Faculty Positions
Center for Cell Engineering • Sloan Kettering Institute (SKI)

The Center for Cell Engineering (CCE) at Memorial Sloan Kettering Cancer Center (MSK) is seeking innovative individuals with strong research accomplishments in cell engineering and/or cell therapy for tenure-track positions at all levels. Applicants may be considered for appointment in Immunology, Molecular Pharmacology, Developmental Biology, or other programs of the Sloan Kettering Institute (http://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, and the Tri-Institutional MD/PhD Training Program.

The CCE aims to advance innovative cell therapies, from concept to 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. The presence on campus of world-renowned clinical programs in cancer research, treatment, and prevention offers many opportunities for effective translational research.

Applicants should have an MD and/or PhD degree and a strong record of research achievements. The successful applicant is expected to develop an independently funded research program within a multidisciplinary research environment with a focus on human cell engineering or the development of novel cell therapies.

The deadline for applications is November 1, 2015. Interested candidates should visit https://facultysearch.ski.edu to access the online faculty application. This site contains important information on the required application materials, including deadlines for submission of letters of reference.

To learn more about the CCE, please visit www.mskcc.org/cce. Inquiries may be sent to Eden Bechar at becharde@mskcc.org or to CCE Director Michel Sadelain at msadelain@ski.mskcc.org. MSK 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.

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Penn Dental Medicine

Tenured Professor and Chair Department of Biochemistry

The University of Pennsylvania, School of Dental Medicine invites applications for a tenured Professor and Chair of the Department of Biochemistry. Candidates are sought who have a strong record in research and extramural funding in topics that involve biochemistry, molecular and cellular biology, immunology, development biology, cancer biology, and regenerative medicine. Experience in and commitment to interdisciplinary teaching is required.

The Department Chair will have the opportunity to build new and enhance existing research areas. The School of Dental Medicine is situated on a walkable campus that includes the Schools of Medicine, Veterinary Medicine, Nursing, Engineering, the Hospital of the University of Pennsylvania and the Children’s Hospital of Philadelphia, and has a vibrant and interdisciplinary research program. The School is committed to education of oral health professionals in order to prepare graduates to become leaders in the delivery of dental care and in oral biology research. The Department is responsible for teaching biochemistry to dental students and for the ongoing development of these courses to meet the educational needs of new generations of oral health professionals. Responsibilities of the Chair include: recruitment and retention of faculty, provision of leadership in the areas of faculty research, teaching and service; and oversight of departmental activities such as budget development and administration.

Individuals with a PhD, DMD/DDS, MD, DVM or equivalent are invited to submit a statement of research and teaching interests, and curriculum vitae. Review of applications will begin immediately and continue until the position is filled. Applicants should apply online at: https://facultysearches.provost.upenn.edu/postings/620. Information about the position may be obtained from the Administrator to the Chair of the Search Committee: Amber Banayat, Department of Anatomy and Cell Biology, School of Dental Medicine, University of Pennsylvania, 240 S. 40th Street, Philadelphia, PA 19104; abanayat@dental.upenn.edu.

The University of Pennsylvania is an Affirmative Action/Equal Opportunity Employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, religion, sex, sexual orientation, gender identity, creed, national or ethnic origin, citizenship status, age, disability, veteran status, or any other characteristic protected by law. Minorities and women are strongly encouraged to apply.
The Division of Biological Sciences at the University of California, San Diego (www.biology.ucsd.edu) invites applications from outstanding candidates for the following tenure-track or tenured research faculty and teaching faculty positions. All candidates must have earned a Ph.D. or equivalent degree, and be committed to teaching at the undergraduate and graduate levels. In addition to excellence and creativity in research and scholarship, successful candidates must also demonstrate a commitment to equity and inclusion in higher education. We are especially interested in candidates who have created or contributed to programs that aim to increase access and success of underrepresented students and/or faculty in the sciences, and/or have detailed plans to accomplish such goals.

**Cell Biology:** The Section of Cell and Developmental Biology invites applications for a research faculty position at the tenure-track Assistant or tenured Associate Professor level, with a research focus on cell biology. Candidates doing innovative work in any area of cell biology are encouraged to apply. We particularly welcome applications from candidates who combine *in vitro* reconstitution approaches with genetics and/or advanced microscopy to study questions in subcellular organization.

**Host/Microbe Interactions:** The Section of Cell and Developmental Biology invites applications for a research faculty position at the tenure-track Assistant or tenured Associate Professor level with a research emphasis on molecular and cellular mechanisms of host-microbe interactions. Candidates using any model animal host and microbe to study pathogenic or symbiotic interactions are encouraged to apply. We also welcome applications from candidates working in innate immunity and related fields that are using high-resolution imaging, high-throughput screening, genome-scale bioinformatics, or other innovative approaches.

**Neurobiology:** The Section of Neurobiology invites applications for a faculty position at the tenure-track Assistant Professor level in Neurobiology with a strong research emphasis in cellular, molecular or developmental neuroscience. Candidates applying imaging and other cell biological-based approaches to study cellular or subcellular mechanisms underlying brain function and dysfunction are encouraged to apply. This highly interactive group is looking for colleagues who will bring novel approaches, either technical or conceptual, to the study of the brain.

**Teaching Professor:** The Division of Biological Sciences invites applications for a teaching faculty position at the tenure-track Assistant Teaching Professor level. The successful candidate will focus on teaching lab and lecture courses in the area of genome analysis and bioinformatics. Faculty in the Teaching Professor series are Academic Senate members whose expertise and responsibilities center on undergraduate education, as well as the scholarly analysis and improvement of teaching methods.

Review of applications will commence by **October 19, 2015** and will continue until all 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 and 3-5 publications. Applicants at the Assistant Professor level need to submit 3-5 references, and applicants at the Associate Professor level need to provide 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/apply](https://apol-recruit.ucsd.edu/apply).

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.

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Effective teaching: To be an effective educator, get active

Scientists from leading universities, the National Academy of Sciences, and the White House are calling for faculty to move from traditional lecture-based teaching to active learning strategies. Active learning gets students involved in finding, interpreting, and explaining course material. It’s an evidence-based method with rewards for students and instructors. This article explores how—and why—faculty should incorporate active learning into their courses. By Chris Tachibana

Jennifer Loertscher’s Seattle University biochemistry students wander into the classroom, chatting and laughing. Ten minutes later, all 30 are in small groups, grappling with applied problems about lactate fermentation. Loertscher listens in, notes questions, and eventually moderates a class discussion of solutions. The discussion structure pushes students to articulate their assumptions and evidence. The class weighs the strengths and weaknesses of the arguments and the best ways to communicate them—good preparation for next week’s exam.

This is what student-centered, active learning looks like. Students do the meaningful activity of gathering, organizing, analyzing, and interpreting information and explaining it to others. In instructor-centered lecture courses, professors do that work, often learning more than the students.

How active learning works
All active learning methods aim to turn students from passive note-takers into engaged scientific thinkers. Loertscher’s technique is process-oriented guided inquiry learning (POGIL), initiated in Seattle University chemistry classes by Vicky Minderhout Thorsell. Other methods include case-based and problem-based learning, common in medical schools, and flipped classrooms, in which students watch video lectures as homework and work on problems in class. Implementing these approaches isn’t easy but can be rewarding.

“Inquiry-based learning makes people uncomfortable,” says Minderhout Thorsell. “You’re guiding students toward conclusions so you don’t directly answer questions, which can be frustrating for everyone.” To understand how and why active learning works, she says, think of it as coaching. During a soccer practice, players are on the field, getting guidance from the coach. They don’t sit on the bench listening and then work out later at home. “How can you learn to do science,” asks Minderhout Thorsell, “if you don’t practice it with others?”

Students in active learning classes complain about the blind-leading-the-blind feeling of discussing information they haven’t yet mastered. Many appreciate, though, that they stay awake in class, have frequent interactions with faculty, and although initially challenged, ultimately learn more. “We say if you’re not struggling, you’re not learning,” says Minderhout Thorsell.

By engaging students in class, professors give students more responsibility for their own learning. Active learning also provides opportunities for students to practice crucial job skills, including working in teams and solving open-ended problems. For faculty, active learning can make teaching more satisfying. “Since we spend a lot of class time building scientific arguments and communicating them,” Loertscher says, “I can ask higher-level exam questions. The students expect them and know I’ll demand rigorous answers.” Don’t expect higher student evaluation scores, though. Loertscher says that after switching from traditional lectures to inquiry-based classes, she got more strongly positive and negative comments, but overall, her average student evaluations didn’t change.

The case for active learning
So why switch from instructor-centered to student-centered methods, especially when tenure and promotion focuses on research instead of teaching? “Evidence,” says Jennifer Frederick, executive director of the Yale University Center for Teaching and Learning. An extensive body of literature supports the effectiveness of active learning over traditional lectures for student exam performance and comprehension.

Susan Howitt, deputy head of biology teaching and learning, Research School of Biology, Australian National University, studies cell transporters in addition to her administrative and teaching duties. She understands the pressure to publish and the worry that changing teaching methods takes time; however, people who use a lecture-based teaching style are often convinced to change when they see evidence from their own classes, she says. “When faculty get detailed feedback from their own students, they usually see that students who seemed confident actually weren’t that confident about what they knew. Even at the end of a course, many are confused about key concepts.”

Upcoming Features
Regional Focus: China—October 2  ■  Faculty—October 9  ■  Top Employers Survey—October 30

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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 and a component of the Department of Health and Human Services, is pleased to announce its seventh annual call for “NIH Earl Stadtman Investigators,” a broad recruitment of tenure-track investigators (assistant professor equivalent) for the NIH intramural research program.

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A variety of basic and translational/clinical positions are available, with areas of active recruitment including (but not limited to): Behavioral Sciences, Biochemistry, Biomedical Engineering, Biophysics, Biostatistics, Cancer Biology, Cell Biology, Cell Metabolism, Chemical Biology, Chromosome Biology, Circadian Biology, Computational Biology/Bioinformatics (including natural language processing and text mining), Developmental Biology, Epidemiology, Genetics, Genomics, Health Disparities, Hearing & Balance, Immunology, Infectious Diseases, Microbiology, Molecular Pharmacology, Neurodevelopment, Neurosciences, Sensory Biology, Social Sciences, Structural Biology, Systems Biology, Toxicology, Translational and Clinical Research, and Virology.

Who we are: Among our approximately 1,100 principal investigators and 5,000 trainees in the NIH intramural research program are world-renowned experts in basic, translational, population-based, and clinical research. 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: We seek a diverse cadre of creative thinkers eager to take on innovative, high-impact research.

Qualifications/eligibility: Applicants 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 high quality publications in peer-reviewed journals. Applicants should be non-tenured 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 four items: (1) a CV, which should include mentoring and leadership activities; (2) a three-page proposal titled Research Goals, i.e., the research you hope to perform at the NIH; (3) a one-page statement titled Long-term Research Vision and Impact, i.e., what you hope to achieve for yourself, your field, and society; and (4) contact information for three professional references. Submit these through our online application system at http://tenuretrack.nih.gov/apply between August 1 and September 30, 2015 (11:59 p.m. EDT). 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 October 7, 2015 (11:59 p.m. EDT). We cannot accept paper applications.

What to expect: Search committees, composed of experts in various fields, will review and evaluate applicants based on criteria which include publication record, mentoring experience, scientific vision, potential scientific impact of current and proposed research, awards, and references. Select applicants will be invited to the NIH for interviews and will be considered candidates. These candidates will also present seminars open to the public. Some applicants not selected as Earl Stadtman Investigator candidates may be considered for other open NIH research positions. Please find answers to frequently asked questions at http://tenuretrack.nih.gov/apply/faq/stadtman.html.

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.

THE NIH IS DEDICATED TO BUILDING AN INCLUSIVE AND DIVERSE COMMUNITY IN ITS TRAINING AND EMPLOYMENT PROGRAMS
“Education specialists are experts in their field and in teaching and learning in that field.”

— Francis Jones

Frederick also points to a national trend toward scientific teaching, which encourages faculty to apply research principles to teaching. The concept is promoted by, among many others, Jo Handelsman, who is now in the White House Office of Science and Technology Policy (bit.ly/1KD197b). Scientific, research-based teaching makes sense to faculty whose science builds on prior evidence and advances the field through hypothesis-driven experiments and analysis, says Frederick. “Science faculty at elite research institutions are ambitious people who strive for excellence in everything,” she says. “They’re discovering that they can use their classes to test hypotheses about how students learn and to evaluate different learning methods.”

Experience in research-based instruction is a professional asset for new faculty and postdocs entering a tough academic job market. And becoming a discipline-specific education specialist is an emerging career path, says Francis Jones, geophysicist and education specialist in earth, ocean, and atmospheric science at the University of British Columbia (UBC). “This is a growth area,” he says, “as demand increases for postsecondary education.” Education specialists, says Jones, are experts in their field and in teaching and learning in that field. They are most effective when they are integrated into a department as permanent support staff or faculty. Their job is introducing and sharing successful instructional strategies so that the department is using the most up-to-date, evidence-based teaching methods to help students progress.

For universities, a major benefit of active learning is lower failure rates and possible increased retention of science students, including underrepresented minorities and students with economic disadvantages. Active learning methods provide continuous feedback about student progress, so professors know early what concepts are difficult and which students are falling behind. They can make corrections immediately instead of waiting until after an exam. Active learning trains students in widely applicable skills such as problem solving, so it benefits students from disadvantaged backgrounds who have less science experience (bit.ly/1fLGpzD).

Transforming teaching: the first steps

For faculty introducing active learning into their classroom, experienced practitioners have two words: Get help. A large science education community is available to answer questions and offer advice about evidence-based teaching techniques. Guidance is available for all class sizes and subjects. Like Yale University, many institutions have teaching centers that can connect faculty with peers who are using active learning strategies and can give practical advice. University teaching centers also have expertise in evaluating scientific teaching methods. “We can help assess the impact of a teaching innovation,” says Frederick. “We have the instruments and the analytical experience and know-how to use data to guide faculty to successful outcomes.”

Howitt advises starting with a little reflection. Step back and think about what you want to accomplish, she says. A common concern when introducing student-centered activities is that they take time from content that seems critical to cover. Howitt says, this is a good time to ask: What are my goals for this class? What do students need to understand to go on in the field? What do I want them to remember years after the course? Look to the literature. In many fields, professional groups have published core or threshold concepts that students must master to progress.

Howitt and others advise starting small. Adapt your lesson plan to do a brief group activity, suggests Frederick, such as starting and ending lectures with a few minutes for the students to discuss a challenging question with a neighbor. Compare student performance on relevant exam questions to the previous year, analyze the results, and adjust your methods. “People who start with small changes,” says Frederick, “are more likely to keep going and end up transforming the way they teach.”

For laboratory classes and undergraduate research, Howitt has found that simply adding reflective activities enhances student learning. Even when students are in these settings that are designed for practicing science, she says, they still need prompting to get the most out of the experience. “Students often focus on a particular technique and don’t think about the bigger picture,” she says. “Having students reflect on why they are doing certain experiments and what they are learning as they go, for example with an online journal, helps them learn about experimental design and interpretation and where data comes from.”

Faculty teaching workshops are an excellent introduction to innovative methods and need not be a massive time commitment. Annual meetings of organizations like the American Society of Cell Biology often include education sessions. More in-depth experiences are available through the Howard Hughes Medical Institute-funded National Academies Summer Institutes on Undergraduate Education.

Resources for innovative teaching

At UBC, the Carl Wieman Science Education Initiative (CWSEI) has been transforming science teaching since 2007. One specific goal is optimizing the use of education technology. Jones, who is part of CWSEI from the beginning, says that technology enables moving content delivery out of the classroom, so in-class time can be used for practicing expertise-like skills and applying knowledge. Technology also supports scaling-up effective educational practices.

The ideal teaching situation is one-on-one tutoring: an expert working directly with a novice. The close interaction allows the expert tutor to see how the student is thinking—the misconceptions, knowledge gaps, and challenges—and adjust. The adjustment is often for expert blindness: making assumptions and taking shortcuts in reasoning that leave the novice behind. Jones says that technical innovations like online course management programs or the flipped classroom allow faculty to use tutoring practices with many continued>
Facult positions at the Sloan Kettering Institute
Memorial Sloan Kettering Cancer Center

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“Start simple. We suggest a ‘10% rule,’ meaning take small steps and work on a little bit of the class at a time. It’s just like experimental science. You don’t usually change all the variables at once.”

– Jennifer Frederick

students, to see how the students are thinking and react to support them.

Which brings us to personal response systems—clickers. These handheld wireless devices record individual student responses to in-class questions. Instructors can choose to display aggregated responses, for example as histograms, to make the collective thinking visible to the entire class. For many professors, especially in large classes, the first step toward active learning is introducing clickers or a low-tech option such as colored cards that students raise to indicate responses.

The UBC CWSEI has a guide for effective teaching using clickers. The key is moving beyond simple recall or comprehension checks to meaningful questions that encourage thinking about the solution instead of eliminating wrong answers. Students get the most out of clicker questions if they have time for individual reflection and group discussion before seeing the answer. Faculty can find effective clicker questions and get help with clicker strategies from the science education community and their university teaching center.

To deliver content and foster expert-novice and peer-to-peer interactions outside of class, most universities have an in-house course management system or access to commercial options. Jones says that educational information technology is still being refined. Standardization that will allow cross-institutional sharing of active learning resources will come.

In the meantime, he says, technology is already enhancing professors’ ability to see student thinking. “Undergraduate science classes with hundreds of students don’t allow that optimal model of experts tutoring one or a few novices,” he says. “But clickers, in-class worksheets, and content delivery with online quizzes using learning management platforms are examples of strategies that can make student thinking visible on a large scale.”

Persevere: It’s worth it

Education reform isn’t easy. Faculty and students are comfortable with the traditional lecture format. However, instances of active-learning course transformations, often led by physics faculty, are easy to find. An inspirational example from the Massachusetts Institute of Technology (MIT) shows the rewards for students, faculty, and the university. John Belcher, physics professor, tells the story. “At MIT,” he says, “introductory physics is required for all students, even business and linguistics majors.” The class had an infamously high failure rate and terrible attendance, which motivated a revolutionary change from traditional lecture format to technology-enabled active learning (TEAL).

TEAL is a blended approach of lecture and hands-on activities, says Belcher, who admits implementing TEAL was a varsity-level move. “It was a major, six-year effort,” he says. It succeeded because addressing the failure rate was a high priority for MIT leaders, who supported Belcher and his team while they “worked out the kinks.” Belcher had seen Student-Centered Active Learning Environment with Upside-Down Pedagogies (SCALE-UP) classrooms at North Carolina State University with technology and seating designed to support active learning. Substantial external and university funding was available to SCALE-UP a physics classroom. Belcher notes that being married to Lori Breslow also helped. She holds a Ph.D. in communication and culture and was director of the MIT Teaching and Learning Lab, which helped assess, develop, and demonstrate the value of TEAL. Now, after 13 years, failure rates are down, attendance is up, 800 students a year experience the TEAL approach to physics, and Beal has received national recognition for his work (bit.ly/1eV4L9d). Course materials are standardized, maximizing the time faculty have for interacting with students. Volunteer peer assistants who took the course themselves help guide students through the new format.

“When I just lectured to 200 or 300 students, it wasn’t fun, it was a performance,” says Belcher. “It’s a lot of fun to teach in an interactive classroom—and especially the younger faculty agree.” Not everyone has the time and resources to completely transform a course, though, so Frederick has a simple rule about introducing active learning: “Start simple. We suggest a ‘10% rule,’ meaning take small steps and work on a little bit of the class at a time. It’s just like experimental science. You don’t usually change all the variables at once.”

Chris Tachibana is a science writer based in Seattle, USA, and Copenhagen, Denmark.

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Faculty Positions

Candidates must have a Ph.D., M.D., or D.V.M., and relevant postdoctoral training with an exceptional record of research accomplishment, and the ability to develop a competitive, independently funded research program. Opportunities are available for shared mentorship of trainees, and integration with other campuses of The Jackson Laboratory. Faculty members benefit from exceptional postdoctoral and predoctoral training programs, and numerous JAX course and conference offerings.

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We are recruiting strong and innovative faculty whose research will complement ongoing programs and areas of focus, including:

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- Immunology and Infectious Diseases
- Neurobiology and Behavior
- Statistical and Systems Genetics

Applicants must apply online. Please submit a curriculum vitae and a concise statement of research interests as one document to www.jax.org/careers/faculty.html. In addition, please have three letters of reference sent to: facultyjobs@jax.org. Applicants will be reviewed on a continuing basis.

The Jackson Laboratory is an equal opportunity, affirmative employer, considering all qualified applicants and employees for hiring, placement and advancement, without regard to a person’s race, color, religion, national origin, age, genetic information, military status, gender, sexual orientation, gender identity or expression, disability or protected veteran status.
Tenure-Track Position Open in Biological Sciences

The Department of Biological Sciences at Rensselaer Polytechnic Institute in Troy, NY invites applications for a tenure-track faculty position at the rank of Assistant Professor. Applicants are expected to establish a vigorous and externally funded research program in any area of what we broadly refer to as Quantitative Biology. Individuals working in experimental and/or computational Quantitative Biology are encouraged to apply.

Candidates must have an outstanding record of scientific achievement in Quantitative Biology, demonstrated by publications in peer-reviewed journals. At minimum, applicants must hold a Ph.D. degree or foreign degree equivalent with postdoctoral experience in Quantitative Biology and will be expected to teach at both the undergraduate and graduate levels in biology, biochemistry, biophysics, bioinformatics or closely related disciplines. The successful applicant will be housed in the Center for Biotechnology and Interdisciplinary Studies (http://biotech.rpi.edu/), which boasts an impressive array of state-of-the-art core facilities (http://biotech.rpi.edu/facilities).

The Department of Biological Sciences at Rensselaer is highly interdisciplinary and the core of the life sciences at Rensselaer. We are a broad-based interactive community of faculty, students, and staff whose research interests encompass nearly every area of modern biology including macromolecular structure and function, computational biology and bioinformatics, biochemistry, bioenergetics, and biophysics, nanobiology and biotechnology, cell and developmental biology, genetics, neuroscience, microbiology, and host-pathogen interactions, microbial ecology and evolution, synthetic biology, and freshwater ecology. The Biological Sciences faculty have strong collaborations with colleagues within the Center for Biotechnology and Interdisciplinary Studies and other departments across campus. (http://science.rpi.edu/biology)

Rensselaer is committed to academic excellence and diversity within the faculty. The University is located in Troy, NY, in the Capital District hosting several Universities and Colleges and the State Government of New York.

Successful candidates will have duties that include teaching at the undergraduate and graduate level in the department, development and maintenance of robust programs of research and scholarship, as well as service to the department, the School of Science, and Rensselaer.

Applications must be sent as a single PDF document containing a cover letter, curriculum vitae, statement of research accomplishments and goals (~3 pages), and a one-page description of teaching interests and philosophy to biology-chair@rpi.edu. Applicants must also arrange for the submission of three letters of reference to biology-chair@rpi.edu.

Application review will begin on December 1, 2015 and continue until the position is filled. The appointment will begin August 2016.

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Applications will be reviewed until all positions are filled; for full consideration, apply by November 1, 2015 at http://calacademy.snaphire.com/jobdetails?jid=vNX98. Interviews will be held spring 2016, starting dates are negotiable.

Questions? Contact Dr. Meg Lowman (mlowman@calacademy.org), Chief of Science & Sustainability.

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Assistant Professor Position
Department of Molecular and Cellular Biology, Faculty of Arts & Sciences
Harvard University

We seek applications for two tenure-track faculty positions in the Department of Molecular and Cellular Biology. We are particularly interested in candidates who study the molecular mechanisms underlying fundamental questions in biology. The department offers an interactive research community with interests in a broad range of topics, including cell biology, developmental biology, neurobiology, genetics, systems biology, molecular evolution, biochemistry, and structural biology. The appointment provides access to state-of-the-art animal facilities and core facilities for imaging, proteomics, genomics and bioinformatics. The Department is also closely associated with science initiatives at Harvard such as the Center for Brain Science, the Center for Systems Biology, the Harvard Stem Cell Institute, the Broad Institute, and the Center for Nanoscale Systems, and provides opportunities for interactions with the broader Harvard community. We strongly encourage applications from women and minority candidates.

Doctorate or terminal degree in relevant field or related discipline required by the time the appointment begins. Applications should include: curriculum vitae, teaching statement (describing teaching approach and philosophy), a statement of present and future research plans (1-3 pages), three letters of recommendation, and reprints of publications. Complete applications, including letters of recommendation, should be received no later than November 1, 2015.

Submit applications to:
http://academicpositions.harvard.edu/postings/6373

For information contact Michelle Cicerano | mcicerano@mcb.harvard.edu

Harvard is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

HARVARD UNIVERSITY | DEPARTMENT OF
Molecular and Cellular Biology

FAS Center for Systems Biology Faculty Position
http://sysbio.harvard.edu/csb

The Center for Systems Biology in Harvard’s Faculty of Arts and Sciences seeks outstanding candidates for a tenure-track faculty position at the rank of assistant professor. The Center emphasizes quantitative approaches to fundamental problems in biology. It aims to foster interactions across disciplinary boundaries, housing faculty from a spectrum of academic departments in addition to the Bauer Fellows. Exceptional candidates in any area of quantitative biology will be considered, including those taking computational, theoretical, and/or experimental approaches. A doctorate in a relevant discipline is required by the time the appointment begins.

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

Applications should include: curriculum vitae, a statement of research (up to 5 pages, including a summary of previous research accomplishments), a teaching statement (describing teaching approach and philosophy), and PDFs of up to 3 publications. All files must be submitted electronically in PDF or Word format. Complete applications and three letters of recommendation, solicited by the applicant, should be received no later than November 15, 2015.

We are committed to building a diverse faculty. Applications from, or nominations of, women and minority candidates are strongly encouraged. Harvard is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

Submit applications to:
http://academicpositions.harvard.edu/postings/6366

For information contact Michelle Cicerano mcicerano@mcb.harvard.edu
Three Faculty Positions at The RNA Institute at University at Albany

RNA Environmental Biochemistry Faculty Position (open rank, tenured/tenure-track): Analytical biochemistry, molecular/cell and organismal biology are approaches to understand the functional impact on the epitranscriptome of environmental exposures to drugs, viral infection, and chemical insults. This New York State funded college-year appointment allows for supplementary summer salary from external research funding with choice of department affiliation in Biological Sciences or Chemistry in the College of Arts and Sciences, and Biomedical Sciences in the School of Public Health.

Full position description and to apply online:
https://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=43450

Research Faculty Positions (2): (junior positions with eligibility for permanent appointment (tenure)). These New York State funded, college-year appointments have no teaching obligations and allow for supplementary summer salary from external research funding. Voluntary teaching is encouraged at the graduate level. Successful individuals are expected to have their own independent externally funded research program. All areas of RNA science are considered, but especially:
- Whole organism, small animal disease model for studying RNA function as a target of drug intervention;

Full position description and to apply online:
https://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=52331

The successful candidates for these three positions will be expected to begin Fall 2016 to carry out the responsibilities of full-time faculty members in The RNA Institute (https://www.rna.albany.edu/) which has new state-of-the-art analytical biochemistry, structural molecular and cell biology laboratories and animal facilities housed in the Life Sciences Research Building (http://www.albany.edu/lifesciences). The Institute has eleven faculty hires in the past four years with an outstanding environment of more than 40 UAlbany and regional RNA research laboratories and some 20 other prominent investigators nationwide.

Successful candidates will be offered very competitive salaries, start-up packages including graduate student support, and research space consistent with rank. Applications must include a CV with publications, present and past grant funding, statements of research interests and experience in RNA science, and teaching, and a minimum of three letters of reference attesting to the candidate’s recent research accomplishments. In applying, candidates must address their ability to work with and instruct a culturally diverse population.

LOYOLA UNIVERSITY CHICAGO • STRITCH SCHOOL OF MEDICINE

Vice Dean for Research

The Stritch School of Medicine seeks a senior-level administrator and scholar to provide vision and leadership around the full depth and breath of the school’s research mission as it builds its extramural funding base and expands its reputation for scholarly excellence.

Internally, the position works closely with the Dean, Dean’s staff, department chairs, research institute directors and administrators, and the central administration of the University.

Externally, the position works closely with the leadership of SSOM’s affiliated hospitals and agencies; external academic, industrial, and community research partners; and the various funding, regulatory, and accrediting bodies of SSOM.

Loyola University Chicago offers exceptional, comprehensive benefits and excellent work-life balance. Loyola is an Equal Opportunity/Affirmative Action employer with a strong commitment to hiring for our mission and diversifying our faculty and staff.

QUALIFICATIONS
- MD, DO, MD/PhD, or PhD with experience in a wide spectrum of biomedical research
- National recognition as a scholar
- Extensive experience with federal funding agencies and regulatory compliance
- Experience with corporate-funded research, including both laboratory and clinical
- Experience with industry-University partnerships, intellectual property, and entrepreneurship is desirable
- Management experience in an academic environment
- Commitment to promoting a culture that nurtures diverse forms of inquiry and scholarship
- Demonstrated evidence of strong interpersonal and communications skills
- Experience in planning, implementing, and sustaining comprehensive research centers or programs is highly desirable
- Strong commitment towards cultural diversity and equal opportunity

APPLY • careers.LUC.edu/applicants/Central?quickFind=58082

The University at Albany is an EO/AA/IJCA/ADA Employer
The European Molecular Biology Laboratory is searching for 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.

EMBL Group Leader Opportunities

**NEUROBIOLOGY**

at EMBL Monterotondo, near Rome, Italy

EMBL Monterotondo benefits from close interactions with groups at EMBL Heidelberg in the Developmental Biology, Genome Biology, Cell Biology & Biophysics, and Structural and Computational Biology Units with whom it shares core facilities in high-throughput sequencing, advanced light and electron microscopy, small molecule screening, protein production, metabolomics, and mass spectroscopy. EMBL Monterotondo groups also have access to the research expertise and activities at the European Bioinformatics Institute (EMBL-EBI) in Hinxton, UK, and the structural biology expertise of both EMBL Hamburg and Grenoble.

EMBL is searching for a Group Leader to head up an independent research group in the EMBL Monterotondo Unit near Rome. We seek dynamic and interactive individuals having recently completed their post-doctoral training with an excellent scientific track record and demonstrated experience or interest in molecular neurobiology. We encourage applications from scientists working on diverse questions relating to nervous system structure, function, and plasticity that would benefit from the mouse as an experimental system and the use of modern genetic and genomic approaches.

Further information about the position can be obtained from the Head of Outstation, Philip Avner (philip.avner@embl.it).

Interviews are planned for 10 and 11 December 2015.

**STRUCTURAL BIOLOGY**

at EMBL Grenoble, France

The appointed Group Leader(s) will be ambitious structural biologists with an original multidisciplinary research programme oriented towards structure-function relationships of macromolecular complexes in eukaryotic systems. Current fields of interest at EMBL Grenoble include transcription, epigenetics, non-coding RNAs, RNA virus replication and host-pathogen interactions, but new areas, for instance, integrating structural and cell biology could be envisaged.

The Group Leader(s) will benefit from the world-class environment of the EMBL Grenoble Outstation within the Partnership for Structural Biology (www.psb-grenoble.fr) which gives access to integrated state-of-the-art structural biology technologies, including the ESRF synchrotron X-ray beamlines for MX and SAXS, neutron scattering at the ILL, cryo-EM (Polara with K2 direct detector) and high-field NMR as well as protein expression screening, insect cell facilities, biophysical platform, confocal microscopy and high-throughput crystallisation platforms for soluble and membrane proteins.

Applicants should have a PhD, at least 3 years post-doctoral experience and a strong record of achievement in structural, molecular or cell biology.

Further information about the positions can be obtained from the Head of Grenoble Outstation, Stephen Cusack (cusack@embl.fr).

Interviews are planned for 7, 8 and 9 December 2015.

**DEVELOPMENTAL BIOLOGY**

at EMBL Heidelberg, Germany

The Developmental Biology Unit studies the development of multicellular organisms. Research in the unit covers all levels, from the cellular to the whole organism, and is highly interdisciplinary, combining a wide range of approaches and innovative techniques, with special emphasis on quantitative and real-time imaging. Research in the unit is firmly embedded within the overall EMBL research environment, with extensive in-house collaborations and support from world-class services, including the gene core, transgenic, metabolomics and mass-spectrometry core facilities.

We are seeking outstanding candidates addressing fundamental principles of multicellular development across the entire spectrum of developmental biology. A focus on mechanistic studies using model organisms is desired; complementary simplified systems, such as organoid and stem cell systems, are welcome. Candidates with strong background and research using theoretical approaches are also encouraged to apply. There is the possibility to hire two group leaders in the present call.

Further information about the position can be obtained from the Head of Unit, Anne Ephrussi (anne.ephrussi@embl.de).

Interviews are planned for 30 November 2015 as well as for 1, 15, 16 and 17 December 2015.

**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 18 October 2015.

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

For more information please visit: www.embl.org
FACULTY POSITION IN CHEMISTRY
Department of Chemistry
MOLECULAR DESIGN INSTITUTE
ARTS AND SCIENCE

The Department of Chemistry at New York University (NYU) invites applications for a tenure-stream junior faculty position in experimental materials chemistry as part of its Molecular Design Institute. Candidates with a background and interest in polymer chemistry are encouraged to apply. The anticipated start date is September 1, 2016, pending budgetary and administrative approval.

The Department of Chemistry at NYU is implementing a significant growth plan, including the creation of the Biomedical Chemistry Institute, the Molecular Design Institute, the Laboratory for Molecular Nanoscience, and the addition of numerous senior and junior faculty members.

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

Application review will begin October 15, 2015. Questions about this position can be sent by Email to chemistry.search@nyu.edu.

NEW YORK UNIVERSITY
EOE/Minorities/Females/Vet/Disabled

Brown University
Molecular or Systems Toxicology/
Environmental Health Sciences
Assistant or Associate Professor
Department of Pathology and Laboratory Medicine

Applicants with outstanding research accomplishments are invited for a tenure-track Assistant Professor or tenured Associate Professor position in the Department of Pathology and Laboratory Medicine at the Warren Alpert Medical School of Brown University. Appointments at the senior level require a successful track record of peer-reviewed funding and a national reputation. Strong commitment to teaching, mentoring, and advising 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 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-renovated laboratory with modern core facilities for molecular pathology and histology, high content imaging, genomics and proteomics, flow cytometry, analytical chemistry, nanotechnology, and access to Human Tissue Banks. Opportunities for collaborative, interdisciplinary research include an NIEHS Superfund Research Program grant, the Institute of Molecular and Nanoscale Innovation (IMNI), and the Institute at Brown for Environment and Society (IBES). Participation as a mentor in an NIEHS T32 Training Program in Environmental Pathology and the Pathobiology Graduate Program is available.

Interested candidates can apply online at apply.interfolio.com/30658 and the following documents should be uploaded: curriculum vitae, names of five references (three for Assistant Professor applications), and a statement of research plans, career objectives, and teaching philosophy. Review of applications will begin on October 15, 2015 and will continue until the position is filled.

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

Immunology Faculty Positions

The Department of Pathology at Case Western Reserve University (CWRU) is recruiting new faculty to expand its vibrant immunology research portfolio. Applications are encouraged from candidates with research programs in any area of immunology, including the epigenetic regulation in lymphocytes, leukocyte function, innate and adaptive immunity, glycoimmunology, and other areas of immunology and host defense. The positions will be supported by substantial start-up packages and the opportunity to participate in the Immunology Training Program, an inter-institutional program centered in the Department of Pathology and includes the University Hospitals Division of Infectious Disease, CWRU Center for AIDS Research, CWRU Center for Global Health, the Cleveland Clinic Department of Immunology, and several others. The Pathology Department itself is ranked in the top 10 for NIH funding, and the annual research funding in immunology and infectious diseases exceeds $100M across CWRU and affiliates. CWRU is located in Cleveland Ohio, a central Midwestern hub for art, culture, and sports that boasts a low cost of living and outstanding schools.

Candidates at the Assistant Professor level should have a demonstrated record of success in multiple venues with substantial potential to obtain external funding. Candidates at the Associate or Full Professor levels should have robust and active research programs and demonstrable national or international reputations, respectively. Associate and Full Professor candidates should also have a history of mentorship and leadership.

Interested candidates should forward a cover letter, CV, statement of research interests and names of 3 referees in a single pdf file to immunologyfacultysearch@case.edu.

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply. Case Western Reserve University provides reasonable accommodations to applicants with disabilities. Applicants may contact the Office of Inclusion, Diversity and Equal Opportunity at 216-368-8877 to request an accommodation at any point in the application and hiring process; determinations will be made on a case-by-case basis.

BioFrontiers Institute
UNIVERSITY OF COLORADO

BioFrontiers Institute Tenure-Track Faculty Position

The BioFrontiers Institute at the University of Colorado at Boulder invites applications for a tenure-track faculty position. The ideal applicant will establish an innovative interdisciplinary research program that synergizes with the Institute’s core strengths in large datasets, networks and genomics, bioimaging from molecules to organisms, new therapeutic paradigms, and regenerative biology. Applicants in the area of chemical biology are particularly encouraged to apply.

BioFrontiers integrates faculty from ten departments to address significant problems in biology and medicine at the interface of the biological sciences with computer science, mathematics, physics, chemistry, and/or engineering (see http://BioFrontiers.colorado.edu/about). Faculty are expected to develop an internationally recognized research program combining these disciplines.

The tenure-track position is at the Assistant Professor level, although more senior candidates will also be considered. Candidates must have a Ph.D. and a demonstrated commitment to teaching at undergraduate and graduate levels. The successful candidate will hold the Marvin H. Caruthers Endowed Chair for Early Career Faculty for a period of four years.

Application materials are accepted electronically at http://www.jobsatcu.com/postings/106683. Review of applications will begin on November 1, 2015 and will continue until the position is filled. The University of Colorado Boulder conducts background checks for all final applicants.

As an Equal Opportunity/Affirmative Action Employer, the University of Colorado is committed to diversity and equality in education and employment and sensitive to the needs of dual-career couples.
Michigan State University invites applications for faculty positions in 
COMPUTATIONAL MODELING &
HIGH PERFORMANCE COMPUTING
in the 
Department of Computational Mathematics, Science and Engineering

The Department of Computational Mathematics, Science and Engineering (CMSE), a newly-created department at Michigan State University, invites applications from outstanding candidates for multiple tenure system open-rank faculty positions in the broad area of computational modeling and high performance computing. The anticipated start date is August 16, 2016.

Michigan State University is making a bold new effort by launching the CMSE department, recognizing that computational and data science is a fundamental area of research in the 21st century. The department seeks to create an interdisciplinary environment that fosters a new breed of algorithmists who will address emergent problems in science and engineering, setting the stage for computation to be on the same footing as experiment and theory in its role in scientific discovery.

In service to this goal, the Department of CMSE will be hiring 10 faculty in computational and data science over the next two years, with the goal of growing the department to roughly 30 faculty. This recruitment effort is one part of a major University initiative, which will hire more than 100 new distinguished and diverse faculty across science, engineering and biomedical disciplines to meet the recognized national and international grand challenges.

A significant area of research focus within CMSE will be on the synergy between algorithms for computational modeling and data science in physical, biological, and engineering applications. The majority of positions within CMSE will be jointly held with other departments on campus, with tenure home in CMSE. Furthermore, the new department has a mandate to develop an innovative curriculum at both the graduate and undergraduate levels that expands upon the role of algorithm development, massively parallel and heterogeneous computing, and the use of computational tools in problem solving.

The department is looking to fill application-oriented algorithm development faculty positions; specifically, the department is looking for algorithmists (fundamental and applied) in areas listed below. While exceptional candidates from all areas of computational modeling and high performance computing will be considered, particular attention will be given to:

Algorithm development: numerical linear algebra, inverse methods, uncertainty quantification, multiscale methods, and algorithms pertaining to massively parallel and heterogeneous computational platforms.

Applications: Broad application areas include biology, materials science, and accelerator technology, with a specific interest in researchers who can make connections with MSU’s areas of experimental expertise. Examples include:
- Biology: neuroscience, tissue modeling, image processing
- Material science: energy materials design, materials discovery/characterization, additive manufacturing
- Accelerator technology: compact accelerator design, accelerator component design

Faculty in CMSE are expected to develop a world-leading research program, mentor graduate students, and participate in the development and implementation of the new computational and data science curriculum.

Online application is required via MSU’s online job application website https://jobs.msu.edu/posting/1911. Applications should include a cover letter, CV, statement of research plans, and a one-page teaching statement, all in a single PDF file. In addition, four letters of recommendation should be submitted electronically through this application system. Applications received by Oct. 15, 2015 will receive full consideration, but the search will continue until the positions are filled. Questions regarding the position may be directed to Prof. Bill Punch, Chair of the Search Committee (punch@cse.msu.edu).

MSU is an affirmative action, equal opportunity employer and is committed to achieving excellence through cultural diversity.

Michigan State University has been advancing knowledge for more than 160 years. A member of the Association of American Universities, MSU is a research-intensive institution with 17 degree-granting colleges.

The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. Job applicants are considered for employment opportunities and employees are treated without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status.
Faculty Positions in Basic and Translational Cancer Research

The UNC Lineberger Comprehensive Cancer Center, in collaboration with departments in the School of Medicine and across the entire University of North Carolina at Chapel Hill, seeks outstanding candidates for faculty positions at all levels and at all ranks in basic and translational cancer research with a special interest in a senior cancer researcher. This broad-based recruitment seeks outstanding scientists in a number of areas, including but not limited to: animal models, signal transduction, computational and systems biology, cancer genetics, virology, drug development and target validation, epigenetics and gene expression, DNA damage and repair, cancer therapy, cancer immunology, inflammation and cancer, and stem cells. Applicants should have a strong record of recent accomplishments as a post-doctoral fellow or sustained productivity as an established faculty member. Appointment and rank in an academic department will be determined by the applicant’s qualifications. Applications will be reviewed beginning December 1, 2015 and until the positions are filled.

Educational Requirements: Doctoral Degree

Qualifications and Experience: Doctoral Degree and 2-3 years of postdoctoral research experience.

Apply online at http://unc.peopleadmin.com/postings/82982 and provide curriculum vitae, a list of four references, and Research Statement.

The University of North Carolina at Chapel Hill is an Equal Opportunity Employer. Women and minorities are strongly encouraged to apply and self-identify on their application.

University of Michigan

Tenure Track Assistant Professor
University of Michigan, Biophysics, Ann Arbor, MI

Biophysics at the University of Michigan anticipates that a tenure track Assistant Professorship with a university year appointment, will be available starting September 2016. An appointment at a higher rank may be considered for candidates with an exceptional record of productivity. We are considering applications in all areas of biophysics, especially those areas focused on problems of biological significance that use and develop modern biophysical methodologies. We are primarily interested in quantitative experimental or theoretical work across all length scales. Highly interdisciplinary work that bridges disciplines is strongly encouraged and joint appointments with other departments are possible. Information about our research areas can be found at http://www.lsa.umich.edu/biophysics/.

Candidates are required to have a doctoral degree in biophysics or a related field such as chemistry, biological chemistry, physics, etc. The successful candidate is expected to establish an independent research program and to contribute effectively to the Department’s undergraduate and graduate teaching programs. Applicants should submit a curriculum vitae, a brief statement of present and future research plans, a statement of teaching philosophy and experience, at least three letters of recommendation, and evidence of teaching experience, if any. The deadline for applications is October 1, 2015. A link to the application can be found at http://www.lsa.umich.edu/biophysics/. If you should have any questions, please feel free send an email to biop.search.committee@umich.edu or call (734) 764-1146.

Women and 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.

Multiple Tenure-track and Tenure-eligible Faculty Positions

Department of Physiology and Pharmacology at the University of Toledo College of Medicine and Life Sciences

The Department of Physiology and Pharmacology at the University of Toledo College of Medicine and Life Sciences (UTCOM), under new leadership, is poised for significant growth and expansion of its current research portfolio. Applications are hereby solicited for multiple faculty positions. Candidates will be considered for all ranks from Assistant Professor to Full Professor. Candidates should have a Ph.D. and/or M.D. degree and preferably extramural research funding from the NIH or NSF. In the interest of expanding the scope of research within the Department, we welcome a variety of research topics that are not limited to but complement and grow the current funded research strengths within the Department. These may include any research themes in molecular medicine related to cardiovascular, metabolic and renal diseases. Additional information about the Department can be found at the following website: https://www.utoledo.edu/med/depts/physpharm/index.html. The Department has a Molecular Physiology Core facility with state-of-the-art equipment for physiological studies. Faculty also have access to a variety of shared cores for advanced imaging and ‘omic’ studies. Successful candidates will receive competitive salaries, start-up packages and newly renovated laboratory space. Besides excellent research incentive policies and retirement options, the University offers tuition subsidies for graduate students and competitive per diem rates for housing and conducting experimental model organism research. The city of Toledo is within the Northwest Ohio region, which has very reasonable housing and living costs and excellent school districts.

Applicants should submit curriculum vitae, names of three referees and a statement of research interest to https://jobs.utoledo.edu. Applications will be considered until the positions are filled.

The University of Toledo is an equal access, equal opportunity, affirmative action employer and educator.

FACULTY POSITIONS

MGH 1911

Department of Genetics
Department of Biological Chemistry and Molecular Pharmacology
Harvard Medical School

The Department of Molecular Biology at the Massachusetts General Hospital (MGH) and its colleagues at Harvard Medical School (HMS) invite applications for a joint tenure-track appointment at the level of Assistant or Associate Professor. The successful candidate will conduct research in the broadly defined areas of chemical biology, metabolic biochemistry, or other fields that would synergize with the current faculty’s research. The recruit’s laboratory would be located in the Department of Molecular Biology at MGH (http://molbio.mgh.harvard.edu), a major research center in Boston and a teaching affiliate of HMS. The recruit’s academic appointment would be in the HMS Department of Genetics or the Department of Biological Chemistry and Molecular Pharmacology. The following HMS faculty members have labs in the MGH Department of Molecular Biology:

Frederick Ausubel Joshua Kaplan Marjorie Oettinger
Joseph Avruch Robert Kingston, Chair Gary Ruvkun
Michael Blower Jeannie Lee Jen Sheen
Konrad Hochmedinger Vamsi Mootha Radhika Subramanian
Deborah Hung

Applicants should apply via electronic submission by 5pm on October 31, 2015 at: http://molbio.mgh.harvard.edu/facultysearch/

Please submit a CV, statement of research plans, up to three relevant publications, and contact information for three references.

Harvard University and the Massachusetts General Hospital are Equal Opportunity/Affirmative Action Employers. Applications from women and minorities are encouraged.
In service to this goal, the Department of CMSE will be hiring 10 faculty in computational and data science over the next two years, with the goal of growing the department to roughly 30 faculty.

This recruitment effort is one part of a major University initiative, which will hire more than 100 new distinguished and diverse faculty across science, engineering and biomedical disciplines to meet the recognized national and international grand challenges.

A significant area of research focus within CMSE will be on the synergy between algorithms for computational modeling and data science in physical, biological, and engineering applications. The majority of positions within CMSE will be jointly held with other departments on campus, with tenure home in CMSE. Furthermore, the new department has a mandate to develop an innovative curriculum at both the graduate and undergraduate levels that expands upon the role of algorithm development, massively parallel and heterogeneous computing, and the use of computational tools in problem solving.

The department is looking to fill application-oriented algorithm development faculty positions; specifically, the department is looking for algorithmists (fundamental and applied) in areas listed here.

While exceptional candidates from all areas of data science will be considered, particular attention will be given to:

Algorithm development: Applied harmonic analysis, topology of big data, optimization, approximate Bayesian computations, statistical learning and inference as well as distributed and parallel algorithms in data science.

Applications: Broad application areas include biology and materials science, with a specific interest in researchers who can make connections with MSU’s areas of experimental expertise. Some examples include:

- Biology: Neuroscience, informatics, bioinformatics, systems biology, genomics, proteomics, metabolomics, phenomics
- Material science: Materials characterization, materials design, data-driven scale-bridging modeling in materials

Faculty in CMSE are expected to develop a world-leading research program, mentor graduate students, and participate in the development and implementation of the new computational and data science curriculum.

Online application is required via MSU’s online job application website https://jobs.msu.edu posting #1915. Applications should include a cover letter, CV, statement of research plans, and a one-page teaching statement, all in a single PDF file. In addition, four letters of recommendation should be submitted electronically through this application system. Applications received by Oct. 15, 2015 will receive full consideration, but the search will continue until the positions are filled. Questions regarding the position may be directed to Prof. Jianliang Qian, Chair of the Search Committee (qian@math.msu.edu).

MSU is an affirmative action, equal opportunity employer and is committed to achieving excellence through cultural diversity.

Michigan State University has been advancing knowledge for more than 160 years. A member of the Association of American Universities, MSU is a research-intensive institution with 17 degree-granting colleges.

The University actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities. Job applicants are considered for employment opportunities and employees are treated without regard to their race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status.
UNIVERSITY OF MICHIGAN FACULTY POSITIONS IN MOLECULAR, CELLULAR AND DEVELOPMENTAL BIOLOGY

The Department of Molecular, Cellular, and Developmental Biology (MCDB) 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. We seek to fill two open positions: One in neuroscience broadly defined, and one in any area of research within the scope of the Department, which includes studies of model organisms (animals, microbes, and plants) using diverse approaches (biochemistry and structural biology, cell and developmental biology, genetics and genomics, molecular biology, and physiology). For the neuroscience position, we encourage applications from scientists who use cellular, genetic, molecular, and/or imaging approaches. The faculty positions will be tenure track or tenured with a university year appointment starting September 1, 2016 or January 1, 2017. Successful candidates will be expected to establish a vigorous, extramurally funded research program and to be involved with instruction of both undergraduate and graduate students. For further information about research areas in MCDB, please visit www.lsa.umich.edu/mcdb.

All applications must be submitted on-line at http://labs.mcdb.lsa.umich.edu/search15. 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 philosophy and experience, and evidence of teaching excellence for those who have teaching experience. Candidates for appointment at the assistant professor level 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 10, 2015.

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.

As part of a major new initiative in Quantitative Systems Biology of Mammals, the Lewis-Sigler Institute for Integrative Genomics at Princeton University is currently undertaking a search for faculty members at all academic ranks. The initiative will involve multiple faculty hires over the next few years. We are particularly interested in two types of candidates: (i) Outstanding mammalian biologists with a track record of innovative application of ‘omics’ approaches or genome manipulation methods, who have the ability and desire to collaborate with the more quantitative faculty of the Institute to develop paradigm-shifting advances, and (ii) Outstanding chemists, physicists, and computer scientists with a track record of some research of biological relevance (although perhaps no experience with mammalian systems per se) who have the ability and desire to apply their quantitative skills to transform our understanding of key mammalian processes. We will also give serious consideration to exceptional candidates who apply modern methods of analysis to non-mammalian processes of interest to the Institute. Faculty positions will be joint with one of the following academic departments at Princeton: Physics, Chemistry, Molecular Biology, Ecology and Evolutionary Biology, Chemical and Biological Engineering, or Computer Science. These joint faculty positions offer significant benefits in terms of infrastructure, research funds, and collaborative opportunities, as well as an opportunity to interact with unusually able and interdisciplinary students.

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=67298. You will be asked to upload the following materials: A cover letter, curriculum vitae, a concise 1-2 page research vision statement, and as contact information for three references. Applications will be reviewed beginning on November 1, 2015.

Princeton University is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law. This position is subject to the University’s background check policy.

FACULTY POSITIONS AT THE ROCKEFELLER UNIVERSITY

The Rockefeller University seeks exceptional, interactive, and creative scientists to join its faculty. We invite applications from outstanding candidates for tenure-track positions.

The University has a laboratory-based organizational structure that fosters interdisciplinary research. We encourage applications in the following areas:

- Chemical & Structural Biology
- Genetics & Genomics
- Immunology, Virology & Microbiology
- Medical Sciences, Systems Physiology & Human Genetics
- Molecular & Cell Biology
- Neurosciences & Behavior
- Organismal Biology & Evolution
- Physical, Mathematical & Computational Biology
- Stem Cells, Development, Regeneration & Aging

Details about specific subjects of research can be found at: http://www.rockefeller.edu/facultysearch.

The Rockefeller University provides strong support for the research work of its faculty. The positions offer competitive salary, benefits and start-up funds, renovated laboratory space, access to state-of-the-art core facilities and extensive opportunities for collaboration both within the University and with neighboring institutions.

Applications are being accepted electronically through our Online Application System at http://oas.rockefeller.edu. Applicants should follow the online application procedure.

The deadline for application submission is October 9, 2015.

If you have questions regarding submitting an application, please contact our Administrator at facultysearch@rockefeller.edu.

The Rockefeller University is an Equal Opportunity Employer - Minorities/Women/Disabled/Veterans.
Chair of the Department of Biochemistry and Biophysics

The Perelman School of Medicine at the University of Pennsylvania invites applications for the position of Chair of the Department of Biochemistry and Biophysics. Founded in 1765, the School of Medicine is the oldest and one of the finest medical schools in the United States, and prides itself on leadership in biomedical research, medical education and patient care. Today there are 10 basic science and 18 clinical departments in the School. The Department of Biochemistry and Biophysics can be traced back to the founding of the University of Pennsylvania’s College of Medicine in 1765, the oldest in the United States. The Department’s endowed chairs include John Morgan (co-founder of the college) and the illustrious Founding Father, Benjamin Rush –both members of the first collegiate faculty in chemistry, anatomy, surgery and medicine pursuing and teaching on “the theory and practice of physick”.

The mission of the Department of Biochemistry and Biophysics at Penn Medicine is to promote and execute the highest quality research and education in the areas of biochemistry, biophysics and quantitative biology. Faculty research and medical and graduate education contribute first-principles chemical and physical understanding of biology. The Eldridge Reeves Johnson Research Foundation within the Department offers access to and instruction in advanced physical instrumentation and techniques. The Department is well known for bringing innovative approaches, theory and practice, quantum to cellular, to the challenge of understanding molecular mechanisms and functions to enhance knowledge and ultimately improve health.

The Biochemistry and Biophysics Department provides the academic home for a highly accomplished and interactive group of investigators whose research spans many domains. Research in the department includes dissecting the physical and chemical properties of proteins and cells and harnessing this knowledge for improved therapeutics and technology. The faculty study many areas of metabolism, gene expression and macromolecular structure. Faculty within the Department interact closely with a broad community of like-minded researchers in a variety of other departments within the Perelman School of Medicine and other Schools within the University of Pennsylvania. The Perelman School of Medicine, one of the top ranked medical schools in the nation for research and NIH funding, is a highly collaborative environment with strong core facilities. It is located on the campus of the University of Pennsylvania, a world class institution located near the center of Philadelphia.

The Department is also home to the Biochemistry and Molecular Biophysics (BMB) Graduate Group with members drawn from Departments throughout the Medical School and Hospital, the adjoining Children’s Hospital of Philadelphia, as well as the Schools of Arts and Sciences and Engineering and Applied Sciences.

The Chair will provide vision and leadership for the Department. Applicants must have a PhD and/or MD, and a distinguished national/international record of Biochemistry and Biophysics research. Candidates should possess dynamic leadership skills, administrative expertise, and a demonstrated commitment to and record of education and mentorship of students, fellows and faculty. The applicant must have skills suitable to foster strong collaborations among investigators within the Department as well as the larger Biochemistry and Biophysics research community on campus, and to promote outreach to clinical disciplines. The candidate should express a clear vision of the future of Biochemistry and Biophysics, and the role of a basic science department that is part of a renowned academic medical center. The candidate must be qualified for appointment as Full Professor in the Tenure Track of the standing faculty in the Department of Biochemistry and Biophysics in the Perelman School of Medicine.

All interested applicants are invited to submit their curriculum vitae and letter of interest to the attention of J. Kevin Foskett, PhD, Chair, Biochemistry and Biophysics Chair Search Committee, c/o Margaret M. Lizotte, Search Committee Liaison, lizotte@exchange.upenn.edu. Applicants may apply for this position online at: https://www.med.upenn.edu/apps/faculty_ad/index.php/d4060

We seek candidates who embrace and reflect diversity in the broadest sense. The University of Pennsylvania is an EOE. Minorities/Women/Individuals with disabilities/Protected Veterans are encouraged to apply.
Duke University Medical Center

FACULTY POSITIONS IN THE FIELD OF REGENERATIVE BIOLOGY AND MEDICINE
Regeneration Next Discovery Initiative
Department of Cell Biology

The Regeneration Next Discovery Initiative (RNDI) is a new venture to advance discovery research and education in the broad field of tissue regeneration, and to enable translational applications for regenerative medicine. RNDI is partnering with basic and clinical Departments throughout Duke University to hire multiple new faculty members at ranks of Assistant, Associate, or Full Professor. We invite applications from accomplished scientists with expertise in developmental and cell biology, quantitative biology, imaging, stem cell biology, mechanisms of tissue regeneration, or tissue engineering.

One of the hires from this current Search will target an early- or mid-career candidate with a strong record of creativity and productivity in development and/or regenerative biology. This tenure-track appointment will be in the Department of Cell Biology, Duke University School of Medicine. Candidates must have a Ph.D., M.D., or equivalent degree. Qualified minority candidates are especially encouraged to apply.

Applicants should submit a curriculum vitae, a 3-page total summary of accomplishments and research plans, a teaching statement, and at least 3 letters of recommendation by November 15, 2015 to AcademicJobsOnline. org (https://academicjobsonline.org/ajo/jobs/6091). Questions may be directed to: Ken Poss, Department of Cell Biology, Director, RNDI (regenerativebiology@duke.edu)

Duke University is an Affirmative Action/Equal Opportunity Employer committed to providing employment opportunity without regard to an individual’s age, color, disability, genetic information, gender, gender identity, national origin, race, religion, sexual orientation, or veteran status.

CELL/MOLECULAR BIOLOGIST
Assistant Professor
Department of Biology

We invite applications for a full-time, tenure-track probationary appointment at the Assistant Professor level in the area of Cell/Molecular Biology. To complement ongoing research in the department, we are particularly interested in a colleague who investigates significant lines of research in such sub-disciplines as cell signaling, development, or neurobiology as evidenced by prior research, and who utilizes a well established eukaryotic model organism (such as Arabidopsis, C. elegans, Drosophila, zebrafish and mouse). We seek a colleague who will establish and maintain a vigorous, externally-funded research program in the area of cell/molecular biology, is committed to excellence in teaching at the undergraduate through graduate levels at a minority majority institution, whose research complements existing research in a broadly based biology department, and who has a demonstrated commitment to diversity, equity, inclusion, student success, and working with broadly diverse communities.

Applications must have a Ph.D. in Biology or a related discipline, and relevant postdoctoral experience at the time of application. For complete job requirements see Assistant Professor, Cell Molecular Biologist at https://unmjobs.unm.edu. Posting #0831864.

Applicants must submit a cover letter, curriculum vitae, three representative reprints, and statements of current and future research and teaching interests. All application materials must be uploaded and submitted through UNMjobs, https://unmjobs.unm.edu. Applicants must also arrange for at least three letters of reference to be sent directly to LSEASTT@unm.edu. For best consideration, application materials must be received by November 18, 2015. Questions related to this posting may be directed to Dr. Richard Cripps, rcripps@unm.edu.

The University of New Mexico is an Equal Opportunity/Affirmative Action Employer and Educator. Women and underrepresented minorities are encouraged to apply.

COLUMBIA UNIVERSITY
Department of Microbiology & Immunology

Faculty Positions in Immunology and Host-Pathogen Interactions

The Department of Microbiology & Immunology at Columbia University, College of Physicians & Surgeons, is seeking to increase the representation of research in immunology and host-pathogen interactions.

We are therefore seeking outstanding candidates who are pursuing fundamental problems at the molecular, cellular and organisinal levels in all areas of immunology and immune responses to commensal and pathogenic microbes. The positions can be filled at any rank from tenure-eligible assistant professors to full professor with tenure. Candidates are expected to maintain or develop an independent research program and participate in departmental teaching.

Competitive recruitment packages, including housing assistance will be provided. For further information about the Department and Columbia University Medical Center, please visit our website at http://www.microbiology.columbia.edu.

Please submit a current curriculum vitae, a 2–3 page summary of present and future research interests, and three letters of recommendation. Please visit our online application site at: https://academicjobs.columbia.edu/applicants/Central?quickFind =61344 for further information about this posting, and to submit your application.

All materials should be received no later than Oct 31, 2015. Review of applications will begin immediately and continue until the positions are filled.
The College of Agriculture at Purdue University, West Lafayette, Indiana, invites applications from outstanding basic scientists for eight academic year tenure-track assistant professor positions that will comprise a college-wide cluster hire in fundamental plant biology. Candidates utilizing modern methods to address important questions in plant biology including but not limited to genomics and molecular genetics, computational modeling, biosensor/imaging, synthetic biology and metabolism are all encouraged to apply. We are interested in individuals working on molecular, organismal or ecosystem levels, and in model systems, crops, or natural systems.

We envision that the majority of candidates will be considered for positions in the Department of Botany and Plant Pathology and the Department of Biochemistry. Positions are also available in the Department of Agronomy, the Department of Entomology, the Department of Forestry and Natural Resources, and the Department of Horticulture and Landscape Architecture for individuals conducting basic plant science research but with an interest in application of their research in more applied contexts.

Each successful candidate will be expected to develop an internationally recognized research program, interact with diverse faculty, staff and students across campus, and contribute to the further development of plant science as an area of excellence on the Purdue University campus. Each such candidate will also teach graduate and/or undergraduate courses, and function as an active member of the departmental and university faculty. Purdue University is a large and vibrant life science community. Our faculty spans disciplines that include biological sciences, physical and computational sciences, agriculture and engineering. Faculty also participate in interdisciplinary graduate programs with focus areas in plant biology, cancer biology, neuroscience, biophysics, gene regulation and bioinformatics.

This hiring initiative is part of the Plant Sciences Research and Education Pipeline, through which are being developed facilities for genome editing, high-throughput controlled environment imaging and field-scale phenotyping, and a plant commercialization incubator. Core facilities for genomics, bioinformatics, microscopy, metabolomics, NMR, X-ray crystallography, flow cytometry and proteomics are available. Substantial resources for field-based research are also available near campus and throughout the state.

Purdue University’s College of Agriculture is one of the world’s leading colleges of agricultural, food, life, and natural-resource sciences and is ranked number 5 globally in the 2015 QS World University Rankings. The College is deeply committed to the three land-grant missions (teaching, research, and extension), to international activities and perspectives that span all missions, and to supporting a diverse and inclusive environment. Purdue is an ADVANCE institution – www.purdue.edu/dp/advance. The College has 11 academic departments and includes 330 faculty, 2,710 undergraduate students, and 685 graduate students. The College’s strategic plan can be accessed at https://www2.ag.purdue.edu/Pages/strategicplan.aspx.

Applicants should have a Ph.D. in life, computational, or physical sciences, preferably with at least two years of post-doctoral experience or its equivalent, a strong publication record, the potential to develop a vigorous, extramurally funded research program, and a commitment to both hypothesis-driven research and teaching excellence. Applications should be submitted electronically to molecularag@purdue.edu and should include in a single pdf file a cover letter, curriculum vitae, two page summary of research interests, a one-page teaching statement, and the names and contact information for three references. Applicants may learn more about the departments involved in this search at https://ag.purdue.edu/plantsciences/pages/molecularag.aspx and indicate in their application up to two departments of greatest interest. Screening of applications will begin October 15, 2015, and will continue until the positions are filled. A background check is required for employment in these positions.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and protected veterans are encouraged to apply.
Assistant Professor of Cell Biology and Neuroscience
The Department of Cell Biology and Neuroscience at Rutgers, The State University of New Jersey, Piscataway, invites applications for a tenure-track position at the Assistant Professor level. We seek researchers who will advance the understanding of neurological disorders and neuronal degeneration through mechanisms of RNA metabolism or translational regulation.

The Department is located on the Rutgers Busch Campus and is part of the Division of Life Sciences, a group of Departments and Institutes that serves to provide opportunities for interdisciplinary research. Current collaborations within the Division range from biomaterials and nanotechnology, RNA biology and neurosciences, to human genetics and stem cells. The campus is located near the Rutgers Robert Wood Johnson Medical School and is less than one hour drive from New York City and Philadelphia. Rutgers offers excellent facilities and competitive start-up packages.

Applicants must have a Ph.D. in cell biology, neuroscience or a related discipline and/or M.D. with a minimum of four years postdoctoral experience. The successful candidate will be expected to teach courses at the undergraduate and graduate levels in the field of cell biology or neuroscience and to establish an independent research program supported by external funding. Interested individuals are encouraged to apply online through the departmental website (http://cbn.rutgers.edu) with a curriculum vitae, a brief statement of research plans, and the names, addresses, and contact information of three individuals who will provide a letter of reference. Applications should be submitted as soon as possible but not later than December 1, 2015. Late applications will be considered only if positions remain available.

Rutgers University is an Equal Opportunity/Affirmative Action Employer.

Tenure Track Faculty Position
Georgia Institute of Technology
School of Chemistry and Biochemistry
Atlanta, GA 30332-0400

THE GEORGIA INSTITUTE OF TECHNOLOGY, SCHOOL OF CHEMISTRY AND BIOCHEMISTRY seeks to fill a tenure-track faculty position in the development of any aspect of chemistry or biochemistry related to feedstocks from renewable and sustainable sources. Research areas of interest include, but are not limited to, functional biomaterials, catalysis, energy harvesting and storage, efficient syntheses and processes, and plant bioengineering and synthetic biology. Opportunities for significant interaction with and support from the Renewable Bioproducts Institute at Georgia Tech (www.bioproducts.gatech.edu) will be available. Candidates with interdisciplinary research programs may be considered for joint appointments with other campus units.

Exceptional candidates at all levels are encouraged to apply. Assistant Professor candidates should submit a cover letter, curriculum vitae, description of research plans, description of teaching interests and philosophy, and arrange for the submission of three letters of recommendation. Candidates at advanced levels should submit a cover letter, curriculum vitae, and the names and contact information of three references. All materials and requests for information should be submitted electronically, as per the instructions found at: https://academicjobsonline.org/ajo/jobs/6003

The application deadline is October 15, 2015, with application review continuing until the position is filled.

Georgia Tech is an Equal Education/Employment Opportunity Institution.

FACULTY POSITION IN CHEMISTRY
Department of Chemistry
LABORATORY FOR MOLECULAR NANOSCIENCE
ARTS AND SCIENCE

The Department of Chemistry at New York University (NYU) invites applications for a tenure-stream faculty position in experimental physical or biophysical chemistry as part of its Laboratory for Molecular Nanoscience. We expect to hire at the junior level, although exceptional senior level candidates will be considered. The anticipated start date is September 1, 2016, pending budgetary and administrative approval.

The Department of Chemistry at NYU is implementing a significant growth plan, including the creation of the Biomedical Chemistry Institute, the Molecular Design Institute, and the addition of numerous senior and junior faculty members.

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

Application review will begin October 15, 2015. Questions about this position can be sent by Email to chemistry.search@nyu.edu.

TENURE-TRACK PROFESSOR
Harvard University
Faculty of Arts and Sciences
Cambridge, MA

Department of Chemistry & Chemical Biology

Position Description: The Department of Chemistry & Chemical Biology seeks to appoint a tenure-track assistant professor in the open field of chemistry and chemical biology. The appointment is expected to begin on July 1, 2016. The tenure-track professor will be responsible for teaching at the undergraduate and graduate levels.

Basic Qualifications: Doctorate or terminal degree in chemistry or related discipline required by the time the appointment begins.

Additional Qualifications: Demonstrated excellence in teaching is desired.

Special Instructions: Please submit the following materials through the ARIS portal (http://academicpositions.harvard.edu/postings/6320). Applications must be submitted no later than October 15, 2015.
1. Cover letter
2. Curriculum Vitae
3. Teaching statement (describing teaching approach and philosophy)
4. Outline of future research plans
5. Names and contact information of 3-5 references (three letters of recommendation are required, and the application is complete only when all three letters have been submitted)
6. List of publications

Contact Information: Helen Schwickrath, Search Administrator, Department of Chemistry & Chemical Biology, Faculty of Arts and Sciences, Harvard University, 12 Oxford St., Cambridge, MA 02138. Phone: (617) 496-8190; Helen@chemistry.harvard.edu

Harvard is an Equal Opportunity Employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.
Faculty Position in Genetics

The Department of Genetics in the School of Arts and Sciences at Rutgers, The State University of New Jersey seeks an outstanding scientist to fill one of several new faculty positions in genetics. Appointment will be made at the Assistant Professor level. We are interested in individuals with research interests that will complement and expand our existing strengths, which include, but are not limited to: human genetics, developmental genetics, reproductive genetics, cellular genetics, population genetics, microbial genetics, epigenetics, cancer genetics, neurogenetics, and neuropsychiatric genetics. Appropriate candidates will also be considered for appointment to the Human Genetics Institute of New Jersey. Core resources, startup funds, and laboratory space in the newly constructed Life Sciences Building will be provided.

The Department of Genetics is home to over 30 faculty members who use a broad range of approaches and experimental systems in numerous well-funded research programs. The department is part of a vibrant and interactive life sciences community that includes over 200 faculty members in the Departments of Molecular Biology and Biochemistry, Cell Biology and Neuroscience, and the Robert Wood Johnson Medical School. A leading research university, Rutgers is a member of the AAU and the CIC and attracted over $517M in research grant and contract funding in FY2014. The New Brunswick/Piscataway campus is located in suburban central New Jersey, close to New York City, Philadelphia, beaches, and countryside. For more information on the Department, our other ongoing searches, and Rutgers University see: http://genetics.rutgers.edu/faculty/faculty-recruitment.

Applications should be submitted electronically at http://apply.interfolio.com/30830 and inquiries made to Ms. Mary Carmona, carmona@dls.rutgers.edu.

Faculty Position in Computational Genetics

The Department of Genetics in the School of Arts and Sciences at Rutgers, The State University of New Jersey seeks an outstanding scientist to complement the existing faculty in computational genetics, moving our program into exciting new areas and expanding our existing strengths. Tenure- track or tenured appointment will be made at the Assistant, Associate, or Full Professor level, with a preference for a junior appointment. Areas of interest include, but are not limited to, population or evolutionary genetics, bioinformatics, statistical genetics, computational genomics, and analysis of complex genetic diseases. Experienced faculty with appropriate experience will be considered for a leadership role within our Computational Genetics Group. Department of Genetics faculty may also join the Human Genetics Institute of New Jersey. Core resources and generous startup funds will be provided. Research space, including wet lab if needed, will be provided in the newly constructed Life Sciences Building.

The Department of Genetics is home to over 30 faculty members with diverse interests and numerous well-funded research programs, hosts one of the oldest undergraduate majors in Genetics in the country, and is part of a vibrant life sciences and computational community. Our computational group collaborates with other Department of Genetics faculty and Rutgers scientists within the Division of Life Sciences, the Departments of Computer Science and Statistics, the Waksman Institute, the Center for Advanced Biotechnology and Medicine, the Robert Wood Johnson Medical School, the Institute for Quantitative Biomedicine @ Rutgers, the Center for Discrete Mathematics and Theoretical Computer Science (DIMACS), the Center for Human Evolutionary Studies, and the Cancer Institute of New Jersey. A leading research university, Rutgers is a member of the AAU and the CIC and attracted over $517M in research grant and contract funding in FY2014. The New Brunswick/Piscataway campus is located in suburban central New Jersey, close to New York City, Philadelphia, beaches, and countryside. For more information on the Department, our other ongoing searches, and Rutgers University see: http://genetics.rutgers.edu/faculty/faculty-recruitment.

Applications should be submitted electronically at http://apply.interfolio.com/30829 and inquiries made to Ms. Mary Carmona, carmona@dls.rutgers.edu.

For both positions listed above, candidates must have a Ph.D. and/or M.D., demonstrated record of significant research, the potential to make substantial contributions as an independent investigator, and have a commitment to teaching undergraduate and graduate students. Applicants should submit a CV, a detailed statement of research interests, a teaching statement, and full contact information for three individuals willing to provide letters of reference. Review of applications will begin October 15, 2015 and continue until the position is filled.

Rutgers, the State University of New Jersey, is an Equal Opportunity / Affirmative Action Employer. Qualified applicants will be considered for employment without regard to race, creed, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability status, genetic information, protected veteran status, military service or any other category protected by law. As an institution, we value diversity of background and opinion, and prohibit discrimination or harassment on the basis of any legally protected class in the areas of hiring, recruitment, promotion, transfer, demotion, training, compensation, pay, fringe benefits, layoff, termination or any other terms and conditions of employment.
Assistant Professor Position
Molecular/Biochemical Neuroscience

The Department of Biochemistry and Cellular and Molecular Biology at the University of Tennessee, Knoxville invites applications for a tenure-track faculty position at the rank of Assistant Professor in the area of molecular/biochemical neuroscience. We seek outstanding applicants investigating the molecular mechanisms that underpin brain and nervous system function. The successful candidate will be expected to conduct research and instructional expertise that complement existing and emerging strengths in the department (see http://bcmb.utk.edu/ for details). We anticipate that the candidate will interact with the NeuroNET Research Center (http://neuronet.utk.edu/), National Institute for Mathematical and Biological Synthesis (http://www.nimbius.org/), UT Medical Center (http://www.utmedicalcenter.org/) and Oak Ridge National Laboratory (http://www.ornl.gov/).

A Ph.D. in a relevant field and postdoctoral research experience is required. Applications should include a brief cover letter, CV with list of publications, a 2-3 page outline of research interests, and a description of teaching interests. Please email the application as a single pdf file to bcmbnscert@utk.edu, and arrange for three letters of recommendation to be sent directly to neurofence@utk.edu. For informal inquiries please contact Rebecca Prosser, PhD, at rprosser@utk.edu. Visit http://bcmb.utk.edu/ for additional information regarding this position.

Biological Psychology

The Department of Psychology at the University of Tennessee, Knoxville, invites applications for a tenure-track Assistant Professor position in Biological Psychology. Individuals with expertise in cognitive or behavioral neuroscience are especially encouraged to apply. The systems investigated may include decision-making, developmental processes, learning and memory, orientation, perception, sleep, and social behavior. We are particularly interested in candidates using modern cellular and molecular techniques to understand the neural basis of cognitive processing and ethologically relevant behavior. We are also interested in candidates who will contribute to our new Neuroscience Research Center (http://neuronet.utk.edu/index.php) and undergraduate neuroscience program (http://neuroscience.utk.edu/). This position will begin in August, 2016. The Department has three Ph.D. programs (Clinical, Counseling, and Experimental) and comprises 35 faculty and three full-time lecturers. The position is in the Experimental Psychology Program, which consists of the Biological, Developmental, and Social areas. Information about the Department and the Biological Area is online at http://psychology.utk.edu. Candidates should have a Ph.D., strong research record, enthusiasm for teaching at the graduate and undergraduate levels, and potential for extramural funding. Applicants should submit their vita, research statement, representative publications, teaching statement, representative teaching materials and three letters of recommendation to the Biological Psychology Search Committee, c/o Ms. Connie Ogle, Department of Psychology, University of Tennessee, Knoxville, TN 37996-0900. Review of applications will begin immediately and will 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. Women and minorities are especially encouraged to apply.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA 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.
IST Austria invites applications for Tenure-Track Assistant Professor and Tenured Professor positions to lead independent research groups in all areas, as well as cross-disciplinary areas of:

- **BIOLOGY**: Applicants in biochemistry, genomics, and structural biology are particularly encouraged to apply.
- **NEUROSCIENCE** (such as molecular, cellular, systems and theoretical neuroscience): Applicants using advanced imaging and/or molecular techniques are particularly encouraged to apply.
- **PHYSICS**: Applicants in condensed matter physics, bio- and soft matter physics, as well as chemical and atomic physics are particularly encouraged to apply. IST Austria is in the process of building up a new physics cluster including a micro- and nanofabrication facility (300 m² clean room ISO classes 5-7).

While at present our main focus is on experimental physics, outstanding theoreticians will be considered as well.

IST Austria is a recently founded public institution dedicated to basic research and graduate education near Vienna. Currently active fields of research include biology, neuroscience, physics, mathematics, and computer science. IST Austria is committed to become a world-class centre for basic science and will grow to about 90 research groups by 2026. The institute has an interdisciplinary campus, an international faculty and student body, as well as state-of-the-art facilities. The working language is English.

Successful candidates will be offered competitive research budgets and salaries. Faculty members are expected to apply for external research funds and participate in graduate teaching. Candidates for tenured positions must be internationally accomplished scientists in their respective fields.

**DEADLINES**: Open call for Professor applications. For full consideration, Assistant Professor applications should arrive on or before November 3, 2015. Application material must be submitted online: www.ist.ac.at/professor-applications

IST Austria values diversity and is committed to equal opportunity. Female researchers are especially encouraged to apply.

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**CUNY ADVANCED SCIENCE RESEARCH CENTER**

The CUNY Advanced Science Research Center (ASRC) seeks a number of outstanding, ambitious, and highly innovative scientists with demonstrated world-class research accomplishments for its current open-rank, tenure-track faculty searches (Assistant, Associate, and Full Professorships), in the areas of:

- **Nanoscience** (Director - Prof. Rein V. Ulijn)
- **Structural Biology** (Director - Prof. Kevin H. Gardner)
- **Environmental Sciences** (Director - Prof. Charles J. Vörösmarty)

Applicants must be accomplished and respected researchers in their fields with a solid record of scholarly activities and must possess appropriate credentials for a faculty appointment at one of the CUNY colleges. Faculty are expected to make key contributions in establishing the ASRC as an internationally leading research center, through innovative and collaborative research for societal and economic benefit, and by inspiring new generations of scientists.

The ASRC is a hub of scientific exploration in Upper Manhattan, the centerpiece of an integrated network that brings together researchers from a number of science’s most dynamic disciplines — Nanoscience, Photonics, Structural Biology, Neuroscience, and Environmental Sciences — in a highly collaborative research environment. Offering state-of-the-art facilities and instrumentation to CUNY scientists of all levels — faculty, postdoctoral fellows, and graduate and undergraduate students — and other researchers from the New York City scientific community, the center positions the University at the vanguard of scientific research and education.

To apply and to seek further information, visit asrc.cuny.edu/jobs

We are committed to enhancing our diverse academic community by actively encouraging people with disabilities, minorities, veterans, and women to apply. We take pride in our pluralistic community and continue to see excellence through diversity and inclusion. EODAA Employer.
Cardiac/Renal Biology

The Department of Physiology and Biophysics at Case Western Reserve University School of Medicine seeks a Cardiac or Renal Physiologist at the rank of Assistant, Associate or Full Professor. Applicants must have a Ph.D., M.D. or equivalent degree and demonstrated academic excellence appropriate for career stage. Individuals seeking appointment at the Assistant Professor level must have at least 3 years of postdoctoral experience, a strong record of scholarly activity and evidence of academic potential. Candidates for Associate Professor should have a considerable publication record, evidence of an international reputation and a demonstrated ability to renew funding. For appointment at the Professor level, substantial evidence of leadership in the applicant’s academic field, outstanding productivity and a sustained funding history are required. Rank will be commensurate with experience.

The successful applicant will have demonstrated academic excellence appropriate for career stage and be expected to develop or continue a robust extramurally-funded research program in the field of cardiac or renal physiology that compliments current programs within the department. Any area of cardiac and renal physiology will be considered, however, we particularly encourage applicants with expertise in the areas of cellular and molecular mechanisms of cardiac muscle contraction, genetics of cardiovascular disease, cardiac electrophysiology and arrhythmias, cardiac regenration, heart failure, renal pH regulation, molecular mechanisms of renal calcium transport, role of the kidney in blood pressure regulation and molecular and cellular mechanisms of ion transport.

The Department of Physiology and Biophysics includes 18 primary and 32 secondary faculty members. The department has a strong record of cardiac and renal research and faculty members are part of both the Case Western Reserve University Cardiovascular Research Institute and the Kidney Research Center. Interested candidates should send an electronic application that includes a cover letter, complete curriculum vitae including funding history, a one-page summary of research interests and the names and contact information for four references to CardinRenalSearch@case.edu.

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply. Case Western Reserve University provides reasonable accommodations to applicants with disabilities. Applicants requiring a reasonable accommodation for any part of the application and hiring process should contact the Office of Inclusion, Diversity and Equal Opportunity at 216-368-8877 to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.

Faculty Recruitment – Department of Integrative Physiology and Pathobiology

The Department of Integrative Physiology and Pathobiology (IPP) at the School of Medicine and Sackler School of Graduate Biomedical Sciences, Tufts University, invites applications for tenure-track Faculty positions at all levels. Candidates should have a Ph.D. or M.D. and be outstanding scientists in the field of inflammation and its role in systemic and localized diseases.

IPP is at an early and exciting stage of development (http://medicine.tufts.edu/education/Academic-Departments/Basic-Science-Departments/Integrative-Physiology-and-Pathobiology). The Department has recently recruited a new Chair who is committed to building an internationally recognized center for the study of inflammation and immune mediated disease processes.

Please submit electronic applications including a CV, a statement of research interests and the names and contact information of at least three references by December 31, 2015 to https://academicjobsonline.org Job #5915. Inquiries, but not application materials, may be directed to:
IPPFacultyRecruitment@tufts.edu.

Tufts University is an Affirmative Action/Equal Opportunity Employer, committed to increasing the diversity of our faculty. Applications from women and underrepresented minorities are strongly encouraged.

NORTHWESTERN UNIVERSITY

Faculty Position in Biomaterials
Biomedical Engineering Department

The Biomedical Engineering Department in the Robert R. McCormick School of Engineering and Applied Science is seeking to fill a new tenure-track position in biomaterials or closely related area. The successful candidate will be expected to develop and maintain a distinguished externally-funded research program and contribute to the teaching and advising of graduate and undergraduate students. The collaborative environment at Northwestern University is exceptionally strong, with opportunities for interactions in Biomedical Engineering and other departments, the Center for Cancer Biophotonics and the Chemistry of Life Processes Institute. An appointment at any rank will be considered. See www.bme.northwestern.edu for further information on our faculty and programs. Applicants should upload PDF versions of a cover letter, a complete curriculum vitae, the names and contact information for three references, and one (up to three page) statement each of research and teaching interests to https://facysearch.mccormick.northwestern.edu//apply/index/N2g. The cover letter should be addressed to the Chair of the Biomaterials Search Committee. Applications received before October 1, 2015 will receive full consideration but applications will be accepted until the position is filled. Interviews are expected to begin as early as November 2015. The earliest starting date is September 1, 2016. Women and candidates from underrepresented minority groups are especially encouraged to apply. Northwestern University is an Affirmative Action/Equal Opportunity Employer. Hiring is contingent upon eligibility to work in the United States.

Northwestern University is an Equal Opportunity, Affirmative Action Employer. Qualified women and minorities are encouraged to apply. It is the policy of Northwestern University not to discriminate against any individual on the basis of race, color, religion national origin, sex, sexual orientation, marital status, age, disability, citizenship, veteran status or other protected group status. Hiring is contingent upon eligibility to work in the United States.

FACULTY POSITION IN CHEMISTRY

Department of Chemistry
Biomedical Chemistry Institute
Arts and Science

The Department of Chemistry at New York University (NYU) invites applications for a tenure-stream faculty position in synthetic organic chemistry as part of its Biomedical Chemistry Institute. While we expect to hire at the junior level, exceptional senior level candidates will be considered. The anticipated start date is September 1, 2016, pending budgetary and administrative approval.

The Department of Chemistry at NYU is implementing a significant growth plan, including the creation of the Biomedical Chemistry Institute, the Molecular Design Institute, the Laboratory for Molecular Nanoscience, and the addition of numerous senior and junior faculty members.

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

Application review will begin October 15, 2015. Questions about this position can be sent by Email to chemistry.search@nyu.edu.

NEW YORK UNIVERSITY

EOE/Minorities/Females/Vet/Disabled
Open Faculty Positions

The Okinawa Institute of Science and Technology (OIST) Graduate University (www.oist.jp) invites applications for at least 7 new faculty members. Research areas include Biology, Chemistry, Computer Science, Ecology and Environmental Science, Marine Science, Mathematics, Neuroscience, and Physics. Appointments will be made as Tenure Track Assistant Professor, Tenured Associate Professor, and Tenured Professor. This is part of a plan to hire 50 new faculty members by 2023.

We seek applicants with outstanding scholarship, creativity, and interdisciplinary interests. Successful candidates will be offered research resources and competitive salaries. Further information and instructions for submitting applications online may be accessed at https://groups.oist.jp/facultypositions

Application Deadline: 15th November, 2015

OIST is a new, English-language graduate university offering a world-class research environment and has an international research community with faculty, students and staff from over 50 countries. The campus is located on a beautiful, subtropical island in Okinawa, Japan.

OIST Graduate University is an equal opportunity educator and employer committed to increasing the diversity of its faculty, students and staff by having proactive policies in place. We provide a family-friendly working environment, including a bilingual child development center on campus. Applications from women and other underrepresented groups are strongly encouraged. See https://groups.oist.jp/ged

Inquiries should be directed to Professor Ken Peach, Dean of Faculty Affairs, faculty-recruiting@oist.jp

UNIVERSITY OF MICHIGAN

BIOLOGICAL SCIENCES SCHOLARS PROGRAM
For Junior, Tenure-Track Faculty

The University of Michigan Medical School announces recruitment for the Biological Sciences Scholars Program (BSSP) to enhance the institution’s strengths in the biological and biomedical research areas.

Now entering its 17th year, the BSSP has led recruitment of outstanding scientists pursuing research in genetics, microbiology, immunology, virology, structural biology, biochemistry, molecular pharmacology, stem cell biology, cancer biology, physiology, cell and developmental biology, bioinformatics, and the neurosciences. The Program seeks individuals with PhD, MD, or MD/PhD degrees, at least two years of postdoctoral research experience, and who have not previously held a faculty position. Candidates will show evidence of superlative scientific accomplishment and scholarly promise. Successful candidates will be expected to establish a vigorous, externally-funded research program, and to become leaders in departmental and program activities, including teaching at the medical, graduate, and/or undergraduate levels. Primary departmental affiliation(s) will be determined by the applicant’s qualifications and by relevance of the applicant’s research program to departmental initiatives and themes. All faculty recruited via the BSSP will be appointed at the Assistant Professor level.

APPLICATION INSTRUCTIONS: Please apply to the Scholars Program through the BSSP website at: http://bssp.med.umich.edu. A curriculum vitae (including bibliography), a three page research plan, an NIH biosketch, and three original letters of support should all be submitted through the BSSP website. More information about the Scholars Program, instructions for applicants and those submitting letters of recommendation, and how to contact us is located on the BSSP web site: http://bssp.med.umich.edu. The deadline for applications is Friday, October 16, 2015.

The University of Michigan is an Affirmative Action/Equal Opportunity Employer.
Texas State University is a member of the Texas State University System.

Assistant Professor
Organismal Physiology

The Department of Biology at Texas State University (www.bio.txstate.edu) invites applications for a tenure-track Assistant Professor in Organismal Physiology with a focus on aquatic poikilotherms. The successful candidate will be expected to teach both graduate and undergraduate courses in the Department of Biology and develop an externally funded research program involving graduate students that complements existing strengths of our 47-member faculty. Required qualifications are an earned Ph.D. in biology or related areas, and a record of published research accomplishments in the physiology of aquatic poikilotherms. Preferred qualifications are postdoctoral experience, a record of externally funded research, a record of interdisciplinary collaboration on environmental topics, and experience in research complementing the research strengths of the Department. Salary and start-up package are negotiable.

Review of applications will begin November 15, 2015. A letter of application with statements on research plans and teaching philosophy, CV, pdifs of five representative publications, and the names and contact information of five people willing to serve as references should be sent as a single PDF to physiology@txstate.edu. Questions about this position should be addressed to Dr. Dana Garcia, dg88@txstate.edu, Texas State University, 601 University Drive, San Marcos, TX 78666

Texas State University is an Affirmative Action/Equal Opportunity Employer.

The Department of Biochemistry at the Vanderbilt University School of Medicine (https://medschool.vanderbilt.edu/biochemistry/) is initiating an exciting recruiting phase and invites applications for tenure-track faculty appointments at the rank of Assistant Professor. Consideration will also be given at the tenured Associate and Full Professor levels. We seek outstanding investigators whose program utilizes biochemical and mechanistic biological approaches. While the applicant’s field of study may be in any area, we are particularly interested in those with interests relating to one of the following: cancer biology, neuroscience or regenerative biology. Our department has a rich history and is integrated extensively into Centers, Institutes and Cores across campus. Successful candidates will be expected to establish a strong, independent research program and to participate in departmental, educational and service missions. Applications are requested to submit a single PDF-formatted file that includes a cover letter, curriculum vita, a one-page summary of research experience highlighting three publications, and a 3-page research plan. Applicants should arrange to have three reference letters submitted directly. All application materials should be submitted electronically to bchm.recruiting@vanderbilt.edu. Selection of applications will begin November 1, 2015.

Vanderbilt University is committed to diversity and is an Affirmative Action, Equal Opportunity Employer.

UT Southwestern Medical Center

Chair Department of Biochemistry

The University of Texas Southwestern Medical Center invites applications for the position of Chair of the Department of Biochemistry. The Chair will lead a department of over 20 faculty members who are internationally recognized for excellence in both chemical and biochemical research.

The incoming Chair will be responsible for recruiting new faculty members, overseeing research and training programs in the department, and promoting an environment in which excellence in biomedical research is fostered. The Chair will direct a creative and productive research program, which will be well supported.

Interested doctoral candidates with exceptional records of scholarship, strong interpersonal skills, and institutional vision should send a curriculum vitae and brief cover letter to the attention of:

David W. Russell, Ph.D.
UT Southwestern Medical Center
Department of Molecular Genetics
5323 Harry Hines Blvd.
Dallas, TX 75390-9046
Email to: Camille.Roberts@UTSouthwestern.edu

UT Southwestern is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

California State Polytechnic University, Pomona
Biological Sciences Department

TENURE-TRACK FACULTY POSITION
ENVIRONMENTAL TOXICOLOGIST

The Biological Sciences Department at the California State Polytechnic University, Pomona (Cal Poly Pomona) invites applications for a tenure-track, ASSISTANT PROFESSOR position in Environmental Toxicology, beginning September 2016. The area of specialization is open, but candidates who study the fate and effects of pollutants in the environment, including examination of the biological effects on animals and/or ecosystems are encouraged to apply. A Ph.D. in Biology or a related field is required. Candidates who incorporate field work in their research are preferred. Post-doctoral experience and previous teaching experience are also preferred. The successful candidate will have the potential for excellence in undergraduate teaching, and for developing an externally-funded research program that will involve undergraduate and Master’s students. Teaching responsibilities will include development of new upper division and graduate level courses in the field of environmental toxicology and may involve participation in introductory biology courses. Cal Poly Pomona is a comprehensive Master’s level university with a diverse student body. The successful candidate will have demonstrated an ability to be responsive to the educational equity goals of the university and its increasing ethnic diversity and international character.

Applicants need to forward to env.toxic@cpp.edu a single electronic pdf packet with “Toxicologist position” in Subject line, which includes: (1) cover letter that briefly describes the candidate’s training, experience, and teaching and research interests (2 pages max); (2) curriculum vitae; (3) statement of teaching philosophy (2 pages max); (4) proposed plan of research (2 pages max); (5) three representative peer-reviewed publication reprints; and (6) the names and contact information of three (minimum) to five (preferred) references to: Dr. Junjun Liu, Chair, Environmental Toxicologist Search Committee, Biological Sciences Department, California State Polytechnic University, 3801 West Temple Avenue, Pomona, CA 91768. Review of applications begins on November 20, 2015. Official transcripts and three letters of reference will be required of all semi-finalists. For further information, visit the Department web site at: http://www.cpp.edu/biology.

EOE/Male/Minorities/Females/VET/Disability.
Assistant Professor/Associate Professor/Professor, Experimental Quantum Condensed Matter Physics

The Department of Physics and the James Franck Institute at the University of Chicago invite applications for faculty positions in the area of experimental quantum condensed matter physics. Exceptional candidates in other areas of condensed matter may be considered as well. Candidates for the level of Assistant Professor must have completed all requirements for a doctorate degree in physics or a related field at the time of hire. Candidates at the level of Associate Professor and Professor must have a PhD in physics or a related field and a record of excellence in research. All ranks are expected to establish an independent research program in the Institute while effectively contributing to the Department’s undergraduate and graduate teaching programs. Applicants must apply online through The University of Chicago academic careers website. Interested candidates are urged to apply early and review of completed applications will begin on October 15, 2015. The review process will continue until the position is filled. Applicants for the Assistant Professor and Associate Professor positions are required to upload a cover letter, curriculum vitae, a list of publications, and a statement of research interests. In addition, three letters of recommendation are required. Reference letter submission information will be provided during the application process. Applicants for the position of Professor are required to upload a cover letter, curriculum vitae, a list of publications. To be considered for a position at the rank of Assistant Professor, please apply at http://tinyurl.com/q4ce5aa. To be considered for a position at the rank of Associate Professor, please apply at http://tinyurl.com/pnsvec. To be considered for a position at the rank of Professor, please apply at http://tinyurl.com/q4t908s. If applying for a position at more than one rank, separate applications are required. Questions regarding the application process should be sent to Ms. Karen Pinc at kpinc@uchicago.edu.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, protected veteran status or status as an individual with disability. The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer. Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-5671 or email ACOpp.Administrator@uchicago.edu with their request.

Assistant Professor/Associate Professor/Professor, Quantum Information Engineering

The Institute for Molecular Engineering at the University of Chicago invites applications for faculty positions at all ranks in the area of Quantum Information Engineering. Areas of interest include, but are not limited to:

- Quantum coherent devices and systems
- Quantum measurement
- Optics and nanophotonics
- Quantum materials
- Optomechanics
- Quantum information and communication

While appointment at any level is possible, we particularly invite applications for positions at the Assistant Professor, the Associate Professor, and Professor ranks. The appointment will be at the Institute for Molecular Engineering with positions available both in experiment and theory. Candidates must have a doctoral degree in a relevant field of study and have an outstanding research record. Successful candidates will be expected to establish and maintain a strong research program and to teach at the graduate and undergraduate levels. To apply, please visit the University of Chicago’s Academic Career Opportunities website, https://academiccareers.uchicago.edu/. The review of the applications will start on October 15, 2015 and continue until the position is filled. Applicants for the Assistant Professor and Associate Professor Positions are required to upload a cover letter, curriculum vitae, a list of publications, and a statement of research interests. In addition, three letters of recommendation are required. Reference letter submission information will be provided during the application process. Applicants for the position of Professor are required to upload a cover letter, curriculum vitae and a list of publications. To be considered for a position at the rank of Assistant Professor, please apply to Requisition #02718. To be considered for a position at the rank of Associate Professor, please apply to Requisition #02719. To be considered for a position at the rank of Professor, please apply to Requisition #02753.

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**NC STATE UNIVERSITY**

**PLANTS FOR HUMAN HEALTH INSTITUTE, plantsforhumanhealth.ncsu.edu/ Seeking up to Three Tenure Track Faculty Positions**

Closing Date: October 1, 2015

The Plants for Human Health Institute (PHHI) at North Carolina State University (NCSU) is seeking up to three new tenured or tenure-track faculty members to join a unique transdisciplinary research team at the NC Research Campus (www.ncresearchcampus.net). The PHHI’s research aims to pioneer a dramatic shift in the use of plant food crops, not just as a source of nutrients and calories, but as a source of bioactive plant components that protect and enhance human health. Integrated research in metabolomics, biochemistry, pharmacogenomics, breeding, molecular biology, postharvest attributes, and phytochemistry will be geared toward development of fruit and vegetable produce with pharmacologically-relevant levels of health-protective phytochemical complexes. The ultimate goal is to develop and characterize existing as well as new candidate crops with unique merit for human health and wellness. PHHI faculty seek to link discovery and translational research through a common focus and close collaboration between basic and applied scientists.

Ph.D. required in specified or related field. Appointees may be competitive for David H. Murdock Distinguished Professorships within the Institute. Successful Ph.D. candidates will have appointments in an NCSU department within the College of Agriculture and Life Sciences (CALS). The College of Agriculture and Life Sciences is one of the largest Colleges at NCSU with over 500 faculty distributed among 22 academic departments.

Currently we are inviting applications for faculty with research in the areas of Regenerative Medicine, Translational Nutrition and Food Allergies/Immunology.

**Regenerative Medicine (Position 00104960):** We are seeking applicants at the Asst/Assoc/Full professor level to conduct research in the arena of phytoactive compounds and wound healing/regeneration. The successful candidate is expected to develop a transdisciplinary research program to explore strategies for modulating skin elasticity regeneration of organs and tissues with plant-based phytochemical interventions. Research focus will be relevant to the cosmetics and skin allergy fields, and will interface with related industries and clinical operations. (https://jobs.ncsu.edu/postings/55782)

**Translational Nutrition and Food Sciences (Position 00104962):** We are seeking applicants at a senior (Assoc/Full professor) level to develop a broad-based research program on the interface between nutrition and health protective phytochemicals (phytoactive compounds) in edible plants. The successful candidate will be expected to develop a nutritional translation laboratory which would include both analytical and pilot scale functional food processing instrumentation. The candidate will interface with existing resident faculty on campus in the arenas of pharmacogenomics, phytochemical analysis, bioavailability, systems biology, postharvest and metabolomics in order to assess new plant-based discoveries for human health and expedite translation into food or supplement/ product deliverables for clinical, consumer, and developing world applications. (https://jobs.ncsu.edu/postings/55792)

**Food Allergies/Immunology (Position 00104961):** We are seeking applicants at the Asst/Assoc/Full professor level to conduct research in the arena of food allergies (e.g. peanut, milk, soy, etc.) and use phytoactive strategies to attenuate allergenicity or human sensitivity to allergies. The successful candidate will apply in vitro, animal, and/or clinical systems approaches to build and test predictive models of allergenicity, and investigate mechanisms of phytoactive compound interactions with allergenic proteins in food products as well as in post-digestive complexes. (https://jobs.ncsu.edu/postings/55786)

To apply, visit http://jobs.ncsu.edu. For additional questions, please call 704-250-5401.

AA/EEOC. In addition NCSU welcomes all candidates regardless of sexual orientation.
Malignant Hematology Investigator
Division of Hematology and Oncology
Case Western Reserve University
University Hospitals Seidman Cancer Center

The Division of Hematology and Oncology in the Department of Medicine at Case Western Reserve University School of Medicine and the Case Comprehensive Cancer Center (Case CCC), are seeking applications for a tenure track laboratory-based investigator at the Assistant or Associate Professor level. We are seeking applicants with a research focus directly relevant to hematologic malignancies or hematopoietic stem cell transplantation immunology. The section of Hematologic Malignancies and Stem Cell Transplantation within the Division, under the leadership of Dr. Marcos de Lima, is broadly focused on the development of novel therapeutics with translation of scientific concepts exploring new drugs and cell-based approaches.

The candidate is expected to develop an independently-funded research program, with close collaboration with clinical investigators. The successful applicant will have the opportunity to collaborate broadly with faculty members across the university, including the Departments of Genetics and Genome Sciences, the Center for Proteomics and Bioinformatics, and scientific programs of the Case Comprehensive Cancer Center. This individual will join a critical mass of bench-to-bedside researchers as a member in the Case Comprehensive Cancer Center Hematopoietic Disorders research program.

Candidates should hold a PhD and/or MD, postdoctoral research experience, a strong publication record, and evidence of successful extramural funding. Candidates at the Associate Professor level should have evidence of national service and recognition. A statement of research interests, curriculum vitae, and names of three references should be sent to:

Marcos deLima, MD
Section Chief, Hematologic Malignancies and Stem Cell Transplantation
Co-Leader, Hematopoietic Disorders Research Program
University Hospitals Case Medical Center
Case Comprehensive Cancer Center
marcos.delima@case.edu

In employment and education, CWRU is committed to Equal Opportunity and diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply. For information regarding reasonable accommodations, please visit: http://www.case.edu/diversity/faculty/EEO.html.

Basic Cancer Research Scientists

Georgia Regents University Cancer Center invites applications for the position of Leader of the Cancer Immunology, Inflammation and Tolerance Program from interested individuals with expertise in one of these areas. Georgia Regents University Cancer Center has been undergoing an unprecedented expansion in its basic and population sciences programs as part of an initiative to achieve designation as an NCI Cancer Center. This leadership position will complement and build on research in the Program focused on the tumor microenvironment and developing strategies to treat cancer based on manipulating inflammatory and immunologic pathways that protect tumors by promoting local immune tolerance. The Program supports a highly active program of experimental clinical immunotherapy trials.

Applicants must have active extramural research funding, ideally from NCI, a strong track record of independent research and preferably experience of working in an NCI-designated Cancer Center. Successful candidates will join a collaborative Program that works closely to promote translational research with the clinical research oncologists.

A competitive salary and start-up package, commensurate with experience and academic qualifications, is available. A summary of research interests, curriculum vitae and names of three references should be sent to Dr. Rhea-Beth Markowitz; rbmarkowitz@gru.edu. Applications will be reviewed until the positions are filled.

Georgia Regents University is an Equal Opportunity Affirmative Action, and Equal Access Employer. Georgia Regents University has a strong interest in promoting diversity in its faculty; and women and minority candidates are encouraged to apply.

Join the Conversation!
Twitter is a great way to connect with AAAS members and staff about the issues that matter to you most. Be a part of the discussion while staying up-to-date on the latest news and information about your personal member benefits.

Follow us @AAASmember
and join the conversation with #AAAS

MemberCentral.aaas.org

Program Leader

Georgia Regents University Cancer Center invites applications for the position of Leader of the Cancer Immunology, Inflammation and Tolerance Program from interested individuals with expertise in one of these areas. Georgia Regents University Cancer Center has been undergoing an unprecedented expansion in its basic and population sciences programs as part of an initiative to achieve designation as an NCI Cancer Center. This leadership position will complement and build on research in the Program focused on the tumor microenvironment and developing strategies to treat cancer based on manipulating inflammatory and immunologic pathways that protect tumors by promoting local immune tolerance. The Program supports a highly active program of experimental clinical immunotherapy trials.

Applicants must have active extramural research funding, ideally from NCI, a strong track record of independent research and preferably experience of working in an NCI-designated Cancer Center. Successful applicants will join a collaborative Program that works closely to promote translational research with the clinical research oncologists. Candidates should have documented scholarly activities and achievements that qualify them for the rank of Full Professor and may qualify for an Endowed Chair.

A competitive salary and start-up package, commensurate with experience and academic qualifications is available. A summary of research interests, curriculum vitae and names of three references should be sent to Dr. Rhea-Beth Markowitz; rbmarkowitz@gru.edu. Informal inquiries can be made to Dr. John K. Cowell (jcowell@gru.edu) or Dr. Esteban Celis (ecelis@gru.edu). Applications will be reviewed until the positions are filled.

www.gru.edu/cancer

Georgia Regents University is an Equal Opportunity Affirmative Action, and Equal Access Employer. Georgia Regents University has a strong interest in promoting diversity in its faculty and women and minority candidates are encouraged to apply.
Wayne State University (WSU) is recruiting 30 faculty (Open rank) for research and development programs in Integrative Biosciences. This initiative leverages a new 200,000 sq. ft. Integrative Biosciences Center (IBio) opening in 2015 that will house coordinated, multidisciplinary research teams and programmatic initiatives involving translational thrusts focused on pathophysiology and accumulated stressors affecting health in evolving urban environments.

Phase 1 occupation of IBio includes a clinical research center as well as the WSU NIEHS-supported Center for Urban Responses to Environmental Stressors and established research teams at WSU in behavioral health, biomaterials and molecular imaging, diabetes and obesity.

Phase 1 recruitment (6-8 faculty) focuses on five primary areas: Brain & Behavioral Health; Bio & Systems Engineering; Interface of Genes, Ethnicity, Environment and Health; Metabolic Diseases (Diabetes and Obesity); and Urban Health Equity. Each theme includes basic discovery-driven research as well as translational, community and implementation sciences cutting across departments, programs, centers and colleges.

Faculty recruits (tenured, tenure-track or research-track) will integrate with, and be appointed in, department(s) and colleges or schools consistent with their area of training, expertise, and shared interests. Tenure-track and tenure appointments are expected to engage in all aspects of our academic mission including research, education and service. Wayne State University is an Equal Opportunity Employer committed to building a diverse faculty and educating a diverse student population.

Candidates must have a PhD, MD, PharmD, and/or related degree(s) in disciplines aligning with the focus areas and possess a demonstrated track record of and/or potential for exceptional science, creative discovery and/or knowledge translation and application. We would be pleased to receive applications from groups of faculty from one or several institutions who may wish to work together. Qualified candidates should submit (pdf) their curriculum vitae and a brief narrative describing their research and how it relates to the IBio initiative (http://www.IBio.wayne.edu) to Dr. Lanier at IBio@wayne.edu. Candidate packages will be reviewed by a search committee chair by the University’s Vice President for Research, Stephen M. Lanier, Ph.D. Competitive recruitment packages are available with salary and rank based on qualifications. Review of Phase 1 applications will begin immediately with applications accepted until October 30, 2015.

Founded in 1868, Wayne State University is a nationally recognized comprehensive, urban research university offering more than 370 academic programs through 13 schools and colleges to nearly 28,000 students. Wayne State’s main campus in Midtown Detroit comprises 100 buildings over 200 acres including the School of Medicine, the Eugene Applebaum College of Pharmacy and Health Sciences and the College of Nursing. Wayne State University is one of three universities in Michigan with the Carnegie classification of institutions with “very high research activity.” WSU is home to the Perinatology Research Branch of the National Institutes of Health and the Karmanos Cancer Institute, a National Cancer Institute-designated comprehensive cancer center. The IBio initiative also includes programmatic expertise and opportunities in the College of Liberal Arts and Sciences, the College of Engineering, the School of Law, the School of Social Work and the School of Business Administration as well as additional schools, colleges, centers and institutes.

The City of Detroit, with its storied history in innovation, is at an exciting point in its history with rapidly expanding development activities and true rebirth. Its vibrant downtown and cultural center envelope the WSU campus. With its large presence in the downtown area and its activities related to economic development, research and education, WSU plays a key role in the rapidly accelerating forward growth of the city. With immediate proximity to Canada and its location in the middle of the Great Lakes region along with professional sports, opera and symphony, Detroit and the metropolitan area (~5 million population) provide a rich culture with exceptional recreational and entertainment activities.
Assistant Professor
Computational Chemistry

The Department of Chemistry and Biochemistry at Auburn University invites applications for a nine-month, tenure-track faculty position at the level of Assistant professor in the area of computational chemistry. Applicants will be expected to develop and maintain a vigorous, externally funded program focused on molecular processes relevant to pharmaceutical sciences or to the conversion or management of energy. The successful candidate for this position will be expected to participate actively in either the Pharmaceutical Engineering or Scaleable Energy cluster of the Auburn University multi-disciplinary Cluster Hire Initiative. New faculty with expertise in computational methods or development of new methods will complement the University’s considerable existing expertise in these areas to form the core of this innovative multidisciplinary initiative. Participation in one of the clusters will be an important component in faculty annual reviews. See: http://www.auburn.edu/academic/provost/clust hire_initiative.html

A Ph.D. in chemistry or a related field and at least one year of postdoctoral experience are required. Duties will include teaching at the undergraduate and graduate levels. The candidate selected for this position must meet eligibility requirements to work in the United States on the date the appointment is scheduled to begin (August 2016) and must be able to continue working legally for the proposed term of employment. The candidate must possess excellent written and interpersonal communication skills.

Applicants should submit a curriculum vitae, a detailed summary of research plans (no more than 10 pages), a two-page statement of teaching philosophy, and the names of three references.

To apply for this position, please visit https://aufacultypositions.peopleadmin.com/postings/1217. For more information, please visit: http://www.auburn.edu/chemistry. Review of applications will begin October 31, 2015 and continue until the position is filled.

Auburn University is an EEO/Vet/Disability Employer.

Assistant/Associate Professor
Small Molecule Synthesis

The Department of Chemistry and Biochemistry at Auburn University invites applications for a nine-month, tenure-track faculty position at the level of either Assistant or Associate Professor in the area of small molecule synthesis. Applicants will be expected to develop and maintain a vigorous, externally funded program focused on the use of small molecules to probe the understanding of biochemical processes or that could contribute to new medicinal chemistry or pharmaceuticals. The successful candidate for this position will be expected to participate actively in the Pharmaceutical Engineering cluster of the Auburn University multi-disciplinary Cluster Hire Initiative. New faculty with expertise in small molecule synthesis will complement the University’s considerable existing expertise in this area to form the core of this innovative multidisciplinary initiative. Participation in the Pharmaceutical Engineering cluster will be an important component in faculty annual reviews. See: http://www.auburn.edu/academic/provost/clust hire_initiative.html.

A Ph.D. in chemistry or a related field and at least one year of postdoctoral experience are required. Duties will include teaching at the undergraduate and graduate levels. The candidate selected for this position must meet eligibility requirements to work in the United States on the date the appointment is scheduled to begin (August 2016) and must be able to continue working legally for the proposed term of employment. The candidate must possess excellent written and interpersonal communication skills.

Applicants should submit a curriculum vitae, a detailed summary of research plans (no more than 10 pages), a two-page statement of teaching philosophy, and the names of three references.

To apply for this position, please visit https://aufacultypositions.peopleadmin.com/postings/1218. For more information, please visit: http://www.auburn.edu/chemistry. Review of applications will begin October 31, 2015 and continue until the position is filled.

Auburn University is an EEO/Vet/Disability Employer.

Assistant Professor
Scaleable Energy

The Department of Chemistry and Biochemistry at Auburn University invites applications for a nine-month, tenure-track faculty position at the level of Assistant Professor in areas related to energy research. Applicants will be expected to develop and maintain a vigorous, externally funded program focused on the chemistry of understanding energy conversion or energy management toward new scaleable energy systems. This is a broad interpretation of energy-targeted research that may include the fields of small molecule enzyme interactions, molecular recognition, biofuels, biocatalysis or catalysis, green chemistry, materials, or surface science. The successful candidate for this position will be expected to participate actively in the Scaleable Energy cluster of the Auburn University multi-disciplinary Cluster Hire Initiative. New faculty with expertise in energy research will complement the University’s considerable existing expertise in these areas to form the core of this innovative multidisciplinary initiative. Participation in the Scaleable Energy cluster will be an important component in faculty annual reviews. See: http://www.auburn.edu/academic/provost/clust hire_initiative.html.

A Ph.D. in chemistry or a related field and at least one year of postdoctoral experience are required. Duties will include teaching at the undergraduate and graduate levels. The candidate selected for this position must meet eligibility requirements to work in the United States on the date the appointment is scheduled to begin (August 2016) and must be able to continue working legally for the proposed term of employment. The candidate must possess excellent written and interpersonal communication skills.

Applicants should submit a curriculum vitae, a detailed summary of research plans (no more than 10 pages), a two-page statement of teaching philosophy, and the names of three references. To apply for this position, please visit https://aufacultypositions.peopleadmin.com/postings/1220. For more information, please visit: http://www.auburn.edu/chemistry. Review of applications will begin October 31, 2015 and continue until the position is filled.

Auburn University is an EEO/Vet/Disability Employer.

Assistant Professor
NORTHWESTERN UNIVERSITY

The Department of Molecular Biosciences seeks outstanding individuals with research interests that complement our existing interdisciplinary strengths.

The department is a vibrant and exciting research and training environment on the undergraduate campus of Northwestern University in Evanston, IL. As part of our continuing growth in the Life Sciences, we invite applications for two tenure-track positions at the rank of assistant professor. One of these positions may also be filled at the Associate professor level.

We are particularly interested in the following areas:

- Mechanistic biochemistry including biophysical and biochemical approaches, method development and single molecule studies to investigate macromolecular and cellular processes.
- Genome sciences, including but not limited to high throughput and computational approaches, or high-content image analysis to address cellular and organismal biology employing diverse model systems including stem cells.

Applicants should prepare a cover letter, curriculum vitae, research summary and a statement of future research goals, and a statement of teaching experience and interests. For further instructions and to submit an 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@northwestern.edu.

To ensure full consideration, please submit all materials by November 1, 2015.

Affirmative Action Employer of all protected classes including veterans and individuals with disabilities. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.
Affered 1 to 3 years fellowships to carry out a research project in the an and environmental sciences.

**AgreeSkills+** is an international postdoc mobility programme, accepting applications for fellowships from experienced young and independent researchers in the fields of life, agricultural, nutrition, and environmental sciences with up to 10 years’ experience after their doctorate. Proposals are accepted, without any guideline topics, for basic or applied sciences.

AgreeSkills+ programme is open to incoming researchers who are offered 1 to 3 years fellowships to carry out a research project in the best labs and research organisations in these fields in France, within the Agreenum consortium, while outgoing fellows, already employed by one of these institutes, can spend 6 months to 2 years mobility period at a research laboratory/centre outside France.

As European Union co-funded mobility programme, AgreeSkills+ strives to offer its fellows competitive salary and career development packages, within first-rate research environments. The programme greatly focuses on the quality of fellowships, their scientific mobility projects and career opportunities and the hosting conditions.

AgreeSkills+ has a continuous call for submissions, with the next selection round deadline on 14 November 2015.

To apply, visit our website: www.agreenskills.eu

The Division of Molecular Pharmacuetics announces appointments in the UNC Eshelman School of Pharmacy

**Full Professor and Division Chair in Molecular Pharmacuetics**

The UNC Eshelman School of Pharmacy invites applications for a full-time, 12-month tenure-track faculty position at the rank of Full Professor to serve as the Chair of the Division of Molecular Pharmacuetics. The ideal candidate will have expertise in pharmaceutical sciences and/or biomedical engineering with an emphasis on drug and therapeutics delivery. The faculty recruit is expected to be highly funded with a national and international reputation in pharmaceutical science, biomedical engineering, nanomedicine, and or a related field. The candidate must have interest in translational novel technologies, and have the ability to collaborate with other basic researchers and/or clinical investigators. The successful candidate will provide proactive leadership and direction to achieve the administrative, teaching, research, and service goals of the Division and School. Additional responsibilities include mentoring division faculty members and serving as part of the Eshelman School of Pharmacy’s administrative team, which engages in School and University planning, implementation, and evaluation activities. An endowed professorship may be provided to the exceptional candidate. Women and members of minority groups are encouraged to apply.

The UNC Eshelman School of Pharmacy (www.pharmacy.unc.edu) is one of five health sciences schools (Pharmacy, Nursing, Dentistry, Public Health, and Medicine) of the University of North Carolina at Chapel Hill. The Division of Molecular Pharmacuetics promotes human health through innovative drug imaging, and vaccine delivery research and education. The UNC Eshelman School of Pharmacy is currently undergoing an aggressive growth and expansion. We have recently launched the Eshelman Innovation Institute (uneci.org/) funded by a $100 million dollar commitment from Fred Eshelman, to promote innovative ideas in the school. A partnership with GlaxoSmithKline, and other schools at UNC has established the HIV Cure initiative.

The selected candidate will have appointments in the Division of Molecular Pharmacuetics in the UNC Eshelman School of Pharmacy. The candidate may also have membership in the Center for Nanotechnology in Drug Delivery (pharmacy.unc.edu/research/centers/cnnd), UNC-NCsu Joint Department of Biomedical Engineering, Lineberger Comprehensive Cancer Center (unclineberger.org/research), Institute for Nanomedicine (nano.unc.edu/carolina-institute-for-nanomedicine-cinn/) Biomedical Research Imaging Center (www.med.unc.edu/birc), Center for AIDS Research (cifar.med.unc.edu/), Institute for Global Health & Infectious Diseases (globalhealth.unc.edu/) or one of many other institutes or centers located on UNC campus. Also, UNC is in proximity to Duke University, Research Triangle Park, and North Carolina State University who often organize and collaborate in efforts with UNC faculty. These efforts include symposia, seminars, and conglomerate groups including North Carolina Biotech Center (www.nctbiotech.org/) and NC TraCS (tracs.unc.edu/). Additionally, technology development services are available through not only Eshelman Institute for Innovation, NC Biotech Center, and NCtraacs but also Carolina Kick Start (innovate.unc.edu). Review of applications will begin immediately and continue on a rolling basis until January 15, 2016. Applications should be in PDF format including the following items: (1) a cover letter, (2) CV, (3) detailed statement of research program and interests, (4) description of accomplishments in teaching, mentoring, and leadership service, and (5) the names and contact information of four references. Interested applicants should apply directly to the search committee chair, Leaf Huang, Ph.D. via Ms. Ning Sun at nsun@email.unc.edu.

**Assistant/Associate/Full Professor**

The Division Molecular Pharmacuetics (https://pharmacy.unc.edu/divisions/molecular-pharmacuetics) in the UNC Eshelman School of Pharmacy is seeking to fill a 12-month tenure-track open rank position. The ideal candidate will have a Ph.D. in an Engineering, Pharmaceutical Sciences, Chemistry, or a closely related discipline. The successful candidate must have a strong track record of publications and collaborations indicating research expertise in drug delivery and pharmacuetics, including the emerging field of pharmacoengineering. The UNC Eshelman School of Pharmacy (www. pharmacy.unc.edu) has recently launched the Eshelman Innovation Institute (uneci.org/) funded by a $100 million dollar commitment from Fred Eshelman to accelerate innovative ideas in the school. Therefore, the successful candidate must demonstrate an innovative spirit in order to play an active role in the growth of UNCEII.

Applications in PDF format including cover letter, CV, detailed statement of research program and interests, and the names and contact information of four references should be submitted to: Chris Luft, Ph.D., Search Committee Chair.

jluft@email.unc.edu

The University of North Carolina at Chapel Hill is an Equal Opportunity and Affirmative Action Employer.

**Wilhelm Heraeus Awards 2015 and 2016**

Goethe University Frankfurt am Main will award the prestigious title of »Wilhelm Heraeus Visiting Professor« to scientists of high international standing in the fields of physics (2015) and geophysics/geosciences (2016). The prize is sponsored by funds from the Wilhelm and Else Heraeus Foundation and endowed with 40.000 €, plus additional funding for research and scientific exchange.

The deadline for nominations for 2015 and 2016 is 31 October 2015. Self-nomination is not permitted. Recommendations should be sent to the Goethe University.

**FOR FURTHER INFORMATION SEE**

www.uni-frankfurt.de/45302866/stellaausschreibungen
Senior Faculty
Molecular Imaging Innovations Institute

The Molecular Imaging Innovations Institute (MI*) in the Department of Radiology at Weill Cornell Medical College is seeking highly motivated applicants to join our institute, which is located in the brand new, state-of-the-art, Beifler Research Building. MI* is committed to becoming an internationally recognized institute of excellence in the discovery and development of new molecular imaging agents, and strategies for use in basic and translational research and clinical care. Scientists will have access to on-site imaging systems for animal and human studies including: MRI, PET/CT, PET/MR, SPECT, CT, optical and ultrasound. Senior positions at the Associate or full Professorship levels will be considered commensurate with experience and track record of extramural funding and publications.

Qualified applicants should respond by mailing a letter of interest, including: research interests, current CV, and three references to:

Dr. Ching Tung
Director of Molecular Imaging Innovations Institute
Department of Radiology, Weill Cornell Medical College
413 East 68th Street, Box 290, New York, NY 10021.

Or respond by submitting your documents via Email to:
mi3@med.cornell.edu
EOE/M/F/Vet/Disabled

FACULTY POSITION IN NEUROSCIENCE

The Department of Cell and Molecular Biology at Tulane University (http://tulane.edu/sse/cell/) anticipates filling a tenure-track Assistant Professor position, beginning July 1, 2016. Targeted are individuals whose research interests focus on cellular/molecular neuroscience.

Applicants must have a Ph.D., at least 2 years of postdoctoral experience, a strong publication record, and show strong potential for obtaining external funding. The successful applicant will be expected to establish a vigorous, independent research program and to participate in graduate and undergraduate teaching. Opportunities exist for research collaborations with and participation in the Tulane Neuroscience Program, the Tulane National Primate Research Center, and the Tulane Cancer Center.

All applicants should submit their curriculum vitae, a brief statement of research interests and three letters of recommendation via the link: apply.interfolio.com/31399. Application deadline is November 30, 2015.

Tulane University is an Equal Opportunity/Affirmative Action/ADA Employer and encourages minority and female applicants to apply.

University of Washington

The University of Washington Department of Medicine is recruiting for one (1) full-time faculty position at the Associate Professor, or Professor level in the Division of Medical Genetics, Department of Medicine. This position is offered with state tenure funding.

Successful candidates for this position will have an M.D./Ph.D. or M.D. degree (or foreign equivalent), clinical expertise in genetics, and will be expected to carry out a successful research program. Highly translational PhD (or foreign equivalent) scientists may be considered. Although candidates with productive research programs in translational genetics/genomics and/or precision medicine will be prioritized, investigators engaged in gene therapy research may also be considered.

The University of Washington, including Medical Genetics and Genome Sciences, is at the forefront of modern genomics technology and its applications to human disease. Candidates will have opportunities to collaborate with other internationally recognized members of the faculty who are developing and using cutting-edge technologies and access state-of-the-art research facilities and clinical research programs. Candidates with a strong research background involving the identification and/or characterization of disease genes, or the application of genetic/genomic information toward the diagnosis and/or treatment of human disease, are especially encouraged to apply.

The position will remain open until filled. Send CV and 1-2 page letter of interest to: Medical Genetics Faculty Search, c/o Sara Carlson, Division of Medical Genetics, Box 357720, University of Washington, Seattle, WA 98195-7430; seinsner@u.washington.edu.

University of Washington faculty engage in teaching, research and service. The University of Washington is an Affirmative Action, Equal Opportunity Employer. The University is building a culturally diverse faculty and staff and strongly encourages applications from women, minorities, individuals with disabilities and protected veterans. In order to be eligible for University sponsorship for an H-1B visa, graduates of foreign (non-U.S.) medical schools must show successful completion of all three steps of the U.S. Medical Licensing Exam (USMLE), or equivalent as determined by the Secretary of Health and Human Services.

The University of Washington is an Equal Opportunity/Affirmative Action Employer. Unless confidentiality is requested in writing, information regarding applicants must be released upon request. Finalists cannot be guaranteed confidentiality.

University of Wisconsin-Madison

Breakthroughs in systems, computational, and synthetic biology coupled with advances in genomics and rational design have opened dramatic opportunities to develop next-generation plants and microbes for sustainable bioenergy production and other applications. Similarly, new approaches to the design of biological and bio-inspired catalysts promise low-cost, renewable, and sustainable production of biofuels and renewable chemicals. To promote scientific advances in these areas and as part of a commitment to improve and diversify how energy is provided for human needs, UW-Madison in association with the Wisconsin Energy Institute invites applications for new faculty of any rank to develop significant research programs in plant or microbial biodiscovery or bioanalytics. Applicants with experience or interest in cross-disciplinary research and collaboration as well as teaching and mentoring will be especially competitive. Madison itself is a thriving diverse city with ready access to cultural activities, outdoor pursuits, and stimulating neighbors and colleagues.

Anticipated tenure and research program homes include: • Bacteriology • Biochemistry • Biological and Chemical Engineering • many other relevant UW departments. Applicants with a PhD and strong record of achievement should apply by sending a single pdf containing a cover letter referencing pvl 84066, a curriculum vitae with summary of research accomplishments, and a statement of future research program and teaching interests to facultysearch@energy.wisc.edu. Applicants should arrange for letters of recommendation from three references to be sent to the same address. For full consideration, applications should be submitted by December 1, 2015.

The University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action Employer. Unless confidentiality is requested in writing, information regarding applicants must be released upon request. Finalists cannot be guaranteed confidentiality.
Two Assistant Professors in the Department of Biological Science in Systems Biology and in Ecology and Evolution of Infectious Disease

The Department of Biological Sciences (http://www.albany.edu/biology), University at Albany, State University of New York, invites applications for two tenure-track positions at the Assistant Professor level in the areas of (1) systems biology and (2) ecology and evolution of infectious disease (EEID).

**Systems Biology:** The Department seeks candidates whose research program will advance the understanding of the emergent properties of biological systems. The applicant should have a research interest in understanding biological networks at the molecular or subcellular level. Approaches should include the use of wet-lab-based techniques including but not limited to: functional genomic analysis, high-throughput-screening, deep sequencing, proteomic, and/or metabolomic analysis to generate new data sets. Research areas may include modeling and analysis of regulatory, biochemical, or signaling networks; synthetic biology approaches to genome engineering or biochemical engineering; or systems biology approaches to the study of bacterial, yeast, viral, or mammalian cell populations and their interactions. The successful candidate will contribute to the Department’s graduate program in Molecular, Cellular, Developmental, and Neural Biology and will be expected to teach at the undergraduate and graduate levels in courses appropriate to their expertise. Initial salary and startup funds are competitive.

**EEID:** The applicant should have a research interest in conceptual understanding of ecological and evolutionary aspects of infectious diseases. Possible research themes may include, but are not limited to: pathogen transmission and spread, host-pathogen interactions, vector biology or pathogen variation and evolution. Applicants should have wide interests in disease biology. The successful candidates will contribute the Department’s graduate program in Ecology and Evolutionary Biology (EEB) and will be expected to teach at the undergraduate and graduate levels in courses appropriate to their expertise. Initial salary and startup funds are competitive.

The successful candidates are expected to establish a sustained, externally funded research program that may include collaborative research. Applicants should have the ability to interact with a diverse faculty working across many research areas. Local opportunities for collaboration include faculty in the Life Sciences (http://www.albany.edu/lifesciences), the RNA Institute (http://www.rna.albany.edu), the School of Public Health (http://www.albany.edu/sph) as well as the New York State Department of Health (www.wadsworth.org).

Applicants must have a Ph.D. from a university accredited by the U.S. Department of Education or an internationally recognized accrediting organization, at least three years of post-doctoral experience, and a strong publication record. To apply, submit a CV, a statement of research interests including future plans, a statement of teaching interests, three or more letters of reference, and selected reprints (a maximum of five). Each applicant must address his/her ability to work with a culturally diverse population in the cover letter.

Application materials will be accepted on-line at:

**Systems Biology:** http://albany.interviewexchange.com/candapply.jsp?JOBD=63052

**EEID:** http://albany.interviewexchange.com/candapply.jsp?JOBD=53990

The University at Albany is an EO/AA/IRCA/ADA Employer

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**Genomics Faculty Position at Clemson University**

The Department of Biological Sciences at Clemson University invites applications for a full-time tenure-track Assistant Professor faculty appointment to begin August 2016. We seek colleagues who use genomics to answer fundamental questions in biology. Applicants must have a PhD and postdoctoral experience in a relevant field and are expected to have a strong publication record. All areas of biological inquiry will be considered. Existing areas of departmental strength include: Ecology, Evolution, and Organismal Biology; Molecular, Cellular and Developmental Biology; and Microbiology and Immunology. The research area will support the emphasis areas of Biotechnology and Biomedical or Sustainable Environment Sciences at Clemson University (http://www.clemson.edu/research/innovation/emphasis.html).

The successful applicant will be expected to establish and maintain a nationally recognized, vigorous, and externally funded research program demonstrate teaching excellence at the undergraduate and graduate teaching levels and participate in departmental and interdepartmental graduate programs. Teaching responsibilities will include a major’s undergraduate course and a graduate course in one’s specialty.

Applications should include a curriculum vitae, three PDF reprints, a statement of current and planned research, a statement of teaching philosophy and interests, and names and contact information for three references. To insure full consideration, please apply by November 1, 2015. Application materials should be sent by e-mail as one PDF file to: biosearch@clemson.edu and include “Genomics” in the subject line. Further information about this position and the department resources, programs, and faculty research interests are available at: http://www.clemson.edu/biosci and http://findjobs.clemson.edu.

Clemson University is located on Lake Hartwell near the Blue Ridge mountains in beautiful Upstate South Carolina near the Appalachian mountain range. Clemson is ranked 20th among national public universities by U.S. News & World Report, and is a research university with a strong commitment to teaching and student success.

Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran’s status, genetic information or protected activity (e.g., opposition to prohibited discrimination or participation in any complaint process, etc.) in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by title IX of the Education Amendments of 1972.
Assistant Professor: Inmate/Adaptive Immunologist

THE DEPARTMENT OF BIOLOGY AT SAN DIEGO STATE UNIVERSITY invites applications for a tenure-track faculty position in MOLECULAR and/or CELLULAR IMMUNOLOGY at the Assistant Professor level. We are seeking a candidate whose research is at the forefront of the innate and/or adaptive immune system. The successful candidate will be expected to develop a vigorous, externally funded, independent research program with student participation. Contribution in the teaching mission of the Biology department and fair share to University and/or community service is also expected. Applicants must hold a Ph.D. or equivalent degree and have postdoctoral experience.


SDSU is a Title IX, Equal Opportunity Employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, gender identity and expression, marital status, age, disability, pregnancy, medical condition, or covered veteran status.

Assistant Professor: Plant Evolutionary Biology

THE DEPARTMENT OF BIOLOGY AT SAN DIEGO STATE UNIVERSITY invites applications for a tenure-track faculty position in PLANT EVOLUTIONARY BIOLOGY at the Assistant Professor level. We are seeking a candidate who is conducting research that explores the interface between organismal and genetic/genomic approaches, and who works at the interface of evolution and ecology. The successful candidate will be expected to develop a vigorous, externally funded, independent research program with student participation. Contribution to the teaching mission of the Biology department and participation in University and/or community service is also expected. Candidates should have a Ph.D. in Plant Evolutionary Biology or a related field, relevant post-doctoral experience, and a strong record of research accomplishments and funding.


SDSU is a Title IX, Equal Opportunity Employer and does not discriminate against persons on the basis of race, religion, national origin, sexual orientation, gender, gender identity and expression, marital status, age, disability, pregnancy, medical condition, or covered veteran status.

Faculty Positions in Biomedical/Health Science Research
Institute of Biosciences and Technology, Center for Epigenetics & Disease Prevention, Texas A&M Health Science Center, Houston, Texas

The Texas A&M Health Science Center Institute of Biosciences and Technology (IBT), [http://ibt.tamhsce.edu/](http://ibt.tamhsce.edu/), is an internationally recognized leader in biomedical and health science research located at the Texas Medical Center in Houston, TX, with existing strengths in Epigenetics, Cancer, Infectious Disease, and Environmental Health. The IBT will be recruiting additional new faculty members into the Center for Epigenetics & Disease Prevention ([http://www.ibt.tamhsce.edu/research/cedp/](http://www.ibt.tamhsce.edu/research/cedp/)).

New hires will receive highly competitive packages for salary, start-up, and support for graduate education, along with outstanding laboratory and office space in the Texas A&M Health Science Center Alkek Building in the Texas Medical Center. Applicants should have a PhD., M.D., or M.D./Ph.D. degree in biochemistry, cellular and molecular biology, genetics, or a related science, and an outstanding publication record in the epigenetics area. Applicants are sought at the Assistant or Associate Professor level, with at least 3 years of productive post-doctoral experience. Current/ongoing extramural funding (corresponding to rank) would be viewed favorably during the review process, as would a track record combining innovative molecular, preclinical, and translational research in relevant epigenetic areas with an interest in disease prevention.

Successful candidates will be expected to establish an independent research group, conduct highly meritorious research, establish collaborations with other investigators in the Texas Medical Center and components of the Texas A&M University System, and to obtain significant extramural funding. Applications will be received and evaluated on a rolling basis, starting September 1, 2015.

To apply, please send a cover letter, curriculum vitae, statement of research interests, copies of two key publications, and at least three reference letters to: Dr. Roderick H. Dashwood, Search Committee Chair, 2121 W. Holcombe Blvd., Houston, TX 77030-3303; E-mail: rdashwood@ibt.tamhsce.edu.

The Texas A&M Health Science Center is an Equal Opportunity/Affirmative Action/Veterans/Disability Employer.

FACULTY POSITIONS
Baylor College of Medicine®

DEPARTMENT OF MOLECULAR AND HUMAN GENETICS - FACULTY POSITIONS

Among genetics departments at U.S. medical schools, the Department of Molecular and Human Genetics at Baylor College of Medicine (http://www.imgen.bcm.tmc.edu/molgen/) ranks number one in both number of grants and total funding from the National Institutes of Health. The Department of Molecular and Human Genetics provides a bridging environment for physicians and basic scientists, promoting a cross-species approach to functional genetics and a commitment to technology transfer. Activities within the Department include clinical genetics, basic and clinical research, a new joint venture diagnostic laboratory, long-standing association with one of three NIH large scale human genome sequencing centers, medical student teaching, a Ph.D. graduate program, and residency/fellowship training in medical genetics.

The Department has a total research funding of over $80 million, 62 primary tenured and tenure-track research faculty member and 120 total faculty members who are engaged in a variety of missions including basic and translational research, clinical diagnostic services, and pediatric and adult clinical care. To expand our translational impact, we developed a uniquely structured and governed joint venture, Baylor Miraca Genetics Diagnostic Laboratory, that will help to bring genetic discoveries to cutting edge genetic testing for a world-wide audience. Faculty will have an opportunity to interact with a vigorous Medical Genetics program with over 25 clinical MD and MD/PhD faculty as well as a large research and diagnostic laboratory. In addition, the Medical Genetics training program attracts 3-4 clinical fellows per year for ABMG approved residency training. ABMG-approved training for DNA, biochemical, and cytogenetics diagnostic laboratories is also offered.

The Department staffs clinical genetics programs at Texas Children’s Hospital, Baylor CHI St. Luke’s Medical Center, Harris Health System, and the Michael E. DeBakey Veteran Affairs Medical Center.

The Department is seeking individuals for faculty appointments at rank appropriate for achievement and experience. We are currently recruiting for:

- **Physician Scientist** – The Department is seeking individuals who have clearly demonstrated their ability to conduct high-impact basic, translational and/or clinical research and compete for scientific funding in the area of medical genetics and model organism genetics.
- **Clinical & Laboratory Geneticist** – The Department is seeking ABMGG eligible and/or certified physicians in the area of clinical genetics and medical biochemical geneticist. In addition, we are recruiting for ABMGG eligible and/or certified laboratory directors in the areas of clinical cytogenetics, clinical biochemical genetics, and clinical molecular genetics. Certification in more than one specialty is highly desirable.
- **Cancer Geneticist** – The Department is seeking individuals who have established expertise in cancer genetics including genomics, cancer model organisms, translational & therapeutic development. Individuals should be at the level for garnering career-stage specific recruitment packages sponsored by the Cancer Prevention Research Institute of Texas. (http://www.cprit.state.tx.us/)
- **Mouse Geneticist** – The Department has a distinguished history in mouse genetic study of development and disease. It is a center for the KOMP 2 knockout mouse project and has extensive core facility services. Candidates would be expected to make extensive use of mice in their research but might work in human genetics or with other model organisms; areas include models of human disease, developmental biology, neuroscience, or cancer genetics.
- **Bioinformatics** – The Department is seeking leaders broadly in bioinformatics. Individuals should have demonstrated expertise in studying large scale genetic and genomic data and may involve computational methods, analysis of large datasets, and development of analytical pipelines.

Appointments will be at the **Assistant, Associate**, or **Full Professor** levels depending on experience. Qualified applicants should email a .pdf version of their curriculum vitae and cover letter stating position to which they are applying to: Department of Molecular and Human Genetics, Baylor College of Medicine, One Baylor College of Medicine, ABBR Room R830, Houston, TX 77030; Phone: 713-798-5443; Fax: 713-798-8515; Email: mhgfacultyrecruits@bcm.edu.


University of Massachusetts Medical School

Faculty Positions Program in Systems Biology

The Program in Systems Biology at the University of Massachusetts Medical School invites applications from outstanding candidates for a Tenure-Track Assistant/Associate Professor or 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: Quantitative Biology, Network Biology, Single Cell Systems Biology, Genome Biology, Evolution and Variation, Systems Biology of Human Disease, Proteomics, Metabolomics, Microbiota Research. Exceptionally strong candidates in other areas will also be considered.

The University of Massachusetts 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 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, extensive shared equipment, 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 (Position ID #60828). 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. The deadline for applications is November 1, 2015.

Inquiries, but not application materials, may be directed to Professors A.J. MarianWalbout (marian.walbout@umassmed.edu) or Job Dekker (job.dekker@umassmed.edu).

UMass Medical School is committed to being an Equal Opportunity and Affirmative Action Employer and recognizes the power of a diverse community. We encourage applications from protected veterans, individuals with disabilities and those with varied experiences, perspectives and backgrounds to consider UMass Medical School as their employer of choice.
The Department of Genetics invites applications for a faculty position (open rank) in bioinformatics or statistical genomics with a research focus on the development and implementation of novel analytical approaches to integrate large-scale omics datasets. Efforts should focus on the functional impact of disease-associated causal sequence variants, with special emphasis on the integration and annotation of genomic, proteomic, and metabolomic data. The new faculty member is expected to interact with and complement current research programs in cardiovascular disease, metabolic disorders (diabetes, obesity, fatty liver disease), infectious disease, and parasite genetics.

The Department of Genetics at the Texas Biomedical Research Institute, a private non-profit research institute in San Antonio, TX, is focusing on understanding genetic regulation and modulation of cellular function and dysfunction that influence human health and disease. The Department supports state-of-the-art facilities, including a high-performance parallel computing cluster to support genomics, proteomics, metabolomics and bioinformatics analyses of large and complex datasets, and high-throughput facilities in genomics, proteomics, and metabolomics. The new faculty member will have access to existing datasets on human and non-human primate cohorts, with comprehensive transcriptomic, DNA methylation, proteomic, and metabolomic profiling data from studies on the genetics of cardiovascular and metabolic disorders.

The new faculty member is expected to develop and maintain an independently funded research program, contribute to existing research activities, and develop new collaborative research programs within the Department, at Texas Biomed, and with investigators outside the institution.

Qualified applicants must have a doctoral degree in any biological discipline, statistics, or computational sciences, and proven record of a federally funded independent research, as evidenced by appropriate funding and publications. Demonstrated experience in analysis and interpretation of large-scale sequence data, and integrated analysis of transcriptomic, proteomic, or metabolomic data is expected. Experience in high performance computing will be highly beneficial.

For inquiries, please contact the Chair of the Department of Genetics, Dr. Michael Olivier (molvier@txbiomed.org). Interested candidates should submit a CV, a description of research interests, and a summary of current and past research programs to the Chair, Bioinformatics Search Committee, c/o Human Resources Office, Texas Biomedical Research Institute, P.O. Box 760549, San Antonio, Texas 78245-0549, or apply online for position 15-065 at http://www.txbiomed.org/about/employment. EOE.

**FACULTY POSITIONS**

*Assistant Scientist*

The Department of Genetics invites applications for a faculty position as ASSISTANT SCIENTIST (Assistant Professor equivalent) in the area of functional genomics. Research focus should be on the development and application of laboratory methodologies to explore the functional role of disease-associated genetic variants in humans or non-human primate models for cardiovascular disease, metabolic disorders (diabetes, obesity, fatty liver disease), or infectious disease.

The Department of Genetics at the Texas Biomedical Research Institute, a private non-profit research institute in San Antonio, TX, is focusing on understanding genetic regulation and modulation of cellular function and dysfunction that influence human health and disease. The Department supports state-of-the-art facilities, including a high-performance parallel computing cluster to support genomics, proteomics, metabolomics and bioinformatics analyses of large and complex datasets, and high-throughput facilities in genomics, proteomics, and metabolomics. The new faculty member will have access to existing datasets on human and non-human primate cohorts, with comprehensive transcriptomic, DNA methylation, proteomic, and metabolomic profiling data from studies on the genetics of cardiovascular and metabolic disorders.

The new faculty member is expected to develop and maintain an independently funded research program, contribute to existing research activities, and develop new collaborative research programs within the Department, at Texas Biomed, and with investigators outside the institution.

Qualified applicants must have a doctoral degree in any biological discipline, and proven expertise in human disease genetics, genomics, and technology development, as evidenced by appropriate publications. Experience in chromatin biology, sequencing, and integrated genetic analysis of transcriptomic, proteomic, or metabolomic data will be highly beneficial. For inquiries, please contact the Chair of the Department of Genetics, Dr. Michael Olivier (molvier@txbiomed.org). Interested candidates should submit a CV, a description of research interests, a summary of past research experience, and a list of references to the Chair, Bioinformatics Search Committee, c/o Human Resources Office, Texas Biomedical Research Institute, P.O. Box 760549, San Antonio, Texas 78245-0549, or apply online for position 15-066 at http://www.txbiomed.org/about/employment. EOE.

*UMASS Medical School*

Tenure-track Faculty Position

**Department of Neurobiology**

The Department of Neurobiology at the University of Massachusetts Medical School, established in 2001, has assembled a group of outstanding faculty with a focus on the genetic and molecular mechanisms of brain function. This group is unique in that it crosses many boundaries in the use of genetic model systems to study fundamental and interrelated areas in neuroscience including synapse development, function and plasticity, neural circuit development, maintenance and function, sensory transduction, glial cell biology and complex behaviors. The Department of Neurobiology serves as the administrative home for the interdepartmental Graduate Program in Neuroscience, with over 50 faculty members. The laboratories for the Department are housed on one floor of a state-of-the-art, 340,000 sq ft research building. The Department is initiating an important expansion of its research program. **Thus, we solicit applications for a tenure-track position at all levels.** We seek individuals of outstanding potential or demonstrated excellence in study of the nervous system. Specific areas of emphasis include, but are not limited to, cellular and molecular neuroscience, sensory processing, developmental neuroscience, brain physiology, and behavior. The positions are highly competitive with regard to start-up funds, laboratory space, and salary. Rank will be commensurate with ability and experience.

Applicants should upload a cover letter, CV, research statement and publication list to: https://academicjobsonline.org/ajo/jobs/5909. To expedite the review process, applicants should also invite three individuals who are familiar with their work and potential for success to upload their recommendation letters. Please refer any questions regarding the search to: Dr. Patrick Emery, Chair of Faculty Search Committee, Professor of Neurobiology, University of Massachusetts Medical School, 364 Plantation Street, Worcester, MA 01605-2324; patrick-emery@umassmed.edu.

Visit Neurobiology at: http://www.umassmed.edu/neurobiology/

As an Equal Opportunity and Affirmative Action Employer, UMass recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspective and backgrounds.
Assistant Professors – Physiology
The Department of Biological Sciences at California State University, Long Beach (CSULB) invites applications for two tenure-track Assistant Professor positions starting August 17, 2016. CSULB has a long tradition of training undergraduates and Masters students for careers in science by involving students in productive research and through a commitment to a scholarly approach to pedagogy. We have a diverse student body and our goal is to be a leader in placing students from groups underrepresented in science into research careers. We have a vibrant research community and excellent research facilities. The successful candidate will be expected to develop an externally funded research program involving undergraduate and MS students and teach at the undergraduate and graduate levels. Applicants must have a PhD and postdoctoral experience.

Integrative Physiology
We seek broadly trained applicants investigating basic and/or translational systems physiology, in model or non-model organisms. For further information, please see the position description at http://www.csulb.edu/divisions/aa/personnel/jobs/posting/2332/index.html. Screening of applications will begin October 15, 2015.

Comparative Physiology
We seek broadly trained applicants investigating comparative physiology, in non-model organisms. For further information, please see the position description at http://www.csulb.edu/divisions/aa/personnel/jobs/posting/2337/index.html. Screening of applications will begin October 15, 2015.

CSULB is an Equal Opportunity Employer.

Faculty Position in Rare Diseases
Rare Disease Research. We invite applications for an endowed, junior chair in rare diseases in the Boler-Parseghian Center for Rare and Neglected Diseases. We seek outstanding faculty candidates who use integrative and innovative approaches to study rare diseases, but we particularly encourage applications in areas of immune dysfunction, neurological, visual disorders and rare cancers. Applicants must have a Ph.D., postdoctoral experience, an established record of research accomplishments with strong impact on rare diseases, using multidisciplinary approaches such as molecular/chemical biology, systems biology, animal/cell-based models and/or disease dynamics in human populations. Hiring is expected at the Assistant Professor level. Apply at http://apply.interfolio.com/31396

Multiple Faculty Positions in Ecology, Evolution, or Environmental Change
The Department of Biological Sciences at the University of Notre Dame invites applications for multiple, open-rank, tenure-track faculty positions that will enhance existing excellence in ecology, evolution, and environmental change. We are searching broadly for creative and collaborative individuals (1) working at any spatial scale, from local to global, (2) studying any level of biological organization, from genes to ecosystems, and (3) using any mode of inference, from empirical to theoretical. Applicants should demonstrate research excellence that crosses traditional disciplinary boundaries; ongoing growth in the department will emphasize new hires that use quantitative and/or integrative approaches to study biological processes. Successful candidates will benefit from Notre Dame’s 3000-ha field station which is home to NEON’s Great Lakes domain (http://underc.nd.edu), superb on-campus analytical facilities (e.g., http://www.cest.nd.edu, http://genomics.nd.edu), cross-disciplinary interaction through the Environmental Change Initiative (http://eci.nd.edu), and unique Interdisciplinary Graduate Training (http://reilly.nd.edu/globes/).

Qualified individuals should submit a cover letter, curriculum vitae, separate statements of research and teaching interests, and the names of three referees to: http://apply.interfolio.com/31402. Review of applications will begin on October 15, 2015 and continue until suitable candidates are identified.

The University of Notre Dame, an international Catholic research university, is an Equal Opportunity Employer.
The University of Science and Technology of Suzhou is Recruiting High-end Talents in Key Disciplines

Located in the south of Jiangsu Province and the middle of the Yangtze River Delta, Suzhou City sits with the neighbors of Shanghai Metropolitan and Zhejiang Province. Well known for its long history and rich culture, Suzhou was listed as one of the top cities livable in China in 2012. The University of Science and Technology of Suzhou (USTS) is a comprehensive center of higher education situated in the center of the National High Tech Development Zone just to the west of Suzhou’s Old Town. The USTS was established by Chinese central and Jiangsu local government after combining Suzhou Institute of Urban Construction and Environmental Protection (SIUCEP) and Suzhou Railway Teachers College (SRTC) in September 2001, and both of which were formed in early 1980’s. It is now administrated primarily by Jiangsu government.

USTS provides well-established 58 programs at the baccalaureate in science, engineering, literature, history, philosophy, law, management, education, arts and economics etc. 15 and 55 of them are first- and second-level master programs. Three disciplines are selected as key disciplines in Jiangsu Province, including the Civil Engineering and Environmental Engineering (subject group), Urban & Rural Planning and Management, and Environment Functional Materials and Technology. It also has 4 key provincial disciplines in Civil Engineering, Urban and Rural Planning, World History, and Landscape Architecture. Additionally, USTS is home to 3 national level specialty disciplines, 6 provincial level specialties and 8 provincial key specialties. The university now has 5 provincial-level humanities and social sciences research bases and 9 provincial-level experimental teaching demonstration centers. It also has other excellent public service facilities and resources such as a provincial-level engineering center, a provincial-level technical service platform, a provincial-level colleges and universities social science study base, a university science park, and an enterprise academician workstation. Our industry-oriented service will focus within Suzhou, covering the whole province and reaching the nation. USTS implements five strategies as “rejuvenating with talents, building with quality, prospering with specialty, promoting with services and harmonizing with culture.” Accordingly, it is striving to make itself a base for bringing up high quality applied talents, high-level applied research, top policy-making consulting and high grade culture development serving for the local and industrial development. USTS is endeavoring to develop itself to be a high level local university in the near future with distinctive characteristics in school operation, with a growing national reputation, with significant influence in Jiangsu Province and with a leading position among similar universities in China.

I. Talent Requirements

Positions are available for the following university’s leading disciplines in Architecture, Urban and Rural Planning, Landscape Architecture, Environmental Science and Engineering, Municipal Engineering, Civil Engineering, Material Science and Engineering, Public Management, History and other related disciplines and specialties (“talent” is official Chinese parlance for individuals with proven exceptionality in their respective fields). Requirements for these positions are as follows:

1. Minimum of two consecutive years of working experience as an associate professor or equivalent in well-known overseas universities or research institutions following receiving his/her Ph.D. abroad (or four plus years of working experience overseas following receiving his/her Ph.D. in China).

2. Age of under 50 is preferable, but flexible for candidates with outstanding overseas experience.

3. Capable of grasping the trends and directions of development in the his/her field of the discipline, developing a fundamental, strategic and prospective research program, securing funding for undertaking significant science and technology research projects from the national government in accordance with the strategic needs of the country and the international scientific and technological fronts.

4. Having a well-established research record in the field of the discipline, which is internationally-recognized, such as published articles in influential academic journals, mastered key technologies and important patents, etc.

5. Capable of leading a research team to carry out scientific researches comparable international levels of excellence and achieving scientific research progress drawing attention from peers domestic and abroad.

6. Actively cultivating young faculty, promoting international academic exchange, and conducting productive collaborative researches with related organizations in China and abroad.

7. Scrupulously abiding by academic morality, professional ethic moral integrity and rigorous scholarship.

II. Level of Talents

1. Level A: Candidates to be nominated as a member of the Chinese Academy of Sciences.

2. Level B: Distinguished professors selected by “1000 Talent Plan” and “Changjiang Scholars Program”, or the national Outstanding Youth Science Foundation.

III. Salaries and Benefits

1. The salary for Level A talents will be negotiated on a case-by-case basis. An annual salary of ¥1,000,000 Yuan (RMB) is offered for Level B Talents.

2. An apartment of 135-240 ㎡ will be provided, the property right of which can be transferred to the talent after the completion of the employment term. An appropriate sum to move will also be provided.

3. A start fund of ¥500,000 Yuan (RMB) to 1,000,000 Yuan (RMB) will be provided for scientific research.

4. Can form a research team with assigned personnel or with autonomously recruited personnel.

5. Office and research space will be provided.

6. Residential matters, visa affairs, settling and children’s school admission can be settled properly, job position for spouse can also be arranged, as well as benefits including insurance and medical care will be offered in accordance with relevant regulations of the official policies.

7. The university actively assists top talents when they apply for national and provincial talent projects, and the winners can enjoy simultaneously the fund and correlated benefits offered by both the central and local government.

IV. Contacts

USTS home page: http://web.unts.edu.cn
Mailing Address: High Level Talent Office, University of Science and Technology of Suzhou (No. 1 Kun Fu Road, High-Tech Zone, Suzhou, Jiangsu Province, China, 215009)
Postal Code: 215009
Telephone Number: 86-512-68090233, 86-512-68092996
Email: ghz@mail.unts.edu.cn
Contact Persons: Ms. Zhang, Ms. Cheng

Welcome you to join us for a brighter future!

Overseas Talents Recruitment

Nanjing Tech University, with a history of more than one hundred years, is a multidisciplinary university with a particular strength in engineering.

Aiming at excellence and innovation, Nanjing Tech University is set to become a first-class research university with a global vision. We are now seeking outstanding academic and research leaders in the following and related fields: Basic disciplines from within the Physical Sciences; Cutting edge disciplines from within the Life Sciences; Disciplines from within the Information Sciences; Humanities represented by Management Science.

Applicants should have a Ph.D. with at least 3-years research experience from leading universities or institutes. Candidates should demonstrate an internationally recognized research record and outstanding achievements. Successful candidates are expected to develop vigorous research programs and lead an independent research team. Successful candidates will be provided with a competitive relocation fee and salary package, generous start-up funds and spacious laboratories.

Interested candidates should visit http://rzcby.njtech.edu.cn for application details.

Phone: Ms. Wang +86-25-58139148.
E-mail: job@njtech.edu.cn

Facility Positions available at Hohai University, Nanjing, China

Hohai University invites applications for faculty positions at the assistant, associate, or full professor level in the area of engineering, science, economics, management, liberal arts, and law. Applicants should have a doctoral degree from a prestigious university. For the complete job announcements and directions on how to apply, visit: rsc.hhu.edu.cn or contact the Department of human resource at 86-25-83786205.

Hohai University, founded in 1915, wins its worldwide reputation on the research of Water Science& Civil Engineering&Environment Engineering. It is a National key university of China, and among the universities of the National “211 Project” and Innovation Bases of the National “985 Project”. Hohai University aims to be a research oriented university.
Donghua University, located in Shanghai, is one of the key universities under the direct administration of the Ministry of Education since 1960. It is a member of Project 211. It has three campuses, in Songjiang District and Changning District, with an area of nearly 2,000 acres. Donghua University was founded in 1951 as East China Textile College. In 1985, it changed its name to China Textile University, and to its present name, Donghua University in 1999. It is one of the first universities accredited by the Ministry of Education for granting the doctor, master and bachelor degrees.

Donghua University has developed into a distinctive multi-disciplinary university, with engineering as the predominant discipline alongside the coordinated development of engineering, science, management, and the liberal arts disciplines in the past 60 years. The university has 5 post-doctoral research stations, 7 first-grade authorized doctoral programs, 24 first-grade authorized master programs, 8 categories of professional masters, 17 authorized master programs of engineering and 56 majors for undergraduates in about 10 different disciplines. The university has 1 First-Grade National Key Discipline, 5 Second-Grade National Key Disciplines, 1 National Key (Cultivating) Discipline, 7 Shanghai Key Disciplines, 12 national and provincial or ministerial level scientific research bases, 2 bases of the Discipline Innovative Engineering Plan launched by the Ministry of Education and 1 National University Science Park. The university now has about 30,000 enrolled students, including about 15,000 undergraduates, 6,000 graduates, 5,000 continuing education diploma students, and 4,000 foreign students. The university boasts about 2,300 faculty and staff members. Among the 1,200 faculty members, there are 8 academicians in the Chinese Academy of Sciences or the Chinese Academy of Engineering, and over 800 senior professors including winners of the National Thousand-Talent Project, the Changjiang Scholar Project, and the National Science Fund of Distinguished Young Scholars.

- Positions offered by the Recruitment Program of Global Experts (1000 Plan Professorship)
- Positions offered by the Chang Jiang Scholars Program
- Positions offered by the Recruitment Program of Global Young Experts (1000 Plan Professorship for Young Talents)
- Positions offered by the Chang Jiang Young Scholars Program
- Positions offered by Donghua University Distinguished Research Fellow
- Positions offered by Postdoctor

Interested individual should send curriculum vitae by email to rcb@dhu.edu.cn. For more information, please visit the university Human Resource Department website http://web.dhu.edu.cn/rcbdhu/ , or contact us by email rcb@dhu.edu.cn or by telephone 021-67762043.

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2015~2017 High-level Talent Introduction Announcement of Northeast Forestry University

Established in 1952 and located in Harbin - beautiful “Ice City”, Northeast Forestry University is in national “211 Project” directly under the Ministry of Education of the People’s Republic of China and key construction projects of “Advantage Discipline Innovation Platform”. It is a multidisciplinary university integrating agriculture, science, industry, economics, management, culture, law, medicine and art with forestry science as advantage and forestry engineering as specialty.

To further improve the overall level of teaching staff and achieve a research university with international standards, we hereby looking for talents sincerely and mainly introducing excellent domestic and foreign talents with important complementary and supporting functions for the construction of subjects and talent teams.

I. Subject Areas for Recruitment:

II. Recruitment Plan

1. Leading Talents or Teams: to introduce leading talents or teams with international advanced level and competitive capacity in distinctive disciplines of the university and national key disciplines.
2. Distinguished Young Scholars: distinguished domestic and foreign young scholars who have published high cited academic paper in the top-level publication of related fields, with the potential to be selected into talent projects such as Thousand People Plan, National Science Fund for Distinguished Young Scholars, Thousand People Talents Plan and Tens of Thousands of People Plan, or personnel with academic title of associate professor in overseas famous colleges and universities and above or personnel equivalent to the level of researchers in overseas famous research institutions; age under 45, and 45 for the excellence.
3. Excellent Young Scholars: excellent domestic and foreign young scholars who have published high cited academic paper in the top-level publication of related secondary discipline, with the potential to be selected into talent projects such as Provincial Science Fund for Distinguished Young Scholars, Longjiang Scholars and Provincial Excellent Young and Middle-aged Experts; age under 35, and 40 for the excellence.
4. Young Backbone: domestic and foreign young backbone who have published high cited academic paper in the top-level publication of related secondary discipline, with the ability of winning National Science Foundation of China and Philosophy and Social

Science Foundation of China and great development potential in academy and scientific research; age under 35.
5. Excellent Young Teachers: doctors with strong ability of teaching and scientific research; age under 35.

III. Treatment

1. Leading Talents: appointed to the post of professor;
2. Distinguished Young Scholars: appointed to the post of professor;
3. Excellent Young Scholars: appointed to the post of assistant professor;
4. Young Backbone: appointed to the post of associate professor or lecturer;

The university will provide salary standard, scientific research startup fund and house purchase subsidies according to the level of talent introduction.

IV. Further Details and Contact Information

Please check the following links for more details about the recruitment plan:
For official website, please check:
http://www.nefu.edu.cn

Contact Person:
Mr. Zhang Chundie (Tel: 86-451-82190165)
Mr. Li Guoliang or Ni Songyuan (86-451-82190404, 82191327)
Email: refuge@nefu.edu.cn
TENURE-TRACK ASSISTANT PROFESSOR in Scientific Ecological Anthropology
The University of California, Santa Barbara, Department of Anthropology, Integrated Anthropological Sciences (IAS), seeks a Scientific Ecological Anthropologist for a tenure-track position at the ASSISTANT PROFESSOR level. Possible specializations include human ecology, behavioral or evolutionary ecology, cooperation and common pool resources, indigenous resource management, dual inheritance theory, ethnobiology, subsistence economics, reproductive ecology, ecological genetics, life history theory, demography and epidemiology. For primary consideration submit application and materials on or before October 15, 2015. See website: http://recruit.ucsb.edu/applications/JPFO0530 for more details.

TENURE-TRACK FACULTY POSITION IN BIOCHEMISTRY & MOLECULAR BIOPHYSICS at Kansas State University
The Department of Biochemistry and Molecular Biophysics at Kansas State University (website: http://www.k-state.edu/bmb/) in Manhattan, KS, invites applications for a tenure-track position at the ASSISTANT PROFESSOR level, to begin in August 2016. Applicants must have a Ph.D. or equivalent degree and postdoctoral experience. We will also consider highly qualified candidates at the ASSOCIATE PROFESSOR level who have an established, extramurally funded research program. The position includes an attractive salary and start-up funding, as well as health and retirement benefits. We desire applicants with research interests and experience that complement and enhance existing programs, including, but not limited to insect/virus biochemistry, molecular oncogenesis, membrane transport, physical/structural biochemistry, protein structure/function, infectious disease/pathogenesis, and computational biochemistry. The department seeks individuals who will sustain a strong, externally funded research program and excel in teaching a diverse population of undergraduate and graduate students (website: http://www.k-state.edu/bchm/department/employment/index.html for additional information). Applicants may submit their curriculum vitae, a statement of research and teaching, and selected reprints to e-mail: BMBrch@ksu.edu; please obtain three letters of reference and send them to the same e-mail address. Review of applications will begin on October 15, 2015 and continue until the position is filled. A background check is required for all new employees. Kansas State University is an Equal Opportunity Employer and actively seeks diversity among its employees.

INTEGRATIVE MICROBIOLOGY INTEGRATIVE AQUATIC ECOLOGY
The Department of Biology at the College of William & Mary seeks applications for two tenure track positions at the Assistant Professor level; one in Integrative Microbiology and the other in Integrative Aquatic Ecology, to begin August 10, 2016. Applicants must hold a Ph.D. For full consideration, submit application materials online by the review date: Microbiology (November 2, 2015): website: jobs.wm.edu/postings/22245; Aquatic Ecology (October 22, 2015): website: jobs.wm.edu/postings/22156. Applications received after the review date will be considered if needed. The College of William & Mary values diversity and invites applications from underrepresented groups who will enrich the research, teaching and service missions of the university. Additional information on the biology department and this position may be obtained at: www.wm.edu/biology. The College is an Equal Opportunity/Affirmative Action Employer and conducts background checks on applicants for employment.

FACULTY POSITION BIOCHEMISTRY/CHEMICAL BIOLOGY
The Department of Biochemistry and Molecular Biology at the Drexel University College of Medicine invites applications for a tenure-track faculty position at the Assistant or Associate Professor level. We seek inter- active individuals who are using biochemical, chemical, and/or biophysical approaches to investigate molecular and structural mechanisms of important problems in biology. Applicants whose research complements existing strengths in the department are especially encouraged to apply; these strengths include protein structure/function, inhibitor and drug design, mechanistic enzymology, cell signaling, virus-host interactions, and cancer cell metabolism. The Department offers a collegial and stimulating environment with many opportunities for collaboration and excellence facilities (http://www.drexelmcd.edu/biochemistry). Competitive startup funds are available. Successful candidates will have a Ph.D. and/or MD, relevant post-doctoral experience, and a strong record of research accomplishments. Faculty are expected to establish rigorous, independent, and well-funded research programs and to make significant contributions to graduate and medical education.

The Drexel University College of Medicine is one of the nation’s largest private medical schools, and is located in Philadelphia, PA. Drexel University is ranked among the top 100 universities in the nation, and was named as one of the top ten “Up-and-Coming” national universities in the 2015 US News College Rankings.

To apply, please submit a single PDF containing Curriculum Vitae, statement of research interests, and a statement of teaching philosophy to email: PLo@DrexelMed.edu, including the words “Biochem/ChemBio Search” in the subject line. Also, please arrange to have three letters of reference sent to the same email address.

YALE UNIVERSITY DEPARTMENT OF CHEMISTRY
The Department of Chemistry, Yale University, New Haven, Connecticut invites applications for a tenure-track position at the ASSISTANT PROFESSOR level to commence 1 July 2016. We seek creative teacherscholars who show promise for developing outstanding research programs. The Department is especially interested in any area of chemistry, we are especially interested in applicants whose research makes strong use of computational and theoretical methods. Applicants should send the curriculum vitae, a statement of research interests and arrange for the submission of three letters of recommenda- tion. Please submit all material through website: apply.interfolio.com/31025. A review of applications will begin October 1, 2015.

Yale University is an Equal Opportunity/Affirmative Action Employer and encourages applications from women, persons with disabilities, underrepresented minority group members, and protected veterans.

The University of Kansas, School of Pharmacy, seeks an ASSISTANT/ASSOCIATE/FULL PROFES- SOR (tenure track) in Medicinal Chemistry to commence in the fall semester (August 2016) or as negotiated. Candidates should have a Ph.D. in Medicinal Chemistry, with experience in drug discovery. The position is a tenure-accumulating position in any area of medicinal chemistry, including, but not limited to, medicinal chemistry, organic chemistry, biochemistry, or a closely related field. See detailed position description and application instructions at website: https://employment.ku.edu/Faculty/38948R. Application review begins October 19, 2015 and continues until position is filled. University of Kansas is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy), age, national origin, disability, genetic information or protected Veteran status.

DEPARTMENT OF CHEMISTRY UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
The Department of Chemistry at the University of North Carolina at Chapel Hill invites applications for a tenure-track assistant professor faculty position in organic chemistry with a focus in chemical biology and/or synthetic polymer chemistry, broadly defined. Candi- dates should have a Ph.D. and have demonstrated independent research and teaching excellence at both the graduate and undergraduate levels. The Department and University are broadly committed to equity and inclusion. It is part of our institutional mission to teach and engage a diverse community of undergraduate and graduate students, and postdoctoral scholars. We especially welcome applications from candidates who are com- mitted to advancing these ideals. Applications will only be accepted electronically. Applicants should submit a cover letter, curriculum vitae, research plan, teaching statement, and 1-2 representative publications (optional) to: http://unc.peopleadmin.com/postings/82980.

Applicants are required to identify the names, titles, email addresses and phone numbers of professional references (four) when applying. Reference providers identified by the applicant will be contacted as needed. Candidates should send letters of support from products chemistry, medicinal chemistry, organic chemi- stry, biochemistry, or a closely related field. See detailed position description and application instructions at website: https://employment.ku.edu/Faculty/38948R. Application review begins October 19, 2015 and continues until position is filled. University of Kansas is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy, age, national origin, disability, genetic information or protected Veteran status).

Lycoming College invites applications for two tenure- track Assistant Professor positions in the Biology Department beginning fall 2016. In addition to specialization described below, teaching responsibilities for both positions may include majors and/or non-majors introductory courses. Candidates will be expected to develop research programs involving undergraduate students. Ph.D. required in ABD considered.

Aquatic Ecology Position Summary: Teaching re- sponsibilities will include Ecology, Aquatic Biology, In- vertebrate Zoology, and one or more upper-level courses in the Environmental Science minor. Participation in the Lycoming College Clean Water Institute and to contribute to the Environmental Science minor.

Anatomy Position Summary: Teaching responsibilities will include Human Anatomy, and one or more upper- level courses in the candidate’s area of interest that could include Physiology and/or Developmental Biology.

To Apply: Electronic submission of application materials required. Candidates should submit cover letter, separate statements of teaching philosophy and research interests, curriculum vitae, graduate and undergraduate transcripts, and contact information for three individuals who will submit confidential recommendation letters to e-mail: jobs@lycoming.edu. Recommendation letters should be requested by the candidate at least 2-3 weeks prior to the deadline. Letters should be sent directly from the writers to the search committee. Please reference “Ecology” or “Anatomy” and the candidate’s name in the subject line of the e-mail for candidate materials and letters of reference. Review of applications will begin immediately and continue until the position is filled; priority will be given to completed applications received by October 15, 2015.

Lycoming College is a National Liberal Arts College with about 1,400 students located in Williamsport, PA (website: http://www.lycoming.edu). Williamsport is a small city of approximately 30,000 that is nestled in the mountains of northern central Pennsylvania. Williamsport is centrally located, close to the cities of New York City, Washington DC, and Philadelphia and offers ample opportunities for cultural entertainment and outdoor recreation.

Post-offer, pre-employment drug screen conducted. Equal Opportunity Employer.

The College is an Equal Opportunity Employer.

DEPARTMENT OF BIOLOGY at the University of North Carolina at Chapel Hill invites applications for a tenure-track assistant professor position in Botany, with specialization in Plant Molecular Biology, Plant Development, Plant Pathology, Plant Ecology, Genomics, or Evolutionary Biology of Plants. The Department and University are committed to diversity in our teaching and research programs and especially encourage applications from candidates who are committed to this goal. Applications will be accepted until the position is filled. To apply, candidates should submit a letter of application addressing research and teaching expertise and goals, a complete curriculum vitae, a statement of teaching philosophy, and a statement of research interests and goals. Applications should also include a list of three possible references. Inquiries may be directed to Dr. Donald L. Tucker, Chair, Department of Botany and Plant Biology, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-3290, e-mail: chemsearch@unc.edu.

The University of North Carolina at Chapel Hill is an Equal Opportunity Employer that welcomes all to apply, including protected veterans and individuals with disabilities.
Institut Curie is a private, non-profit, charitable foundation dedicated to fundamental, translational and clinical cancer research as well as cancer patient’s care. Institut Curie offers a unique scientific and medical environment with internationally recognised research in biology, genetics, soft matter physics, organic and medicinal chemistry as well as a dedicated cancer hospital complex with a strong focus on innovative early phase clinical trials. The institute facilities include an advanced imaging platform for cell and small animal imaging, next generation sequencing, genomics, proteomics and mass spectrometry, small molecule collection platform, bioinformatics, animal housing, automated-imaging cell-based facility... as well as large clinical databases and tumour sample collections.

To strengthen its translational research department and foster the links between basic research and patient care, Institut Curie is seeking to recruit outstanding translational research teams in major translational research areas including molecular pathology, assessment and biology of the metastatic spread, genetic susceptibility factors, radiobiology, preclinical and early clinical trials including those based on immunological approaches. A special interest will be given to groups dedicated to breast cancer research. Applicants should be MDs with PhD or with equivalent research experience. They are expected to contribute to patient management in the clinical departments and spend a significant part of their time in the laboratory. Application by PhDs may be considered if excellent links with clinical activity can be demonstrated.

A lab space of approximately 50m² and an initial support package including salary for the PI and for a post-doc will be provided as well as access to platforms and shared infrastructures. Applications should include a CV (with a list of publications and invited conferences), a summary of scientific and medical achievements (1-2 pages), a research plan (3-5 pages) and letters of recommendation. Applications should be sent to:
Dr Olivier Delatre, Deputy Director for Biomedical Research
Dr Sergio Roman Roman, Head of the Translational Research Department
Mail contact: ao.siric@curie.fr
Deadline for applications: 30th November 2015 (interviews planned in February 2016)

If you’re ready for your next step, join us. Visit amgen.com/careers, Career Category “Postdoctoral”.

Amgen is an Equal Opportunity employer and will consider all qualified applicants for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, or disability status.
CHEMICAL BIOLOGY FACULTY POSITION
Boston College
Chemistry Department

The Chemistry Department of Boston College invites applications for a tenure-track position to be effective in the fall of 2016. 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 students, 20 postdoctoral fellows, 200 undergraduate majors, and an internationally recognized faculty.

Assistant Professor in the area of Chemical Biology requires a Ph.D. in Chemistry or related areas, postdoctoral experience recommended. The candidate is expected to have published in top refereed journals and demonstrated the ability to perform outstanding independent research.

Interested applicants must submit a cover letter (which includes the names of three references), a graphical executive summary of research plans (one page), curriculum vitae, a summary of research plans (eight pages maximum), a statement of teaching philosophy and arrangements to have three letters of reference submitted via the online faculty application at website: http://apply.interfolio.com/30499.

All application materials must be submitted electronically on or prior to October 15, 2015.

Boston College, a university of eight schools and colleges, is an Equal Opportunity Employer and supports Affirmative Action.

FACULTY POSITION IN MOLECULAR, CELLULAR AND DEVELOPMENTAL BIOLOGY

The University of Colorado offers an Equal Opportunity Employer and supports Affirmative Action.

The University of Colorado Boulder invites applications for a tenure-track/tenured assistant or associate professor position in the Department of Molecular, Cellular and Developmental Biology. We seek to hire an outstanding scientist in molecular or cellular biology. Candidates working in molecular, cellular and/or systems biology of bacteria or on functional analysis of microbes in microbiomes or pathogenesis are particularly encouraged to apply. The successful candidate will be expected to develop a creative and innovative research program to provide research training for graduate and undergraduate students. A Ph.D. or M.D., post-doctoral research experience and a strong publication record are required.

Submit a Curriculum Vitae, statement of research and teaching interests, and contact information for three references electronically at website: www.jobsatcu.com. Applications will be reviewed beginning October 15, 2015 until the position is filled.

The University of Colorado is an Equal Opportunity Employer committed to building a diverse workforce. We encourage applications from women, racial and ethnic minorities, individuals with disabilities and veterans. Alternative formats of this ad can be provided upon request for individuals with disabilities by contacting the ADA Coordinator at e-mail: hr-ada@colorado.edu.

CELL AND MOLECULAR BIOLOGIST

The Department of Biological Sciences, California State University, East Bay (CSUEB), seeks a Cell and Molecular Biologist for appointment to a tenure-track position at the level of ASSISTANT PROFESSOR beginning Fall 2016. First consideration will be given to applicants who use genetic approaches to dissect elements of pathway or mechanism in the appropriate eukaryote or prokaryote. The position requires the ability to balance teaching demands within the Cell and Molecular undergraduate and Master’s degree curricula with the productive management of a student-centered research lab within the culturally diverse intellectual community that is CSUEB. A Ph.D. and postdoctoral experience are required. Submit a letter of application, curriculum vitae, and a research statement and teaching plan to: Cell and Molecular Search Committee, OAA 16-17 BIO-CELLULAR/MOLECULAR BIOLOGY, California State University, East Bay, Hayward, CA 94542. Review of applications will begin on October 30, 2015 and will continue until the position is filled.

Direct inquiries to the Chair of the Search Committee: e-mail: claudia.stone@csueastbay.edu

Tulane is an Equal Opportunity Employer/Minorities/Disabled/AF-A.

ASSISTANT PROFESSOR in BIOCHEMISTRY

Utah State University

The Department of Chemistry and Biochemistry at Utah State University invites applications for a tenure-track position in biochemistry at the ASSISTANT PROFESSOR level beginning Fall 2016. The successful candidate will develop a research program that complements at least one departmental focus area (e.g., macromolecular structure and function, catalysis and reaction mechanism). Applicants must have earned a Ph.D. in biochemistry or a closely related discipline and postdoctoral experience is required. The position requires the development of a nationally recognized, externally funded research program and teaching at both undergraduate and graduate levels. Candidates capable of teaching biophysical chemistry are particularly encouraged to apply. Application information can be found on-line at website: http://jobs.usu.edu (REQ ID: F1500082). Evaluation of applications will begin October 26, 2015 and will continue until the position is filled. For further information please visit our website at: http://www.chem.usu.edu. Utah State University is an Equal Opportunity/Affirmative Action Employer committed to assembling a diverse faculty. Women and members of minority groups are strongly encouraged to apply.

PROFESSOR POSITION – VIROLOGY

The University of Texas Southwestern Medical Center Department of Microbiology is seeking a new faculty member in virology at the Assistant Professor (tenure track) level. The appointee will be expected to develop a front rank, competitive, independent research program on a medically relevant viral pathogen(s). The appointee will contribute to the teaching of medical and graduate students. An attractive start-up package, including a competitive salary and generous laboratory space in a new building, is available to conduct research in a highly dynamic environment. Tenure will be considered for UT Southwestern’s $2M Endowed Scholars (start-up) Program, website: (http://www.utsouthwestern.edu/education/programs/nondegree-programs/other-programs/endowed-scholars/index.html).

Candidates should have a Ph.D. and/or M.D. degree with at least 3-4 years of postdoctoral experience and an exceptional publication record. Please send a cover letter, C.V., contact information for three letters of recommendation, and a brief summary of future research to e-mail: VirologySearchCommittee@utsouthwestern.edu.

Assistant Professor

The University of Michigan is recruiting a tenure-track Assistant Professor. We are interested in candidates applying molecular, cellular, genetic and biochemical approaches to address important problems in biology. The department has existing strengths in enzymology, structural biology, signal transduction, development, neurobiology and regulation of gene expression. Ideal candidates will be highly motivated and interactive and will be expected to establish an internationally recognized research program. Qualifications include a Ph.D. and/or M.D. and a strong record of research accomplishments. For further information, see website: http://www.chemistry.umich.edu.

Applications should be assembled into a single pdf and should include a cover letter, a curriculum vitae and a three-page statement of current and future research plans. All materials should be sent via e-mail to Amanda Howard (amanlhed@umich.edu). Candidates must also arrange to have three letters of recommendation sent as PDFs to the above email address. Applications and letters of recommendation will be considered until November 1, 2015.

The University of California is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.

Three Faculty Positions in Neuroscience & Neuroengineering

The University of California Santa Barbara (UCSB) is hiring three faculty in various areas of neuroscience and neuroengineering. This represents the second year of expansion at UCSB in neuroscience, capitalizing on our existing strengths in engineering, physics, computer science, mathematics, cellular and developmental biology, psychological and brain science, materials research, photonics, and evolutionary biology. We will be hiring faculty members committed to interdisciplinary, collaborative research that will transform neuroscience. One Assistant Professor position will be in the Department of Psychology and Brain Sciences. A second Assistant Professor position will be in the College of Letters and Sciences. The College of Engineering will be hiring a third Assistant Professor position for a full, associate or assistant professor. The home departments for the positions in the Colleges of Engineering and Letters and Sciences will be determined based on the applicant’s research area.

Applications will be accepted after September 18, 2015. See website: http://www.BrainUCSB.com for details. Questions can be emailed to queenan@brain.ucsb.edu.

FACULTY POSITION – Virology

The Department of Biological Chemistry at the University of Michigan is recruiting a tenure-track Assistant Professor. We are interested in candidates applying molecular, cellular, genetic and biochemical approaches to address important problems in biology. The department has existing strengths in enzymology, structural biology, signal transduction, development, neurobiology and regulation of gene expression. Ideal candidates will be highly motivated and interactive and will be expected to establish an internationally recognized research program. Qualifications include a Ph.D. and/or M.D. and a strong record of research accomplishments. For further information, see website: http://www.chemistry.umich.edu.

Applications should be assembled into a single pdf and should include a cover letter, a curriculum vitae and a three-page statement of current and future research plans. All materials should be sent via e-mail to Amanda Howard (amanlhed@umich.edu). Candidates must also arrange to have three letters of recommendation sent as PDFs to the above email address. Applications and letters of recommendation will be considered until November 1, 2015.

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

Candidates who are interested in applying should submit a cover letter, curriculum vitae, three letters of reference, a statement of their current and future research plans, and a statement on their commitment to fostering a diverse academic community. Applications should be submitted at the following website: http:// jobs.msu.edu. Questions may be directed to the Chair of the Search Committee at biol-search@msu.edu.
Jefferson Science Fellowship

The National Academies of Science, Engineering, and Medicine is pleased to announce a call for nominations and applications for the 2016 Jefferson Science Fellows program. Initiated by the Secretary of State in 2003, this fellowship program engages the American academic science, technology, engineering and medical communities in the design and implementation of U.S. foreign policy.

Jefferson Science Fellows (JSF) spend one year at the U.S. Department of State or the U.S. Agency for International Development (USAID) for an on-site assignment in Washington, D.C. that may also involve extended stays at U.S. foreign embassies and/or missions.

The fellowship is open to tenured, or similarly ranked, academic scientists, engineers and physicians from U.S. institutions of higher learning. Nominees/applicants must hold U.S. citizenship and will be required to obtain a security clearance.

The deadline for 2016-2017 program year applications/nominations is November 2, 2015. To learn more about the Jefferson Science Fellowship and to apply, visit the website at:

www.national-academies.org/jsf

The National Academies of Sciences • Engineering • Medicine

The Cyprus Institute of Neurology and Genetics has a vacancy for the Bioinformatics ERA Chair Holder (BECH) (Ref: code: 420915)

The Cyprus Institute of Neurology and Genetics (CING) is a bi-communal, non-profit, research, academic, medical centre. It offers high level medical and clinical laboratory services, pursues innovative research and provides advanced education in the areas of Neurology and Biomedical Sciences. CING’s philosophy, in line with the Vision and Mission statements, is summarized by the five core values, Excellence, Social Service, Professionalism, Innovation and Teamwork.

OVERALL PURPOSE: With the Bioinformatics ERA Chair (CING) will establish the first Bioinformatics Chair in Cyprus. The Bioinformatics ERA Chair is funded by the granted EU’s Horizon 2020 project “BIORISE” with a total volume of 2.5 Million Euros. The objective of the BIORISE project is to recruit an internationally recognized Bioinformatics expert who will hold the Bioinformatics ERA Chair and will establish the core Bioinformatics Group at the CING. The aim is to increase and improve the research and innovation performance of the Institute as well as the education and training of the next generation of scientists.

THE POSITION: The Cyprus Institute of Neurology and Genetics has a vacancy for the Bioinformatics ERA Chair Holder (BECH). The successful candidate will head the Bioinformatics Group and provide scientific and technical leadership and assume full responsibility in the management, design and conduct of specialised services, research and educational programmes. He/She will be accountable to the Chief Executive Medical Director of CING and will work in close collaboration with the BIORISE Project Coordinator.

The successful candidate will be offered the following:

- Appointment for 4.5 years with a possibility of extension;
- An attractive remuneration package and a wide range of fringe benefits including medical insurance coverage and retirement provident fund;
- A budget for establishing the Bioinformatics Group (4 Post-Doctoral fellows and 3 PhD Students);
- A start-up package for computer hardware and software;
- Access to existing CING research infrastructure;
- Lab/office space for the Bioinformatics Group

ESSENTIAL REQUIREMENTS:

- PhD in Bioinformatics, Computer Science or Computational Biology or closely related field; and
- A minimum of 6 years post-qualification experience in the field of Bioinformatics; and
- An international reputation based on research excellence in the field of Bioinformatics; and
- Proven ability to design and carry out original and independent research projects that result in publications; and
- Supervisory experience; and
- Good social skills and ability to communicate effectively; and
- Excellent command of the English language

HOW TO APPLY: A single page personal statement, together with a detailed curriculum vitae and a proven track record of publishing and of attracting external funding; and a relevant project proposal outlining the candidate’s vision for executing high caliber Bioinformatics research how this vision fits in with the CING vision, mission and current work; and names of two (2) referees should reach the Institute by Friday 09 October 2015, at the following address: Personnel Office, The Cyprus Institute of Neurology and Genetics, PO Box 23462, 1683 Nicosia, Cyprus or by e-mail at: vacancies@cing.ac.cy, stating the reference code. Short-listed candidates that are based abroad can be interviewed through Skype. Contact person for further information: Ms Anna Michailidou, tel: +357-22392789, e-mail: annam@cing.ac.cy

The Cyprus Institute of Neurology and Genetics is an Equal Opportunities Employer.

The University of Hong Kong is committed to the highest international standards of excellence in teaching and research, and has been at the international forefront of academic scholarship for many years. The University has a comprehensive range of study programmes and research disciplines spread across 10 faculties and over 140 academic departments and institutes/centres. There are over 27,700 undergraduate and postgraduate students who are recruited globally, and more than 2,000 members of academic and academic-related staff coming from multi-cultural backgrounds, many of whom are internationally renowned.

Post-doctoral Fellowships

Applications are invited for a number of positions as Post-doctoral Fellow (PDF) at the University of Hong Kong. Appointments will be made for a period of 2 to 3 years and the appointees must be in post on or before July 31, 2016.

PDF posts are created specifically to bring new impetus and vigour to the University’s research enterprise. Positions are available from time to time to meet the strategic research needs identified by the University. Positions are available in the following Faculties/Departments/Schools/Centres/Units:

- Real Estate and Construction
- Urban Planning and Design
- School of English
- Faculty of Dentistry
- Civil Engineering
- Electrical and Electronic Engineering
- Mechanical Engineering
- School of Biomedical Sciences
- Clinical Oncology
- Centre for Cancer Research
- Centre for Genomic Sciences
- Medicine
- Microbiology
- Orthopaedics and Traumatology
- Pathology
- Surgery
- Centre for Reproduction, Development and Growth
- School of Biological Sciences
- Chemistry

Post-doctoral Fellows

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

Procedures

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

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


The University thanks applicants for their interest, but advises that only candidates shortlisted for interviews will be notified of the application result.

The University is an equal opportunities employer and is committed to a No-Smoking Policy.
Investigator of Molecular Metabolism

The Morgridge Institute for Research invites applicants for the position of Morgridge Investigator with an opportunity for an affiliated position as a tenure-track or tenured faculty member at the University of Wisconsin-Madison.

The Organization: The Morgridge Institute for Research is a premier private, nonprofit research institute affiliated with the University of Wisconsin-Madison. We serve as a central hub for investigators across UW-Madison to work collaboratively on fundamental biomedical questions, and as such offer an extraordinary interdisciplinary work environment. For more information, please visit www.morgridge.org.

The Opportunity: We seek outstanding early- to mid-career scientists to lead vibrant research programs focused on metabolism as part of new campus-wide metabolism research initiative. We are particularly interested in interdisciplinary and collaborative-minded scientists passionate about exploring the basic molecular and mechanistic underpinnings of cellular metabolism and its dysfunction in human disease. The institute intends to hire investigators that employ several distinct experimental approaches to studying metabolic processes, with the goal of maximizing cross-collaboration. These areas of interest include, but are not limited to, metabolomics, large-scale systems & computational biology, mechanistic biochemistry & chemical biology, functional & integrative genomics, and model organism research. Significant scientific resources, including new state-of-the-art metabolism-based core facilities, are being established to support this program and its investigators. Successful candidates will be named Morgridge Investigators and will be eligible for appointment to a tenure track or tenured position in appropriate UW-Madison departments. Morgridge provides an attractive salary and benefits package and, to encourage an aggressive research agenda, offers generous start-up support.

To Apply: Candidates must have a proven track record of high quality research related to metabolism, have outstanding communication skills, and embrace the collaborative and interdisciplinary culture of the institute. Applicants should submit electronic copies of their curriculum vitae and a 2–3 page statement of research interests to: Dr. L. Resar, E-mail: PGPitkinansari@ucsd.edu.

Candidates should send a curriculum vitae with three references to: Dr. L. Resar, E-mail: PGPitkinansari@ucsd.edu.

Curriculum Vitae, and contact information for three references to Infectious Diseases Search Committee c/o Ms. Nora Boyle, e-mail: nora.boyle@childrens.harvard.edu.

Boston Children’s Hospital is an Equal Opportunity Employer; women and minority candidates are encouraged to apply.

POST-DOCTORAL POSITIONS TO STUDY CHROMATIN REMODELING GENES IN CANCER, CANCER STEM CELLS & NORMAL STEM CELLS

Johns Hopkins University School of Medicine, Departments of Medicine, Oncology & Institute for Cell Engineering

Experience with cancer and/or stem cells required. Please send cover letter, curriculum vitae and three references to: Dr. L. Resar, E-mail: lresar@jhu.edu

The Department of Pediatrics, Division of Genetics has an open recruitment for a POSTDOCTORAL POSITION to be filled as soon as possible. The candidate should have an MD or PhD degree and will be involved in the study of pancreatic cancer. Interested candidates should send a curriculum vitae with three references to Dr. Pamela Itkin-Ansari by e-mail: pitkinansari@ucsd.edu.

FACULTY POSITION

Basic Research in Pediatric Infectious Diseases

The Division of Infectious Diseases of Boston Children’s Hospital announces a search for a new faculty member to establish an independent research program. We are particularly interested in research focused on the microbiome and its effects on immunity. Candidates should be early career-stage physician-scientists who are BC/BE in pediatric infectious diseases and who are committed to providing research mentorship to trainees including infectious diseases fellows. The successful applicant will hold a faculty appointment at Harvard Medical School. Outstanding facilities and ample opportunities for collaboration are available within the division, website: (http://www.childrenshospital.org/research-and-innovation/research/divisions/infectious-diseases/) and in the Harvard biomedical community. Please respond with a description of research and goals, Curriculum Vitae, and contact information for three references to Infectious Diseases Search Committee c/o Ms. Nora Boyle, e-mail: nora.boyle@childrens.harvard.edu.

Boston Children’s Hospital is an Equal Opportunity Employer; women and minority candidates are encouraged to apply.
Carnegie Mellon University invites applications for the Director of BrainHub, a global research partnership that harnesses technology to better understand brain and behavior. We seek an active and accomplished scientist with the vision and skills to engage Carnegie Mellon’s unique community of biologists, engineers, behavioral, computational neuroscientists interested in the brain and behavior. Successful candidates will have the experience and expertise to bridge across many disciplines both inside and outside of the university through the directorship of the highly successful scientific and training programs of Carnegie Mellon’s BrainHub initiative http://www.cmu.edu/research/brain/.

The BrainHub Director will oversee the expansion of neuroscience-based research across the university and coordinate communication between Carnegie Mellon scientists, governmental agencies, private foundations, and the public. Both nominations and applications are welcome. Applicants should submit as a single PDF, a cover letter, curriculum vitae, statement of research interest and leadership vision, and names of four professional references to BrainHub Director Recruitment Co-Chairs: Alison Barth and Michael Tarr to BrainHubDirectorSearch@cmu.edu.

Applicant information will remain confidential. References will not be contacted without the permission of the applicant.

Applications will be considered on a rolling basis, but for full consideration all materials should be submitted by December 1, 2015.

Carnegie Mellon considers applicants for employment without regard to, and does not discriminate on the basis of, gender, race, protected veteran status, disability, or any other legally protected status.

Carnegie Mellon

Director
BrainHub

Harry S. Truman Fellowship in National Security Science and Engineering

Sandia National Laboratories, one of the country’s largest research facilities, in Albuquerque, New Mexico and Livermore, California, is searching for outstanding Ph.D. candidates to apply for the Harry S. Truman Fellowship. The Truman Fellowship provides the opportunity for recipients to pursue independent research or their choosing that supports Sandia’s national security mission. Candidates are expected to have solved a major scientific or engineering problem in their thesis work or will have provided a new approach or insight to a major problem, as evidenced by a recognized impact in their field. Candidates must have received a Ph.D. within the past 3 years, or will complete all Ph.D. requirements by commencement of appointment, with a broad-based background and extensive knowledge of research in one or more of the following focus areas: biology, chemistry, computing and information science, engineering sciences, geosciences, materials science, nanodevices and microsystems, and radiation effects science and high energy density physics. Candidates must be seeking their first national lab appointment (pre postdoc internships excluded), have excellent academic (min 3.5 undergrad/3.7 grad GPA preferred) and research qualifications, and enjoy working in a team-oriented, dynamic environment.

The Truman Fellowship is a three-year appointment. The salary is $111,200 per year plus benefits and additional funding for the chosen research proposal. This position requires the ability to obtain and maintain a United States Department of Energy security clearance.

For complete application instructions, please visit: http://www.sandia.gov/careers/students_postdocs/fellowships/truman_fellowship.html

Please submit the complete package to: Yolanda Moreno, Sandia National Laboratories, P.O. Box 5800, MS 0359, Albuquerque, New Mexico 87185-0359, or email: ymoreno@sandia.gov (email preferred). Please reference: Job #649663. All materials and online application must be received by COB November 1, 2015.

U.S. Citizenship Required.

Sandia National Laboratories

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Wittig Postdoctoral Fellowship in Feminist Biology

The Wittig Postdoctoral Fellows Program in Feminist Biology offers the opportunity to combine research in a Fellow’s specific area of interest with teaching at the University of Wisconsin-Madison. We seek a highly motivated new or recent PhD in one of the biological sciences or public health or MD, who wants to develop research skills in an area of biology related to gender and teaching skills in feminist approaches to biology. The position is also open to a mid-career or senior scholar, for example on sabbatical. Research can be conducted in any hosting faculty lab at the University; the agreement to host should be specified in the research proposal. Each year the Fellow will also teach one or two undergraduate courses for the Department of Gender & Women’s Studies such as GWS 530, Biology and Gender. GWS will provide mentorship in teaching as well as in feminist theory and methods.

To apply for this position, please submit a cover letter, a CV, a 5-page research proposal (including agreement from a hosting lab), and contact information for three references (one of whom is head of the cooperating lab) to: Dace Zeps, dazeps@wisc.edu, with “Postdoctoral application — your name” in the subject line. The deadline for applications for 2016-17 is February 15, 2016.

The Wittig postdoc is administered through the Center for Research on Gender & Women (CRGW). For further information, contact the CRGW administrator, Dace Zeps, dazeps@wisc.edu, or the CRGW Director, Prof. Janet Hyde, jshyde@wisc.edu. For more information, go to: http://www.ohr.wisc.edu/employment/rapost/toview.html

Science Careers