Southwestern Medical Center at Dallas is seeking new faculty, at the ASSISTANT PROFESSOR (tenure-track) level, in virology and bacterial pathogenesis (including bacterial/ host interactions). This will be a rolling search until positions are filled. Appointees will be expected to develop front-ranking, competitive, independent research programs on medically relevant virology and bacterial pathogenesis. For some, preference will be given to candidates working on RNA viruses and/or viral pathogenesis. The appointees will contribute to the teaching of medical and graduate students. Appointees will have a Ph.D. and/or M.D. degree with at least three to four years of postdoctoral experience and an exceptional publication record. Candidates should send a cover letter, curriculum vitae, contact information for three letters of recommendation, and a brief summary of future research to either email: virologysearchcommittee@utsouthwestern.edu or bacterialpathogenssearchcommittee@utsouthwestern.edu. UT Southwestern is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR OF CHEMISTRY

Berry College

The Department of Chemistry at Berry College, an ACS-approved program, invites applications for a tenure-track position as Assistant Professor to start August 2013. Primary responsibilities include teaching organic chemistry, biochemistry and associated laboratories. The successful applicant will establish a productive research program involving undergraduate students in the area of bioorganic chemistry. In addition to a commitment to excellence in teaching and scholarship, candidates should possess a strong interest in service and mentoring students in a residential liberal arts environment. A Ph.D. degree in either Chemistry or Biochemistry, teaching experience and an undergraduate research experience is desired. Send a letter of application, curriculum vitae, copies of undergraduate and graduate transcripts, statement of teaching philosophy, and summary of research plans (including equipment needs), and arrange to have three letters of recommendation sent to: Dr. Gary Breton; Department of Chemistry; P.O. Box 495016; Mount Berry, GA 30149. Review of applications will begin October 1, 2012. Please visit us online at: http://www.berry.edu/academics/science/chemistry/. Persons filling out an application for employment with Berry College may be required to submit a full national background check. Located on more than 26,000 acres in northwestern Georgia in a cove of great natural beauty, Berry College is a selective liberal arts college with an enrollment of 2,000 students and an emphasis on academic excellence, practical work experience, and an interdenominational religion-in-life program. Equal Opportunity Employer.

FACULTY POSITION

in Neurobiology

Western Washington University

The Biology Department at Western Washington University (WWU), a regional comprehensive university located between Seattle and Vancouver B.C., is now accepting applications for a tenure-track, assistant professor position, beginning September 2013. We seek an individual committed to undergraduate and M.S. education who will establish a vigorous research program that involves students. Ph.D., postdoctoral experience in cell and molecular neuroscience, and the potential to establish a research program in cell and molecular neurobiology in a non-mammalian system required. Applicants who can contribute to our Behavioral Neurosciences program are of particular interest. The applicant must possess the ability to teach introductory cell and molecular biology and advanced courses in neurobiology, cell biology, or genetics. Review begins October 22, 2012. See full position announcement, including all required and preferred qualifications, at website: http://biol.wwu.edu/biology/. For application information and instructions, go to the WWU Employment website: http://www.wwu.edu/jobs. Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR OF BIOLOGY

Amherst College

The Department of Biology at Amherst College seeks to fill a tenure-track position at the Assistant Professor level in molecular biology, to begin July 2013. The successful candidate will mount an active research program that involves undergraduate students. Teaching duties include participation in lecture courses with laboratories in biochemistry, molecular genetics, and in a team-taught introductory course in molecular and cellular biology. A completed Ph.D. is required and postdoctoral experience is expected. Candidates should submit electronically a cover letter, curriculum vitae, separate research and teaching statements, and the names and e-mail addresses of three references to upload their letters of recommendation. These materials should be submitted to: https://jobs.amherst.edu/view-opportunity/id/445.

MOLECULAR BIOLOGIST

Assistant Professor of Biology

Amherst College

The Department of Biology at Amherst College seeks to fill a tenure-track position as Assistant Professor in molecular biology, to begin August 2013. The successful candidate will mount an active research program that involves undergraduate students. Teaching duties include participation in lecture courses with laboratories in biochemistry, molecular genetics, and in a team-taught introductory course in molecular and cellular biology. A completed Ph.D. is required and postdoctoral experience is expected. Candidates should submit electronically a cover letter, curriculum vitae, separate research and teaching statements, and the names and e-mail addresses of three references to upload their letters of recommendation. These materials should be submitted to: https://jobs.amherst.edu/view-opportunity/id/445.

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www.ScienceCareers.org
The Department of Molecular, Cellular and Developmental Biology at Yale University invites applications for a faculty appointment as an assistant professor from individuals working on any area of plant biology. The Department encourages applications from candidates using any experimental approach, including molecular, genetic, biochemical, or genomic/proteomic approaches, to investigate outstanding questions in modern plant biology at the organismal, cellular or molecular level. We expect successful candidates to develop active research groups, be interactive members of the faculty and participate in interdisciplinary research and training. Successful candidates should demonstrate communication skills commensurate with experience in teaching at both the undergraduate and graduate levels.

Application review will begin on December 15, 2012. Submit an application, a curriculum vitae and a description of research interests on line to https://academicjobsonline.org/ajo/Yale. Request at least three individuals submit letters of recommendation on your behalf to https://academicjobsonline.org/ajo/Yale. For questions, please e-mail mcdb.plantsearch@yale.edu. Yale University is an Affirmative Action/Equal Opportunity Employer. Women and members of underrepresented minority groups are especially encouraged to apply.

The Georgia Institute of Technology is one of the top ranked educational/research institutions in the country and ranked as one of the best places to work. As part of its significant growth in the biological sciences, the School of Biology is seeking applications for the following tenure-track positions:

**Two positions in ecology** for empiricists applying molecular and/or field approaches to understand fundamental ecological and evolutionary questions (including, but not limited to, chemical signaling, ecological genetics, and/or responses to environmental perturbation and biotic threats). Candidates will be favored whose research integrates well with existing strengths and ongoing research in ecosystem processes and environmental health, regulation of phenotypic plasticity and development, aquatic chemical ecology, genetics and mechanisms of microbial community interactions, and biologically inspired design (www.biology.gatech.edu). These positions will be filled at the assistant/associate level but outstanding senior candidates with exceptional records are encouraged to apply.

**Experimental integrative or structural biology, endowed, full professor.** We are seeking an outstanding senior scientist who is using approaches designed to provide a temporal, structural and spatial understanding of cellular biomolecular processes and the dynamics of cellular organization and function, the chemical biology of cells, and protein interactions. A generous startup package and laboratory space will be provided.

Georgia Tech is an interdisciplinary environment where faculty are strongly encouraged to interact with engineering, computing, and other science faculty. Candidates can submit an application online at http://searches.biology.gatech.edu, including a letter of application, curriculum vitae, statement of research interests and plans, and contact information for five references. Review of applications begins October 1, 2012 and will continue until positions are filled.

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

The Department of Molecular Biosciences at the University of Kansas invites outstanding candidates to apply for a tenure-track faculty position at the Assistant or Associate Professor level in Microbiology. Applicants are sought with demonstrated expertise in Microbiology and human infectious diseases. The Department of Molecular Biosciences provides a highly interactive and exciting multi-disciplinary research environment that includes successful and active researchers in Microbiology, Biochemistry, Bioinformatics, Cell and Developmental Biology, and Genetics (http://www.molecularbiosciences.ku.edu/). As such, Microbiologists who combine the study of human-associated pathogenic microbes with state-of-the-art approaches in these areas are of interest. The University of Kansas has many excellent core facilities including the Animal Care Unit, and laboratories in Genomics, High-Throughput Screening, Microscopy and Analytical Imaging, and Protein Structure, to facilitate research in these areas. Additionally, the University of Kansas has a demonstrated strength in drug discovery and development and a trans-disciplinary, inter-campus Program in Microbiology (http://www.micro.ku.edu). Applicants at the Assistant Professor level are expected to demonstrate potential for establishing an independent, externally funded research program, and those at the Associate level are expected to have an established and currently funded program with demonstrated potential for continuance. The successful candidate will also be expected to direct graduate student research and participate in the department undergraduate and/or graduate teaching missions.

The University of Kansas is especially interested in hiring faculty members who can contribute to four key campus-wide strategic initiatives: (1) Sustaining the Planet, Powering the World; (2) Promoting Well-Being, Finding Cures; (3) Building Communities, Expanding Opportunities; and (4) Harnessing Information, Multiplying Knowledge. For more information, see http://www.provost.ku.edu/Planning/themes/. Initial review of applications will begin December 3rd, 2012 and continue as long as needed to identify a qualified pool. Appointment is expected to begin as early as August 18th, 2013. Applicants must have a Ph.D. in Microbiology or related discipline plus applicable postdoctoral or faculty experience. Women and minorities are highly encouraged to apply. To apply, go to https://jobs.ku.edu and search for position 00002241 and upload (1) a letter of application, (2) curriculum vitae, and statements of (3) current/future research and (4) teaching interests/philosophy. Please include a list of at least three professional references for which letters of recommendation can be requested. Queries regarding this position can be addressed to Scott Hefty, Search Committee Chair, at psh@kansu.edu.

**Bioinformatics/Computational Biology**

The Center for Bioinformatics (Bioinformatics Program) and the Department of Molecular Biosciences invite applications for an assistant professor tenure-track faculty position to begin as early as August 18, 2013. The interdisciplinary Center for Bioinformatics (www.bioinformatics.ku.edu) complements existing strengths in the Department of Molecular Biosciences (www.molecularbiosciences.ku.edu), including structural biology, computational chemistry, proteomics, and developmental/molecular genetics, as well as strengths in drug design and information technology in the Schools of Pharmacy and Engineering. The Center fosters international activities in Bioinformatics and combines outstanding research and a Ph.D. program.

Required Qualifications: Ph.D. and postdoctoral experience in a discipline related to Bioinformatics is expected by the start date of the appointment; potential for excellence in research in Bioinformatics; commitment to teaching life sciences courses; and strong record of research accomplishments in at least one of the following areas: modeling of macromolecular structure and interactions, modeling of protein networks, genomics, and systems biology.

For the full position announcement and to apply online, go to: https://jobs.ku.edu and search for position 00002878. Submit a CV, letter of application, statement of past and future research, statement of teaching interests and philosophy, and a list of at least three references who may be contacted via telephone or e-mail. Initial review of applications begins October 15, 2012 and will continue as long as needed to identify a qualified pool. Direct inquiries to Dr. Ilya Vakser (vakser@ku.edu).

The University of Kansas is especially interested in hiring faculty members who can contribute to four key campus-wide strategic initiatives: (1) Sustaining the Planet, Powering the World; (2) Promoting Well-Being, Finding Cures; (3) Harnessing Information, Multiplying Knowledge; and (4) Building Communities, Expanding Opportunities. See www.provost.ku.edu/planning/themes/ for more information.

**Assistant or Associate Professor in Microbiology**

The Department of Molecular, Cellular and Developmental Biology at Yale University invites applications for a faculty appointment as an assistant professor from individuals working on any area of plant biology. The Department encourages applications from candidates using any experimental approach, including molecular, genetic, biochemical, or genomic/proteomic approaches, to investigate outstanding questions in modern plant biology at the organismal, cellular or molecular level. We expect successful candidates to develop active research groups, be interactive members of the faculty and participate in interdisciplinary research and training. Successful candidates should demonstrate communication skills commensurate with experience in teaching at both the undergraduate and graduate levels.

Application review will begin on December 15, 2012. Submit an application, a curriculum vitae and a description of research interests on line to https://academicjobsonline.org/ajo/Yale. Request at least three individuals submit letters of recommendation on your behalf to https://academicjobsonline.org/ajo/Yale. For questions, please e-mail mcdb.plantsearch@yale.edu. Yale University is an Affirmative Action/Equal Opportunity Employer. Women and members of underrepresented minority groups are especially encouraged to apply.
Faculty Positions

The Center for Immunology and Microbial Disease at Albany Medical College invites applications for multiple tenure-track Assistant Professor, Associate Professor, and full Professor positions from individuals who have a doctoral degree, postdoctoral experience, and demonstrated research productivity. Applicants for a senior faculty position should have an internationally-recognized research program in microbiology and/or host-pathogen interactions. The basic science departments at Albany Medical College are organized as interdisciplinary research centers and the Center for Immunology and Microbial Disease has a focus on microbial pathogenesis and immune defense, particularly as related to bioterror agents and emerging infections. Our faculty comprises a highly collaborative research group that this year received $12.2M in NIH funding, ranking it within the top half of all Microbiology and Immunology programs in the country. The successful candidates will receive attractive start-up packages and will have an opportunity to lead a focus group in a new laboratory space, with access to all departmental core facilities including the Center’s fully-staffed ABSL-3/BSL-3. We have established a close relationship with the New York State Department of Health Wadsworth Laboratories, providing a diverse environment that is rich in infectious disease expertise. Albany Medical College is located in a mid-sized city within the upstate New York Capital Region, and has easy access to Boston, New York City, and the Adirondack Mountains.

Applicants should send their curriculum vitae, a statement of research plans, and contact information for three references to:

Faculty Search Committee
Center for Immunology and Microbial Disease
Albany Medical College
47 New Scotland Avenue, MC-151
Albany, NY 12208

For further information about the Center, visit:
www.amc.edu/Research/ind
An Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

Hightower Endowed Chair in Biopolymers

The School of Materials Science and Engineering at the Georgia Institute of Technology invites applications and nominations for the Hightower Chair in Biopolymers. This senior position will serve as a focal point within the School and the Institute for research and teaching in the field of biopolymers, while working to broaden interactions in polymer science, bio-materials and polymeric materials having a biological origin or function. Candidates with interests in the theory, design, synthesis, processing, characterization, and applications of biopolymers are especially encouraged to apply. There are numerous opportunities for campus-wide interactions in the various units of the Colleges of Engineering and Science, including the School of Applied Physiology and the Department of Biomedical Engineering. Further interactions are envisioned with the Parker H. Petit Institute for Bioengineering and Bioscience (IBB), the Strategic Energy Institute (SEI), and the Institute for Electronics and Nanotechnology (IEN). The successful candidate should have a history of establishing outstanding research programs, a demonstrated interest in fostering collaboration, and a commitment to high-quality teaching with the opportunity to develop courses and academic programming in biopolymers. The metropolitan Atlanta region provides much opportunity for local cooperation in medical research and development, along with potential entrepreneurial opportunities through the Institute’s (IC)/program.

Candidates should submit an application letter describing their vision for the position, a curriculum vitae, and names (and contact information) for five references to www.mse.gatech.edu/Hightower. The application review process will begin immediately and will continue until the position is filled. Enquiries may be made to chair of the search committee at anselm.griffin@mse.gatech.edu. All enquiries and applications will be treated as confidential.

Georgia Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Applications and nominations from female and minority candidates are encouraged.

Faculty Position in Molecular Pathogenesis
Department of Biological Sciences
Purdue University

The Department of Biological Sciences, Purdue University, invites applicants for a tenure-track faculty position in the area of Molecular Pathogenesis. Potential areas of research in bacterial or viral systems include: • Host-microbe interactions • Structural basis and mechanisms of pathogenesis • Systems biology of pathogenic organisms • Trafficking of intracellular pathogens

Applicants must have a Ph.D. or equivalent in an appropriate discipline such as microbiology, cell biology, or structural biology and at least 2 years of postdoctoral experience. We expect to fill this academic year appointment at the Assistant Professor level. The successful applicant is expected to conduct research to address fundamental questions in the areas listed above; teach undergraduate and graduate students; and participate in ongoing programs in the Department of Biological Sciences.

The Department has over 50 faculty members conducting research in a wide range of fields including microbiology/virology, structural biology, molecular/cell biology, plant biology, bioinformatics, evolutionary biology, and ecology. Further information about the Department is available at http://www.bio.purdue.edu/. The successful candidate will have opportunities to interact with microbiologists across the University, including colleagues in Discovery Park’s Bindley Bioscience Center. Instrumentation for systems level analyses and biological image analysis is available at the Bindley Bioscience Center and Birck Nanotechnology Center. Purdue University is expanding Life Sciences research with new facilities in the Jischke Hall of Biomedical Engineering and the Hockmeyer Hall of Structural Biology.

Applications must be submitted electronically to https://hiring.science.purdue.edu as a single PDF file that includes a detailed curriculum vitae, names and addresses of three referees, a 2 - 3 page summary of research interests, and a one-page teaching statement. Inquiries should be directed to Microbiology Search Committee, Department of Biological Sciences, Purdue University, 915 W. State St., West Lafayette, IN 47907-2054 or emailed to search@bio.purdue.edu. Review of applications will begin October 15, 2012 and continue until the position is filled. A background check will be required for employment in this position.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.

The Linda and Jack Gill Center for Biomolecular Science
Indiana University, Bloomington, IN

ENDOWED PROFESSORSHIP IN CELLULAR/ MOLECULAR NEUROSCIENCE

Indiana University – Bloomington and The Linda and Jack Gill Center for Biomolecular Science seek an outstanding senior-level molecular or cellular neuroscientist to join the Gill Center (www.indiana.edu/~gillctr) as one of five endowed chairs. This position offers an attractive salary and start-up package, a generous annual endowment, and access to substantial core facilities. The Gill Center Laboratories are housed in a new research building. We specifically seek an individual with a record of outstanding research contributions, proven ability to secure sustained extramural funding, expertise in state-of-the-art molecular and cellular neuroscience techniques, and demonstrated leadership in their chosen field. A PhD and/or MD in a relevant discipline is required. The Gill Center was established by a generous gift from Linda and Jack Gill with a mission to address important neuroscience questions using cutting edge technology. Questions about the position can be directed to the director of the Gill Center, Ken Mackie (kmackie@indiana.edu). Applicants should electronically submit dossiers, including a curriculum vita, a statement of research accomplishments and future plans, representative publications, and the names of three references to Misty Theodore (gillctr@indiana.edu).

Applications will be reviewed until the position is filled. Indiana University is an Affirmative Action Employer. Applications from women and minority candidates are especially encouraged.

THE LINDA AND JACK GILL CENTER FOR BIOMOLECULAR SCIENCE
INDIANA UNIVERSITY, BLOOMINGTON, IN

Georgia Institute of Technology

Hightower Endowed Chair in Biopolymers

The School of Materials Science and Engineering at the Georgia Institute of Technology invites applications and nominations for the Hightower Chair in Biopolymers. This senior position will serve as a focal point within the School and the Institute for research and teaching in the field of biopolymers, while working to broaden interactions in polymer science, bio-materials and polymeric materials having a biological origin or function. Candidates with interests in the theory, design, synthesis, processing, characterization, and applications of biopolymers are especially encouraged to apply. There are numerous opportunities for campus-wide interactions in the various units of the Colleges of Engineering and Science, including the School of Applied Physiology and the Department of Biomedical Engineering. Further interactions are envisioned with the Parker H. Petit Institute for Bioengineering and Bioscience (IBB), the Strategic Energy Institute (SEI), and the Institute for Electronics and Nanotechnology (IEN). The successful candidate should have a history of establishing outstanding research programs, a demonstrated interest in fostering collaboration, and a commitment to high-quality teaching with the opportunity to develop courses and academic programming in biopolymers. The metropolitan Atlanta region provides much opportunity for local cooperation in medical research and development, along with potential entrepreneurial opportunities through the Institute’s (IC)/program.

Candidates should submit an application letter describing their vision for the position, a curriculum vitae, and names (and contact information) for five references to www.mse.gatech.edu/Hightower. The application review process will begin immediately and will continue until the position is filled. Enquiries may be made to chair of the search committee at anselm.griffin@mse.gatech.edu. All enquiries and applications will be treated as confidential.

Georgia Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Applications and nominations from female and minority candidates are encouraged.
The Department of Neuroscience at the University of Texas Southwestern Medical Center, under the leadership of Dr. Joseph Takahashi, invites applications at the Assistant Professor level for a tenure-track Faculty position in the broadly defined areas of neurogenetics, electrophysiology and imaging. We seek outstanding scientists addressing molecular and genetic mechanisms underlying behavior, neural circuits and related neurological disorders. Our emphasis is on individuals using forward genetic approaches to understand the nervous system and behavior. Individuals using advanced functional approaches to study neural circuits are also particularly encouraged to apply. Scientists within the Department of Neuroscience participate in a vibrant, interdisciplinary, interdepartmental, and highly collaborative research community within the University, and enjoy access to state-of-art research cores in imaging, mouse MRI imaging, metabolic phenotyping, behavioral phenotyping, protein chemistry, structural biology, genomics, genetics and transgenic technology.

Applicants should submit a curriculum vitae, two-page summary of research accomplishments and future plans. Applicants should arrange to have 3-5 letters of recommendation sent to the search committee.

Please e-mail application materials to: neurosciencere@utsouthwestern.edu, Neuroscience Search Committee, The University of Texas Southwestern Medical Center at Dallas, 5323 Harry Hines Blvd., Dallas, TX 75390-9111. The deadline for receipt of applications is November 1, 2012.

The University of Texas Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

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Environmental Plant Physiologist
Assistant Professor
School of Biological Sciences
College of Arts and Sciences

The School of Biological Sciences at Washington State University, Pullman, Washington, invites applications for a full-time, permanent, tenure-track faculty position in environmental plant physiology. This position is to be filled at the Assistant Professor level and will begin in August of 2013. Candidates should have integrative research that addresses the physiological adaptation of plants at the organ/whole plant level to changing environmental conditions. Candidates will be expected to apply modern physiological methods, coupled with developing techniques, in research on the mechanisms (e.g., signaling processes, gene and biochemical regulation) controlling the plasticity of plants to optimize physiological processes, such as photosynthesis, primary metabolism, and growth.

Required qualifications include an earned doctorate at time of application, a record of research accomplishment in environmental plant physiology, record of ability to teach undergraduate and graduate courses in plant biology, including physiology, effective communication skills, and demonstrated ability to collaborate with other scientists. Successful candidates will be expected to develop and maintain an active research program supported by extramural funding, train graduate and undergraduate students, participate in graduate and undergraduate teaching, participate in service needs, and advance our commitment to diversity and multiculturalism.

To apply, visit www.wsujobs.com to upload application materials. Applications must include a letter of application addressing qualifications, a curriculum vitae, separate teaching and research statements and up to three (3) selected reprints of published or in press papers. Three (3) letters of recommendation that address the applicant’s history of and potential for research, teaching and communication excellence are required. The reference letters will be automatically requested and obtained from the reference provider through our online application system. Review of applications begins November 1, 2012. For information on the position or the status of your application, candidates may contact Dr. Michael Knoebauch (knoebauch@wsu.edu). Full notice of vacancy can be viewed at https://www.wsujobs.com.

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The Department of Biochemistry at Purdue University, West Lafayette, Indiana invites applications for a tenure track faculty position at the Assistant or Associate Professor level. The search will be focused on identifying researchers addressing critical questions in mechanistic protein biochemistry including, but not limited to, protein structure/function relationships and metabolic pathway analysis in plants, microorganisms, or animals. Applicants whose research is enabled by interdisciplinary approaches such as genomics and bioinformatics, single molecule analyses, synthetic biology or chemical biology will be of particular interest. The successful candidate will be expected to develop an internationally-recognized research program, interact with diverse faculty, staff and students across campus, demonstrate excellence in teaching and function as an active member of the department and university faculty.

The Department of Biochemistry is a small, interactive, and collegial community of researchers that contributes significantly to the vibrant life science community of Purdue University. Our faculty participate in interdisciplinary programs in plant biology, genetics, bioinformatics, cancer, neuroscience, and biophysics. Support facilities are available for genomic analysis, metabolomics, protein mass spectrometry, NMR, X-ray crystallography, microscopy, and transgenic animal research. For more information see www.biochem.purdue.edu.

Applicants for assistant professor should have a Ph.D. or equivalent degree in biochemistry, biophysics, computational biology or a related field and at least two years of post-doctoral experience. Successful candidates should have a strong publication record, the potential to develop a vigorous, extramurally-funded research program, and a commitment to research and teaching excellence. Candidates at the associate professor level must have a track record of academic achievement and external funding in addition to the above. Applications should include a cover letter, curriculum vitae, two-page summary of research interests, one-page teaching statement and the names and contact information of three references. Applications should be submitted electronically to biochem-search@purdue.edu. Screening of applications will begin October 8, 2012 and will continue until the position is filled. A background check will be required for employment in this position.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.

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The Department of Biochemistry at the University of Tennessee at Knoxville (UTK) is soliciting applications for a full-time, tenure-track position at the rank of ASSISTANT PROFESSOR, to begin August 1, 2013. The BCMB Department (http://web.bmc.utk.edu/bcmb) has 32 faculty members with core strengths in structural biology, plant biology, and developmental genetics. We seek applicants who use contemporary experimental biophysical methods to explore fundamental molecular, cellular, or physiological processes. The ideal candidate will develop an innovative and extramurally funded research program that complements existing areas of strength including membrane structure/function, protein trafficking, signal transduction, chromatin structure, and enzyme structure/function.

Applicants must have a Ph.D. and postdoctoral experience in an appropriate discipline with evidence of high quality research, a strong commitment to teaching, and the ability to teach introductory biochemistry and/or physical biochemistry as well as more advanced graduate courses in their area. Applicants should send a single PDF containing a cover letter, curriculum vitae, concise outline of current and future research interests, and statement of teaching effectiveness to biophysical@utk.edu. Applicants should arrange for three letters of recommendation to be sent electronically to referenceletters@utk.edu. Further inquiries can be directed to Dr. Barry D. Bruce, (865-974-4082; bbruce@utk.edu). Review of applications will begin on October 15, 2012 continue until the position is filled.

The Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADA/ESEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.
The University of Texas at Austin
Assistant/Associate Professor in Cell Biology

The Section of Molecular Cell and Developmental Biology invites applications for a tenure-track or tenured Assistant/Associate Professor position. We seek an outstanding junior or mid-career investigator who will build an active research program in eukaryotic cell biology and who will teach effectively at the undergraduate and graduate levels. We are particularly interested in applicants who bridge or build on existing research strengths within the Section to address important questions in any area of cell biology. The successful applicant will be joining the biology community at UT-Austin during an exciting phase of growth, with recent hires in cell biology, developmental biology, plant biology, neuroscience, cancer biology, and related areas. Very generous start-up funds are available, and the successful candidate will also be eligible for affiliation with the Institute for Cellular and Molecular Biology, which provides state-of-the-art facilities and supports an excellent graduate program.

Austin is located in the Texas hill country and is widely recognized as one of America’s most beautiful and liveable cities.

Please send a single PDF file containing a cover letter, CV, 2-3 page statement of current and future research directions and a 1 page teaching statement to: MCDB_cell_bio@austin.utexas.edu

Please have 3 letters of reference sent as PDF files to the e-mail address above. Completed applications received by November 1, 2012 will receive first consideration, and applications will continue to be accepted until the position is filled.

Home pages: http://www.biosci.utexas.edu/MCDB/ and http://www.icmb.utexas.edu/

The University of Texas, Austin is an Equal Opportunity Employer that values diversity in its work force. Women and minorities are encouraged to apply. A background check will be conducted on applicant selected.

NEUROPHYSIOLOGIST
Tenure-Track Faculty Position
Biology Department
Williams College

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 2013. We seek a broadly-trained scientist who studies neurons at the cellular level and incorporates techniques such as optogenetics or electrophysiology in their research program. The candidate is expected to develop a research program that attracts extramural funding and involves undergraduates. Start-up funds and internal funding for research are available. Normally, faculty members teach one course and two laboratory sections (or the equivalent) each semester, the candidate is expected to teach an animal physiology course, upper-level courses in the applicant’s specialty and introductory courses within the biology department and Neuroscience Program.

A Ph.D., postdoctoral experience, and a strong research record are required. We anticipate an appointment at the beginning assistant professor level, although a more senior appointment is possible under special circumstances. All offers of employment are contingent upon completion of a background check. Applicants should submit curriculum vitae, brief statements of teaching and research interests, and arrange for three letters of recommendation to be sent by November 2, 2012, to: neurosearch@williams.edu, care of Steven Swoop, Chair, Department of Biology, Williams College.

Williams College is a coeducational liberal arts institution located in the Berkshires Hills of western Massachusetts with easy access to the culturally rich 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).

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.

The University of Texas at Austin
Plant Molecular Biology Position

The Section of Molecular Cell and Developmental Biology invites applications for a tenure-track Assistant Professor position. We seek an outstanding investigator who will build an active research program and who will teach effectively at undergraduate and graduate levels. We seek applications from individuals who use contemporary approaches to address fundamental questions in any area of plant biology, including but not limited to epigenetics, genetics, genomics, RNA biology, cell biology, and developmental biology. The successful applicant will be joining the biology community at UT-Austin during an exciting phase of growth, with recent hires in developmental biology, plant biology, systems biology, neurobiology, and related areas. Very generous start-up funds are available, and the successful candidate will be eligible for affiliation with the Institute for Cellular and Molecular Biology, which provides state-of-the-art facilities and supports an excellent graduate program. The successful candidate will also be affiliated with the plant biology graduate program.

Austin is located in the Texas hill country and is widely recognized as one of America’s most beautiful and liveable cities.

Please send a single PDF file containing a cover letter, CV, 2-4 page statement of current and future research directions and a 1 page teaching statement to: MCDB_plantbio@austin.utexas.edu

Please also request 3 letters of reference to be sent as PDF files directly to the e-mail address above. Completed applications received by November 1, 2012 will receive first consideration, but applications will continue to be accepted until the position is filled.


The University of Texas, Austin is an Equal Opportunity Employer that values diversity in its work force. Women and minorities are encouraged to apply. A background check will be conducted on the applicant selected.
The Stanford Institute for Neuro-Innovation and Translational Neurosciences (SINTN) and the Department of Ophthalmology seek to appoint a new faculty member in the area of basic or translational vision science. In addition to leading a research laboratory, the faculty member will be expected to mentor students and post-doctoral fellows. The appointment will be made at the Assistant, Associate or Full Professor level in the University Tenure Line, commensurate with the applicant’s experience. The predominant criterion for appointment in the University Tenure Line is a major commitment to research and teaching.

Please submit a curriculum vitae, statement of research interests and 3 reference letters via academicjobsonline.org by October 31, 2012 to:

Brian Wandell, PhD
Isaac and Madeline Stein Family Chair
Director, Stanford’s Center for Neurobiological Imaging
Chair, Search Committee
c/o Kristy Verhines
Stanford University School of Medicine
Lorry Lokey Stem Cell Research Building, G1078
265 Campus Drive
Stanford, CA 94305-5453

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

James P. Wilmot Cancer Center Faculty Position

The James P. Wilmot Cancer Center at the University of Rochester Medical Center will recruit a tenure-track faculty member at any level with expertise in the area of head and neck cancer research. The successful candidate will be a member of the newly established head and neck cancer program, be affiliated with a fitting academic department and benefit from a multidisciplinary and highly interactive research community, a vibrant graduate program and state of the art infrastructure and core facilities at the University of Rochester.

Qualified candidates who study basic science and/or translational aspects of head and neck cancer are invited to apply to the search committee. Candidates with a strong record of accomplishment should submit a CV, statement of research interests/plans, pdfs of two publications, and arrange to have three letters of recommendation sent to: tina_faugh@urmc.rochester.edu.

Review of applications will start October 15th, 2012.

The University of Rochester is an Equal Opportunity Employer and has a strong commitment to diversity and actively encourages applications from candidates from groups underrepresented in higher education.

Neuroscience Faculty Recruitment

The Department of Neuroscience at Columbia University is currently recruiting faculty in the neurosciences, with a primary emphasis on three research areas: (1) cognitive and/or motor processes in awake, nonhuman primates; (2) linking neural circuitry and behavior in genetically tractable mammalian systems; and (3) molecular, cellular, and/or developmental neuroscience. In a cover letter, please direct your application to one of these three research areas. In exceptional circumstances, we will also consider applications in areas more distantly related to these three primary research themes. We encourage applications at all levels of seniority, from assistant to full professor.

Columbia University has an exceptionally strong and broad program in the neurosciences and aims to enhance interactions between basic and clinical research and to link the neurosciences with a wide range of other disciplines within the University. New faculty will be affiliated with the Department of Neuroscience, with the Doctoral Program in Neurobiology and Behavior, and with a newly established Mind Brain Behavior Institute. In addition, there are numerous opportunities for interaction with other scientific departments and programs at the Medical Center and Morningside Heights campuses.

The application deadline is November 30, 2012. Please submit applications online at https://academicjobs.columbia.edu/applicants/Central?quickFind=56746 and include a cover letter, curriculum vitae, and a statement of research interests. In addition, please arrange for three references to submit letters of recommendation.

Columbia University takes affirmative action to ensure equal opportunity.
NORTHEASTERN UNIVERSITY

ASSISTANT PROFESSOR

The Department of Molecular BioSciences encourages outstanding individuals with research interests that complement existing strengths of the department to apply for tenure-track appointments at the level of Assistant Professor. The department is an exciting interdisciplinary research and training environment located on Northeastern’s Evanston, Illinois campus (http://www.molbiosci.northwestern.edu). Current faculty research interests encompass biochemistry, cell and developmental biology, structural biology and molecular biology.

We are particularly interested in the following areas:

- Biophysical approaches to study protein-protein or protein-nucleic acid interactions.
- Systems Biology, especially those using high-throughput approaches to study biological complexity, synthetic biology, or developmental networks.

Applicants should prepare a cover letter, curriculum vitae, statement of teaching experience and interests, research summary, and a statement of future research goals. For further instructions and to submit the application, please visit the Molecular BioSciences homepage at http://www.molbiosci.northwestern.edu. Applicants should arrange for at least three letters of recommendation to be submitted on their behalf. Questions should be sent to molbiosci-search@northwestern.edu. To ensure full consideration, please submit all materials by November 1, 2012.

Northwestern University is an Affirmative Action/Equal Opportunity Employer. Women and underrepresented minorities are especially encouraged to apply.
Associate Professor – Professor Center for Biotechnology and Genomic Medicine

We seek distinguished investigators to join the Center for Biotechnology & Genomic Medicine (CBGM) at Georgia Health Sciences University. We currently have two faculty positions open at the Associate Professor to Professor Level. These positions will be part of a well-funded and growing team of researchers that are dedicated to advancing translational research through the use of modern high throughput technologies. The positions require a doctoral degree and additional research experience and extramural funding. The CBGM is currently looking for applicants with expertise in the following disciplines: Glycomics, Epigenetics/Epigenomics, Metabolomics and Drug Discovery.

Send CV, 3 references, and research plans to the center director: Jin-Xiong She, Ph.D., Center for Biotechnology and Genomic Medicine, GHSU, 1120 15th Street, CA-4124, Augusta, GA 30912-2400. Email: jshe@georgiahealth.edu.

All applicants must apply through www.georgiahealth.edu/facultyjobs.

The Georgia Health Sciences University (GHSU) is the health sciences campus of the University System of Georgia. It is located in a historic city of Augusta, Georgia with excellent recreational and lifestyle opportunities. Searches are part of a 5-year initiative to recruit 10 new research faculty positions through the use of modern high throughput technologies. The CBGM is currently looking for applicants with expertise in the following disciplines: Glycomics, Epigenetics/Epigenomics, Metabolomics and Drug Discovery.

Applications from women and members of under-represented minority groups encouraged. EEO/AA/Equal Access Employer.

FACULTY POSITIONS IN BIOCHEMISTRY, MOLECULAR BIOLOGY, AND GENETICS

The Department of Biochemistry and Molecular Biology at the Penn State University College of Medicine is expanding under the new leadership of Dr. James R. Broach. The Department invites applications from outstanding scientists with Ph.D., M.D., or equivalent degrees for two full-time tenure-track positions. We seek candidates at the Assistant Professor level who have an active highly competitive independent research program or who show a strong potential to develop such a program. For one position (BMB1) we look for candidates in the areas of molecular biology, genetics, epigenetics, and/or genomics. For the other position (BMB2) we seek candidates who are using state-of-the-art Mass spectrometry-based methods to study protein expression (proteomics), metabolism (metabolomics), or the role of protein modification in its normal function and disease. For additional information, please visit the following website: http://www2.med.psu.edu/biochemistry/. Applicants should submit a curriculum vitae and a brief statement of research plans, and arrange for three letters of reference to be sent to Faculty Search Committee, biochem_apply@hmc.psu.edu or to Department of Biochemistry and Molecular Biology H171, Penn State University College of Medicine, Hershey PA 17033. Application should be received prior to November 15, 2012.

Employment will require successful completion of background check(s) in accordance with University policies. Penn State is committed to Affirmative Action, Equal Opportunity and the diversity of its workforce.

The University of Oklahoma invites applications for a tenure-track faculty position at the rank of Assistant Professor beginning August 16, 2013. We are especially interested in applicants with biochemistry expertise who use macromolecular X-ray crystallography to investigate drug interactions with biologically relevant targets. The successful candidate will become an active member in the Oklahoma Center of Biomedical Research Excellence (CoBRE) in Structural Biology (OCSB) and the Institute for Natural Products Applications and Research Technologies (INPART). Both units are located in the Stephenson Life Sciences Research Center on the University of Oklahoma Research Campus (http://urc.ou.edu). The successful candidate is expected to establish a productive and externally funded research program that involves collaborations among OCSB and INPART members, as well as contribute to the department’s graduate and undergraduate teaching missions: normal teaching expectation is one major course per semester. Applicants must have completed a Ph.D. degree in chemistry, biochemistry, or a closely related field (postdoctoral experience preferred) by the time of appointment.

Interested individuals should submit a single PDF file to biochemsrch@ou.edu containing the following: a cover letter describing their interest in this position, a curriculum vita, a description of research accomplishments and future research plans (6 page limit), and a statement of teaching experience and interests. Candidates should also request three letters of recommendation and have them sent directly to biochemsrch@ou.edu. To ensure full consideration, all application materials should be received by October 22, 2012. This position will remain open until filled. For more information, visit http://chem.ou.edu.

The University of Oklahoma is an equal opportunity institution. www.ou.edu/eoo

FACULTY POSITIONS IN BIOCHEMISTRY, MOLECULAR BIOLOGY, AND GENETICS

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Interested individuals should submit a single PDF file to biochemsrch@ou.edu containing the following: a cover letter describing their interest in this position, a curriculum vita, a description of research accomplishments and future research plans (6 page limit), and a statement of teaching experience and interests. Candidates should also request three letters of recommendation and have them sent directly to biochemsrch@ou.edu. To ensure full consideration, all application materials should be received by October 22, 2012. This position will remain open until filled. For more information, visit http://chem.ou.edu.

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The University of Oklahoma is an equal opportunity institution. www.ou.edu/eoo
There’s only one

Dr. Shirley Malcom

To Dr. Shirley Malcom, born and raised in the segregated South more than 65 years ago, a career based on her studies in science seemed even less likely than the launch of the Soviet’s Sputnik. But with Sputnik’s success, the Space Race officially started and, in an instant, brought a laser-like focus to science education and ways to deliver a proper response. Not long after, Dr. Malcom entered the picture.

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

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

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

At Science we are here to help you in your own scientific career with expert career advice, forums, job postings, and more — all for free. Visit Science today at ScienceCareers.org.
University Lectureship in Biochemistry, Structural Biology and Biophysics – in association with a Tutorial Fellowship at Lincoln College

Salary £42,883 - £57,581 per annum
Department of Biochemistry

Applications are invited for a University Lectureship in Biochemistry in the area of Structural Biology and Biophysics. This position would be held within the Department of Biochemistry, University of Oxford, leading to a permanent academic post upon the successful completion of a probationary period. A Tutorial Fellowship at Lincoln College is attached to this position.

The successful applicant will join a team of structural biologists and biophysicists which forms a key element of research within the new Biochemistry Building. The principal duty will be to establish and lead a world-class research programme in the area of experimental structural biology and/or biophysics of membrane proteins and related systems. The successful applicant will have, or show promise of, an international reputation for research and scholarship, and will contribute to and benefit from a full role in the academic life of the Biochemistry Department and of Lincoln College. He/she will be able to demonstrate the ability to teach high-achieving and challenging undergraduates and graduate students. Please see the further particulars on the website at http://www.admin.ox.ac.uk/fp for more details about the post and for full instructions before making an application. For an informal discussion, please contact Professor Mark Sansom, David Phillips Professor of Molecular Biophysics and Head of Department, on: (01865) 613 212 or head@bioch.ox.ac.uk Applications should be sent by email to academicrecruitment@bioch.ox.ac.uk by 12 noon on Friday 12 October 2012. Applications are particularly welcome from women and ethnic minorities, who are under-represented in academic posts in Oxford.

Committed to equality and valuing diversity

University Lectureship in Biochemistry, Membrane Protein Crystallography – in association with an Official Studentship at Christ Church

Salary £42,883 - £57,581 per annum
Department of Biochemistry

Applications are invited for a University Lectureship in Biochemistry in the area of Membrane Protein Crystallography. This position would be held within the Department of Biochemistry, University of Oxford, leading to a permanent academic post upon the successful completion of a probationary period. An Official Studentship (i.e. a tutorial fellowship) at Christ Church is attached to this position.

The successful applicant will join a team of structural biologists and biophysicists which forms a key element of research within the new Biochemistry Building. The principal duty will be to establish and lead a world-class research programme in the area of structural biology as applied to membrane proteins. The successful applicant will have, or show promise of, an international reputation for research and scholarship, and will contribute to and benefit from a full role in the academic life of the Biochemistry Department and of Christ Church. He/she will be able to demonstrate the ability to teach high-achieving and challenging undergraduates and graduate students. Please see the further particulars on the website at http://www.admin.ox.ac.uk/fp for more details about the post and for full instructions before making an application. For an informal discussion, please contact Professor Mark Sansom, David Phillips Professor of Molecular Biophysics and Head of Department, on: (01865) 613212 or head@bioch.ox.ac.uk Applications should be sent by email to academicrecruitment@bioch.ox.ac.uk by 12 noon on Friday 12 October 2012. Applications are particularly welcome from women and ethnic minorities, who are under-represented in academic posts in Oxford.

Committed to equality and valuing diversity
**Department of Stem Cell and Regenerative Biology (HSCRB) Harvard University**

**POSTDOCTORAL FELLOWSHIPS**

The Department of Stem Cell and Regenerative Biology is actively seeking postdoctoral fellows in a wide variety of fields within stem cell and regenerative biology. Some appointments are funded through research grants awarded to Faculty members and are ordinarily for one year, sometimes renewable; other appointments are possible through individual postdoctoral fellowships.

For information on these research opportunities, application instructions, and the list of Faculty members with current openings, please visit the HSCRB website: [http://www.hscrb.harvard.edu](http://www.hscrb.harvard.edu).

*Harvard University is an Equal Opportunity/Affirmative Action Employer.*

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**Sandia National Laboratories**

Sandia National Laboratories is one of the country’s largest research facilities employing nearly 8,500 people at major facilities in Albuquerque, New Mexico and Livermore, California. Please visit our website at [www.sandia.gov](http://www.sandia.gov).

We are seeking applicants for the President Harry S. Truman Fellowship in National Security Science and Engineering. Candidates for this position are expected to solve a major scientific or engineering problem in their thesis work or have provided a new approach or insight to a major problem, as evidenced by a recognized impact in their field.

Sandia’s research focus areas are: bioscience, computing and information science, engineering science, materials science, nanodevices and microsystems, radiation effects and high energy density science, and geoscience.

Candidates must meet the following requirements: U.S. citizenship, the ability to obtain and maintain a DOE “Q” clearance, and a Ph.D. (3.5 undergraduate and 3.7 graduate GPA preferred), awarded within the past three years at the time of application, or completed Ph.D. requirements by commencement of appointment. Candidates must be seeking their first national laboratory appointment (postdoc internships included).

The Truman Fellowship is a three-year appointment normally beginning on October 1. The salary is $110,900 plus benefits and additional funding for the chosen proposal. The deadline to apply is November 1st of each year.

For complete application instructions, please visit: [http://www.sandia.gov/careers/students_postdocs/fellowship/truman_fellowship.html](http://www.sandia.gov/careers/students_postdocs/fellowship/truman_fellowship.html)

Please submit the complete package to: Yolanda Moreno, Sandia National Laboratories, P.O. Box 5800, MS0359, Albuquerque, NM 87185-0359, or email ymoreno@sandia.gov. Please reference Job ID: 649071. All materials must be received by November 1, 2012.

*U.S. Citizenship Required. Equal Opportunity Employer: M/F/D/V.*

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**WOMEN IN SCIENCE**

forging new pathways in green science

Read inspiring stories of women working in “Green Science” who are blending a unique combination of enthusiasm for science and concern for others to make the world a better place.

Download this free booklet ScienceCareers.org/LOrealWiS

This booklet is brought to you by the AAAS/Science Business Office in partnership with the L’Oreal Foundation.
AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers
AAAS is here – bringing scientific expertise to policy making.

Good science policy is the result of politicians understanding science and scientists understanding policy. Toward this end, AAAS manages the Science & Technology Policy Fellowships program, which embeds scientists and engineers in the federal government for up to two years. From Congress to the State Department, each class of Fellows contributes to the policy-making process while getting hands-on experience at the intersection of science and policy. As a AAAS member your dues support these efforts. If you’re not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/fellows
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
AAAS is here – bringing educational infrastructure to the developing world.

AAAS is helping the Rwandan government rebuild its educational infrastructure as a way to help drive economic growth and development. By providing materials such as the Project 2061 Atlas of Science Literacy, lesson plans from Science NetLinks, and access to Science digital libraries, AAAS is helping the people of Rwanda work toward a future built around science and technology. As a AAAS member your dues support these efforts. If you’re not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/rwanda
AAAS is here – promoting universal science literacy.

In 1985, AAAS founded Project 2061 with the goal of helping all Americans become literate in science, mathematics, and technology. With its landmark publications *Science for All Americans* and *Benchmarks for Science Literacy*, Project 2061 set out recommendations for what all students should know and be able to do in science, mathematics, and technology by the time they graduate from high school. Today, many of the state standards in the United States have drawn their content from Project 2061.

Every day Project 2061 staff use their expertise as teachers, researchers, and scientists to evaluate textbooks and assessments, create conceptual strand maps for educators, produce groundbreaking research and innovative books, CD-ROMs, and professional development workshops for educators, all in the service of achieving our goal of universal science literacy.

As a AAAS member, your dues help support Project 2061 as it works to improve science education. If you are not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit [aaas.org/plusyou/project2061](http://aaas.org/plusyou/project2061)
AAAS is here – helping educators make informed decisions.

For many K-12 teachers and librarians, tight budgets mean every purchase needs to deliver maximum value in the classroom. With Science Books & Films (SB&F) AAAS provides educators a way to find the best resources and the best values. With hundreds of book and movie reviews SB&F helps science educators bring the best tools to their schools. As a AAAS member your dues support these efforts. If you’re not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sbf
AAAS is here – preparing minority students for careers in science.

Part of AAAS’s mission is to strengthen and diversify the scientific work force. To help achieve this goal AAAS partners with NSF to present the Historically Black Colleges and Universities Undergraduate Program, a conference where students from HBCUs get experience presenting their research, networking with peers, meeting with representatives from graduate schools, and learning about career opportunities. As a AAAS member your dues support these efforts. If you’re not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/hbcuup
Nontraditional Careers: Opportunities Away from the Bench

Webinar

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

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FACULTY POSITIONS

The Department of Molecular & Cellular Physiology invites applications for a tenure-track position at the level of ASSISTANT PROFESSOR. Successful applicants will be expected to develop an independent, nationally funded research program. Research areas are open, but preference will be given to individuals with an interest and record of achievement in the cardiovascular sciences. Information about the departmental research focus is available at website: http://www.shreveportphysiology.com. A generous startup package and appropriate space will be offered. Applicants should have a Doctorate degree and relevant postdoctoral experience. Applications will be reviewed as they are received until the position is filled. Send curriculum vitae and names of three references to: D. Neil Granger, Ph.D., Boyd Professor & Head, Department of Molecular & Cellular Physiology, LSU Health Sciences Center, 1501 Kings Highway, Shreveport, Louisiana, 71130-3922; Fax: 318-675-6005; E-mail: dgrang@lsuhsc.edu.

LSU Health Sciences Center is an Affirmative Action/Equal Opportunity Employer.

STRUCTURAL BIOLOGY AND BIOPHYSICS SEARCH

Iowa State University (ISU) seeks candidates for two tenure-track positions in forefront areas of structural biology and biophysics. Areas of interest include, but are not limited to, cryo-EM and single particle imaging techniques, solid-state and solution magnetic resonance, optical and single molecule studies, diffraction methods, and theoretical approaches. This position interfaces with ISU’s initiatives in human, animal, and plant health. Successful applicants will be affiliated with the Departments of Physics & Astronomy, Chemistry, and/or Biochemistry, Biophysics, & Molecular Biology. Applicants must have a Ph.D. in the physical or biological sciences. They should include a cover letter, curriculum vitae, concise separate statements of priority and future research, and a statement on teaching interests and philosophy. Three reference letters should be electronically sent directly to e-mail: strucbio@iastate.edu. Apply online at website: https://www.iastatejobs.com vacancy #120959 by October 31, 2012 to guarantee full consideration. ISU is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL AND RESEARCH ASSISTANT POSITIONS

Bioinformatics and Genomics of Gene Regulation
University of Texas Southwestern
Medical Center at Dallas

Seeking highly qualified applicants with a Ph.D. or Master’s degree in bioinformatics, computational biology, or genomics to study gene regulation on a global scale in the lab of Dr. W. Lee Kraus. Candidates should be proficient in programming and analysis of genomic data sets, and have experience working with biological systems. The Kraus laboratory has a number of exciting ongoing projects related to the genomics of signal-regulated gene expression (visit our laboratory site and view us on PubMed). The University of Texas Southwestern Medical Center provides a dynamic, collaborative, integrative, and cutting-edge research and training environment.

Candidates should submit curriculum vitae or resume, brief statement of interests and accomplishments, and a list of three references electronically to e-mail: lee.kraus@utsouthwestern.edu. Successful applicants will receive competitive pay and benefits.

University of Texas Southwestern Medical Center is an Equal Opportunity/Affirmative Action Employer.

POSTDOCTORAL POSITION in Chromatin/Epigenetics Research

Investigate how heterochromatic genes are transcriptionally regulated in the model eukaryote, Saccharomyces cerevisiae. These genes exhibit multiple layers of regulation in the model eukaryote, Saccharomyces cerevisiae. These genes exhibit multiple layers of regulation (visit our laboratory site and view us on PubMed). The University of Texas Southwestern Medical Center provides a dynamic, collaborative, integrative, and cutting-edge research and training environment.

Candidates should submit curriculum vitae or resume, brief statement of interests and accomplishments, and a list of three references electronically to: S. Gross, Ph.D., Department of Biochemistry and Molecular Biology, Louisiana State University Health Sciences Center, Shreveport, LA USA. E-mail: dgross@lsuhsc.edu. Equal Opportunity/Affirmative Action Employer.