The University of Rochester has a strong commitment to diversity and embraces excellence and diversity with a strong commitment to research and teaching that will enhance the student body. We strongly encourage applicants from underrepresented groups. Candidates are expected to have completed the Ph.D. in chemistry or a related field at the time of appointment. Applicants should submit a description of research interests, curriculum vitae, a list of publications, and contact information for three referees online at website https://www.chem.rochester.edu/employment. Information about our department can be found at website: http://www.chem.rochester.edu/ and questions may be submitted to_facrec@chem.rochester.edu. Review of completed applications will begin on October 1, 2016.
The Jackson Laboratory (JAX) is inviting applications for Assistant, Associate, and Full Professors to join in expanding a major program in Microbiome Research and Microbial Genomics. We are seeking individuals who are taking innovative approaches to understand the role of microbiotas in human health to join our interactive culture of cooperation and program integration.

The JAX Microbiome and Microbial Genomics initiative involves both The Jackson Laboratory for Genomic Medicine in Farmington, Connecticut and The Jackson Laboratory for Mammalian Genetics in Bar Harbor, Maine. Microbiome and Microbial Genomics resources at JAX currently comprise an elaborate set of capabilities that enable genetic, genomic, computational, molecular, cellular, organismal and systems approaches for microbiome research. These resources include:

- The Genomics Technology Core to provide high throughput DNA sequencing on multiple platforms for metagenomics and microbial projects
- Computational Science and Information Technology Cores to provide analysis, visualization, and data management expertise
- Biorepository and sample management expertise to handle large-scale acquisition of clinical samples for projects
- Microbiology facilities for isolation, culturing, and analysis of microorganisms from human and other samples
- State of the art mouse genetic and veterinary facilities including a large repository of strains and mutants, expertise for microbiome and pathogen research, a germ-free/gnotobiotic facility, and an extensive phenotyping capability
- Advanced genetic techniques such as CRISPR/Cas9 genome editing technologies for innovative approaches to investigating host-microbiome interactions

JAX is an independent, nonprofit biomedical research institution with a highly collaborative environment fostering multidisciplinary approaches to investigate complex biological questions. Faculty members are supported by outstanding scientific services, unparalleled mouse and genomic resources, postdoctoral and predoctoral training programs, and numerous courses and conferences.

The Jackson Laboratory is an Equal Opportunity/Affirmative Action Employer. We consider 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.
Reviewers rule: Strategies for faculty advancement

As you progress in your academic science career, it is vital to know how to not only write papers and grant proposals, but how to review them as well. Ensuring you develop skills in reviewing the currency of academia will provide both tangible and intangible professional benefits. By Alaina G. Levine

At the Fred Hutchinson Cancer Research Center (The Hutch) in Seattle, Washington, the Office of Scientific Career Development does a little extra in assisting postdocs and graduate students with their career planning. Karen Peterson directs this enterprise, and tucked into her repertoire of advice and resources for finding a job, landing a fellowship, and honing core competencies required of successful scientists, is a crucial opportunity: the chance to develop prowess in reviewing grant proposals.

The review process, and all of the critical thinking, analysis, organizational, and communications skills that are sharpened while pursuing it, is an essential element of academic science. And yet, while protégés are often taught how to write papers and proposals early in their careers, they usually have to figure out the reviewing part on their own. If they are fortunate, their advisors provide guidance.

But counselors like Peterson are looking to change that, by offering advice on how to review papers and grant proposals and how to effectively serve on grant panels and study sections. It’s a good thing, too, considering that the capabilities developed from conducting reviews are what scientists need to advance in their academic careers. “Our currency is writing manuscripts and grants—that is what is most highly valued in academia,” she says, “so it’s incredibly important for your professional development and training as a scientist if you want to stay in academia.”

When you review others’ work, you gain insight into the cutting-edge issues of the field, as well as the skills needed to produce your own winning outputs. As Peterson puts it, “As a junior faculty, if you’re lucky to get on a study section, it can take you to another level in your career and help you be more successful in your own grant writing. It’s the best way to learn how to write grants.”

Opt for the opportunities

Young investigators looking to boost their CVs may not realize it, but review opportunities are hidden around many corners. The best place to start is with your own principal investigator (PI). “Professors get asked to review papers all the time,” says Takashi (“TK”) D. Y. Koizai, assistant professor of bioengineering at the University of Pittsburgh in Pennsylvania. “If you let them know you are interested, they are often willing to refer you when they decline.”

But there is more to leverage besides your advisor’s pass-alongs. It is common practice in academia for scholars who are asked to review papers to share the task with their charge. This is referred to as an “undisclosed review,” says Tracy L. Kijewski-Correa, Leo E. and Patti Ruth Linbeck Collegiate Chair and associate professor in the Department of Civil and Environmental Engineering and Earth Sciences at the University of Notre Dame. As a graduate student, her PI gave her the chance to earn her chops at reviewing by engaging in such a scenario. “The advisor accepted the review and fed it to me, and I conducted the review. He looked it over, massaged it, and we worked together to finalize it.”

As long as you are discrete, you can assist your PI in reviewing the papers they are given to review, as Rubina Kotak attests. A reader (essentially an associate professor) in astrophysics at Queen’s University Belfast in Northern Ireland, Kotak is also an associate editor for the journal *Astronomy & Astrophysics*. When she sends out papers for review, she has no problem if the advisor shares the responsibility with their protégé. She even suggests that early career investigators ask for these opportunities. “As an editor, I wouldn’t mind this,” says Kotak. “You can discuss the paper with colleagues as long as you maintain complete confidentiality.”

Adriana S. Bankston, a postdoctoral research associate in the Department of Anatomical Sciences and Neurobiology at the University of Louisville School of Medicine in Kentucky, appreciates that her postdoc mentor invited her to assist with paper reviews. “We both read the paper independently and wrote our own critiques. We then came together and discussed them, and he submitted a response to the journal containing parts of both our responses,” she says. “From this experience, I learned what kinds of things to pick out in terms of writing a good paper review.”

While divvying out paper reviews is fairly routine, doing so with proposal reviews is quite another story—this is a definite no-no. In fact, scientists who are given grant...
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“Learning to be very rigorous about analyzing strengths and weaknesses in reviews helps you in all aspects of your career, whenever you need to weigh different paths.”

—Kanwal Singh

proposals to scrutinize are under strict dictate not to reveal the content of the proposals or share the load of reviewing them. While this can be disheartening for early career academics who wish to gain experience in proposal reviewing, there are other ways to learn and hone this craft. At The Hutch, Peterson leads a training module that consists of U.S. National Institutes of Health Career Development (K)-Award proposal-writing basics, a mock study section where trainees can learn by critiquing proposals, and an opportunity to look at examples of successful K-award proposals. Participants also get to hear firsthand from faculty who have sat on K-award study sections and reviewed many K-award proposals. This type of hands-on training is invaluable in building an academic career, she notes.

As a graduate student, Bankston participated in a grant-writing course that included a chance to review grant proposals in a simulated study section. “Overall, this was a great opportunity to learn about this process as part of a graduate course before going out into the real world to review grants as PIs do on actual study sections,” she says.

**Ask the gatekeepers**

Good talent is hard to find, as are good reviewers. So it is not surprising that when you begin to build your academic brand and become known for being a good reviewer, you become sought after and can get asked to review—a lot.

Editors and granting agency program officers are always looking for new reviewers—they need fresh perspectives to provide high-quality reviews. Thus, early career scholars shouldn’t feel hesitant to reach out to editors and ask about the opportunity or even suggest themselves as a reviewer, says Kijewski-Correa. After reviewing over 100 grant proposals and 5–10 journal articles per year for the last 12 years as a faculty member, she joined the editorial board of the Journal of Structural Engineering. “As an associate editor, I see that young faculty are emailing their expertise to editorial boards to ask about future review opportunities,” she notes. “I welcome this kind of input. Editorial boards are overwhelmed. Getting someone who wants to do a quality review is getting increasingly hard, so if I know someone who will do that, I am glad. I would balance the less-experienced reviewers with those who are more experienced.”

Reviewers are especially coveted in emerging and inter-disciplinary fields. “If you have expertise in a specific area of science, particularly something new that nobody’s done, you might be able to get in sooner,” says Carmen R. Cid, dean of the School of Arts and Sciences at Eastern Connecticut State University in Willimantic.

**Scrutinize the skills**

When you review someone else’s work, you grow your abilities in numerous areas that are strategically critical for would-be faculty leaders. First and foremost, as Bankston notes, “it teaches you to be a better writer and more critical about your own results.”

Scott Franklin, a professor of physics and astronomy and director of the Center for Advancing STEM Teaching, Learning and Evaluation at Rochester Institute of Technology in New York, shares how much he has improved as a communicator by paying attention to seemingly inconsequential organizational, formatting, and design decisions in grant proposals and papers. From how much space the authors devote to background information and literature reviews, to their use of bullet points to describe their goals, these methods of presenting information “leave an impression on you,” says Franklin. “You are seeing tricks, like a figure presented in a way you never saw before. It could be something small like putting the figure on the side and wrapping the text around it. But these are soft skills that you pick up and can apply when appropriate.”

Reviewing grant proposals enables you to “learn how to get to the point quickly,” says Peterson. “You realize that some proposals are read after 20 hours of no sleep, sucking back the coffee, and sitting on an airplane,” she says with a quick laugh. In this environment, “you learn what makes the best proposal.”

In addition to the external conditions that can impact reviews, the reviewers themselves don’t necessarily have the same background and deep knowledge of a subfield as the authors, and yet all they have to evaluate the work on is what’s written on the page. “Something that’s really obvious to you because you’ve been looking at it for weeks on end may not be clear to others,” says Kotak. So you have to ensure that anyone with a general education in your major field of study can grasp the importance of the concepts you are putting forward.

Kanwal Singh, dean of Sarah Lawrence College in Bronxville, New York, has served on review panels and offers another skill that is gained in the review process. “You learn to work like a jury to come to consensus,” she says. “You have to function within constraints—it isn’t realistic to recommend everything you think is good for support, so you have to be really meticulous about making decisions.”

There’s also the matter of acquiring a code of ethics as a scientist, yet another “skill set” that can be developed by conducting reviews. Early in her career, Bankston already recognizes “the great responsibility that scientists have to produce fair, constructive paper reviews.” Given the gravity of the reviewer’s position, “if I don’t do this ethically and objectively, I could kill someone’s career,” admits Kijewski-Correa. This forces scientists to think critically about how they...
**EMBL Group Leader Opportunities**

at EMBL Heidelberg, Germany

**GROUP LEADER**

**CRYO-ELECTRON MICROSCOPY**

The Structural and Computational Biology (SCB) Unit at EMBL Heidelberg seeks to recruit an outstanding Group Leader in cryo-electron microscopy (single-particle analysis and/or electron tomography) to address fundamental questions in molecular or cellular biology.

Imaging from molecules to organisms across different scales and resolution by correlating different technologies is a strong research focus of EMBL with single-particle cryo-electron microscopy, electron tomography and correlative light and electron microscopy playing central roles. The successful candidate is expected to develop an exciting biological or methodological research programme, complementing the existing activities, but also to synergize with and build on other structural biology, computational, chemical and systems biology approaches that are utilised by the SCB Unit. The successful candidate should therefore demonstrate a strong motivation to work in the collaborative and multidisciplinary environment at EMBL.

The SCB Unit EMBL offers access to an outstanding integrated structural biology environment that includes a particularly well equipped cryo-electron microscopy facility housing several high-end transmission electron microscopes including by next year two Titan Krios, one Talos Arctica and one Polara microscopes with direct detectors, a full complement of electron microscopy preparation equipment including a focused-ion-beam milling and scanning electron microscope (FIB/SEM), and high performance computing clusters.

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

Interviews are planned for 14 to 16 November 2016.

**GROUP LEADER** (2 Positions)

**DEVELOPMENTAL BIOLOGY**

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 using model organisms to address fundamental principles of multicellular development across the entire spectrum of developmental biology. Complementary approaches, including simplified systems, such as organoid and stem cell systems, are also welcome. Candidates with strong background and research using theoretical approaches are also encouraged to apply.

The successful candidates should have a strong motivation to work in the multidisciplinary and collaborative environment of EMBL, grasping the opportunity to interact with many other research groups.

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

Interviews are planned for 19 to 21 December 2016.

**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 directly by your referees to references@embl.de at the latest by 6 October 2016.

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

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judge others’ work. In Kijewski-Correa’s case, she purposefully developed a three-point rubric for all papers she reviews, which ensures that she remains consistent and impartial, and provides a clear mechanism to tell the authors what they can do better.

Review the benefits

Paper and proposal reviewing is challenging, time-consuming, detail-oriented work that is woven into both the research and service commitment of faculty. And yet, “you don’t get glory” from it, says Kijewski-Correa. “You get a few indirect benefits, but those indirect benefits are huge.” And it is the indirect gains that early career scientists should carefully consider as they pursue review opportunities.

One of the most important career advancement assets young scientists receive from the reviewing process is that “you’re getting a feel for your field and what’s going on,” says Kijewski-Correa. “There’s a lot of literature. Reviewing is a way of keeping you abreast. It keeps you fresh. You can’t help but be inspired by osmosis.” Indeed, “You get a sneak preview of what science people are doing way before the papers come out,” concurs Kotak.

Singh notes that “learning to be very rigorous about analyzing strengths and weaknesses in reviews helps you in all aspects of your career, whenever you need to weigh different paths.” Moreover, it allows you to “figure out when to take a chance on something that is a little riskier than something else, but where the potential payoffs may be much bigger.” Additionally, reviewing papers and grants throughout the years has “helped me mentor my junior colleagues,” she adds. “I can talk about the process with them, perhaps demystify it, and encourage them to get involved.” Adds Kotak: “You learn how to give good feedback, and that’s a skill you can use down the line for your own grad students and postdocs.”

One of the biggest benefits of serving on a panel is the face time gained with program officers (POs), says Franklin. “When you are on a panel, there’s downtime, and you get to talk to the POs and can run ideas by them,” he notes. “It’s an opportunity to sit down with a PO in person, instead of a phone call, and have a discussion that can extend over hours or days, not just a few short minutes. These conversations can be very valuable; they’ve definitely had an influence on how I frame grant proposals.”

Franklin estimates he has reviewed 40–50 grant proposals during his career, and shares that serving on panels has given him crucial insight into how to present quickly and to hook the audience, something he has applied to his own proposals. There are usually several proposals being reviewed by the panel, he notes, which consists of scientists with expertise in a variety of areas—and while the science in all proposals is sound, those that clearly communicate goals, objectives, and methods are the ones that grab the reader. “So we go around the room and discuss it,” Franklin explains. “Your proposal has to have a real hook that makes it stand out and be memorable to the reader … it has to jump off the page.”

The reviewing experience can have comprehensive career repercussions for faculty. “It has helped me in a broad, holistic way and provided me with some context,” adds Franklin. “For example, recognizing the funding landscape tends to make you accept rejection more calmly, whether it is a grant or in university life, like hearing ‘no’ from your department head or dean.”

“Get your training wheels”

As with any career-enhancing experience, it is always a good idea to get started early as a reviewer. Talk with your PI and see if you can embark on an undisclosed review. But even if your advisor can’t get you involved, there are usually other mechanisms on your campus to help you gain expertise in this process. For example, Bankston suggests offering to do paper reviews within the journal club in your department. And “you can always get your training wheels by reviewing scientific posters on campus,” says Kijewski-Correa. Offering to review and make suggestions for papers written by colleagues within your department is another way to acquire these skills.

Cid offers this valuable advice: Even as a graduate student, you may have the chance to organize a workshop on a technical topic of relevance to your community. When you do, “invite people to your workshop whom you want to review for. They could even give a talk, and that way you can get to know them,” she suggests.

No matter how they gain the experience, faculty who have engaged in reviewing emphasize that it has benefited their growth as scientists. “Most people are too narrow in their focus. There is often not enough incentive or encouragement to venture outside your particular area of expertise,” says Kotak. “So gaining breadth in scientific knowledge [from reviewing papers] makes someone a better scientist. You’re able to place your own research in a wider context.”

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

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The European Molecular Biology Laboratory (EMBL) is searching for Team and Group Leaders. EMBL offers a highly collaborative, uniquely international culture. It fosters top quality, interdisciplinary research by promoting a vibrant environment consisting of young, independent researchers with access to outstanding graduate students and postdoctoral fellows. EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation.

Team and Group Leader Opportunities at EMBL Heidelberg, Germany

TEAM / GROUP LEADER
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We are seeking to recruit outstanding group leaders who wish to carry out cutting-edge molecular cell biology research. We also welcome applications to establish research or technology development groups in the areas of chemical biology and fluorescent probes, bioimage informatics and computational modelling of complex dynamic biological processes. In addition to biologists, applicants with a strong background in (bio)informatics/mathematics, chemistry or physics, and a keen interest in cell biological applications are especially encouraged to apply.

The successful candidate should have a strong motivation to work in the multidisciplinary and collaborative environment of EMBL, grasping the opportunity to interact with many other research groups.

Further information about the position can be obtained from the Head of Unit Jan Ellenberg (jan.ellenberg@embl.de).

Interviews are planned for 22 to 24 November 2016.

GROUP LEADER
GENOME BIOLOGY

The Genome Biology Unit is looking for outstanding candidates performing exciting interdisciplinary research, which complements on-going work within the Unit and the institute as a whole. We particularly encourage candidates with interests in specific aspects of gene expression regulation (transcriptional, post-transcriptional or post-translational regulation), nucleotide modifications, metabolism and cellular heterogeneity. We also welcome strong proposals from candidates with demonstrated excellence in any area of genome biology that dissect and/or models complex processes going from genotype to phenotype. This group leader position provides a very competitive package to support an independent research group in an excellent scientific and highly collaborative environment.

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Further information about the position can be obtained from the Head of Unit Eileen Furlong (furlong@embl.de).

Interviews are planned for 5 and 6 December 2016.

APPLICATION INSTRUCTIONS

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NEW YORK UNIVERSITY

FACULTY POSITION
Center for Genomics & Systems Biology
Department of Biology

ARTS AND SCIENCE

New York University's Center for Genomics & Systems Biology (http://cgsb.nyu.edu) in the Department of Biology invites applicants to apply for a faculty position to begin September 1, 2017, or as negotiated pending budgetary and administrative approval. The position would ideally be at the level of Assistant Professor (tenure track) but more senior applicants will also be considered.

We are particularly interested in applicants who are developing novel computational and/or experimental techniques in genomics and systems biology, to address important biological questions, as well as those using systems approaches to study plants or microbes but other outstanding individuals are also encouraged to apply.

Candidates will be expected to have or develop active, externally funded, research programs and to participate in the department's undergraduate and graduate teaching. The Department of Biology (http://biology.as.nyu.edu) offers an outstanding, collegial and interdisciplinary research environment that supports ambitious research projects in genomics and systems biology, with access to high-throughput robotics, sequencing and high-performance computing. In addition, strong interactions exist with faculty in other divisions within NYU including the Courant Institute of Mathematical Sciences.

Application packages should include a cover letter, research statement, teaching statement, curriculum vitae and three letters of reference. Please apply online via the New York University Department of Biology website (http://biology.as.nyu.edu), using the “Employment” link. The cover letter should be addressed to: Chair of the CGSB Search Committee, Department of Biology, New York University, 1009 Silver Center, 100 Washington Square East, New York, NY 10003. Selection will begin November 15, 2016; applications received prior to this date will be guaranteed full evaluation.

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Current: Executive Director, ICUSP Inc. & Associate Professor,
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Creighton University invites applications and nominations for the position of Chair of Biomedical Sciences. The ideal candidate must have a PhD and qualify for appointment as full professor, and possess outstanding interpersonal, leadership, teaching, and administrative skills and experience. The candidate should also have an internationally recognized research program supported by extramural funding, and express a strong commitment to mentoring department faculty and fostering collaborative, interdisciplinary research and education, both within the Department and with other basic and clinical science departments. Primary responsibilities of the Chair include developing and implementing strategies to support and enhance the research, training, and educational programs in the department, preparing and managing the department budget, mentoring and evaluating department faculty and staff, teaching in appropriate graduate and/or professional school courses, and engaging with various stakeholders to articulate and achieve the missions of the Department, School, and University. The position includes a competitive startup package and additional resources to significantly expand the faculty base.

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Chair, Search Committee
c/o Laura McCliskey
Creighton University School of Medicine
2500 California Plaza, Omaha NE 68178
lauraemcloskey@creighton.edu

Available positions for faculty positions:

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Cambridge, MA
Department of Chemistry and Chemical Biology

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1. Cover letter
2. Curriculum Vitae, including list of publications
3. Select Full Publications
4. Teaching statement (describing teaching approach and philosophy)
5. Future research plans
6. 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)

**Contact Information:** Helen Schwrickath, Search Administrator, Department of Chemistry and Chemical Biology, 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, national origin, disability status, protected veteran status, or any other characteristic protected by law.**

**UNIVERSITY OF MICHIGAN FACULTY POSITIONS IN NEUROSCIENCE**

The Department of Molecular, Cellular, and Developmental Biology (MCDM) in the College of Literature, Science and the Arts at the University of Michigan solicits applications from neuroscientists 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 an open position in the field of neuroscience broadly defined. We encourage applications from scientists who use cellular, genetic, molecular, and/or in vivo imaging approaches. The faculty position will be tenure track or tenured with a university year appointment starting September 1, 2017 or January 1, 2018. 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 MCDDB please visit www.lsa.umich.edu/mcdb.

All applications must be submitted online at http://labs.mcdb.lsa.umich.edu/search16. 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 online application form. To ensure full consideration, all materials should be received by October 14, 2016.

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.
INSTITUTE FOR MOLECULAR ENGINEERING (IME)

The Institute for Molecular Engineering (IME) is a unique interdisciplinary institute launched by the University of Chicago in 2011 with the aim of translating molecular-level science into technological solutions with potential societal impact in health care, energy, environmental sustainability and information technology. An independent unit within the university, IME is also affiliated with Argonne National Laboratory (ANL) and joint appointment is encouraged when appropriate. IME invites applications from outstanding candidates for the following tenure-track or tenured faculty positions. All candidates must have a doctoral degree in a relevant field of study and an outstanding research record. Successful candidates will be expected to establish and maintain a strong research program and teach at the graduate and undergraduate levels.

Quantum Information Engineering

IME invites applications for tenure-track and tenured faculty positions at the ranks of Assistant Professor, Associate Professor and Professor in the area of Quantum Information Engineering. Areas of interest include, but are not limited to quantum coherent devices and systems, optics and nanophotonics, optomechanics, quantum measurement, quantum materials, quantum information and communication. The appointment will be at IME with positions available both in experiment and theory. 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, 2016 and continue until the position is filled. Applicants are required to upload a cover letter, curriculum vitae, a list of publications, and a statement of research interests. In addition, candidates are requested to provide the names and contact information for three references, who will be contacted separately for letters of recommendation. To be considered for a position at the rank of Assistant Professor, please apply to Requisition #03104. To be considered for a position at the rank of Associate Professor, please apply to Requisition #03105. To be considered for a position at the rank of Professor, please apply to Requisition #03106.

Materials Synthesis and Engineering

IME invites applications for tenure-track and tenured faculty positions at the ranks of Assistant Professor, Associate Professor and Professor in the area of experimental materials synthesis and integration. Areas of interest include, but are not limited to, materials and systems for new computing approaches, quantum materials, sensing, energy conversion, additive materials and additive manufacturing, engineered low-dimensional materials with novel properties, and biologically inspired materials. The candidate will be expected to establish a strong independent research program and be interested in a multidisciplinary, system level approach to materials science and engineering. The IME also has close ties with Argonne National Laboratory (several faculty members have joint appointments) and the position will enable close interaction with Argonne scientists. While we will consider exceptional candidates from all fields of materials science, we seek in particular expertise in inorganic materials based approaches to the areas noted above. 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, 2016 and continue until the position is filled. Applicants are required to upload a cover letter, curriculum vitae, a list of publications, and a statement of research interests. In addition, candidates are requested to provide the names and contact information for three references, who will be contacted separately for letters of recommendation. To be considered for a position at the rank of Assistant Professor, please apply to Requisition #03110. To be considered for a position at the rank of Associate Professor, please apply to Requisition #03111. To be considered for a position at the rank of Professor, please apply to Requisition #03112.

Immunology

IME invites applications for tenure-track and tenured faculty positions at the ranks of Assistant Professor, Associate Professor and Professor in the field of Immunology to candidates working in translational immunology, and to those applying computational and experimental engineering approaches addressed to basic questions in immunology. The position is offered in a rich environment of biomolecular and materials science, immunology, and cancer immunology and interactions with academic units that include the Committee on Immunology, the Institute for Genomics and Systems Biology and the Ben May Department for Cancer Research (bemay.uchicago.edu). 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 November 1, 2016 and continue until the position is filled. Applicants are required to upload a cover letter, curriculum vitae, a list of publications, and a statement of research interests. In addition, candidates are requested to provide the names and contact information for three references, who will be contacted separately for letters of recommendation. To be considered for a position at the rank of Assistant Professor, please apply to Requisition #03109. To be considered for a position at the rank of Associate Professor, please apply to Requisition #03108. To be considered for a position at the rank of Professor, please apply to Requisition #03107.

The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University’s Notice of Nondiscrimination at http://www.uchicago.edu/about/non_discrimination_statement/. Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-5671 or email ACOppAdministrator@uchicago.edu with their request.
Faculty Positions - Chemistry

The Department of Chemistry and Biochemistry at Auburn University invites applications for two tenure-track, 9-month positions at the level of Assistant Professor. Auburn University is an institution that is both highly research-active and committed to maintaining teaching excellence as one of the nation’s premier land, sea, and space grant institutions. With these positions, the department is looking to fill research needs that will directly complement existing research programs and align with campus-wide research clusters. The successful candidates are expected to develop vigorous, externally funded research programs.

Of particular interest is research in the following two areas related to Chemical Biology:
1) Small-Molecule Synthesis. Synthesis of organic or inorganic small molecules that can be used to investigate biochemical processes and/or serve as pharmaceuticals.
2) Biochemistry or Biological Imaging. A focus on the development and application of probes (macromolecules, small molecules, bio-conjugates, etc.) or spectroscopic techniques to investigate biochemical processes is of particular interest, although other areas of biochemistry will be considered.

Duties also include teaching at both the undergraduate and graduate levels. A Ph.D. in chemistry or a related field and at least one year of postdoctoral experience are required. 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 2017) and must be able to continue working legally for the proposed term of employment. Excellent written and interpersonal communication skills are required.

Applicants should submit a curriculum vitae, a detailed statement of research plans, a 2-page statement of teaching philosophy, and the names and contact information of three professional references. For more information about the College of Sciences and Mathematics and the Department of Chemistry and Biochemistry, please refer to our website: http://www.auburn.edu/chemistry. The review of applications will begin October 31, 2016 and continue until the positions are filled.

To apply for the position in the area of Small-Molecule Synthesis, please visit: http://aufacultypositions.peopleadmin.com/postings/1859.
To apply for the position in Biochemistry/Biological Imaging, please visit: http://aufacultypositions.peopleadmin.com/postings/1860.

Auburn University is an EEO/Vet/Disability Employer.

Cleveland Clinic

Lerner Research Institute

FACULTY POSITION IN MOLECULAR CARDIOLOGY

Cleveland Clinic Lerner Research Institute invites applications for a new faculty position at Assistant Associate Professor/Staff level to join the collaborative and vibrant research programs in the Department of Molecular Cardiology. Applicants should have a MD, PhD or an equivalent degree with robust post-doctoral training and exceptional promise for developing a rigorous research program focused on basic structural, cellular and molecular mechanisms underlying heart failure, ischemic heart disease and arrhythmogenesis, performing translational studies including but not limited to cardiac hypertrophic signaling: remodeling and hypertension, cardiac hetero-cellular interactions and cell renewal/turnover and metabolic syndrome. Successful candidate is expected to establish or have an established innovative, extramurally funded research program. Interactions with world class clinical programs are available and provide the potential to develop multi-disciplinary and translational research programs. Outstanding facilities and generous start-up funds are available.

Interested candidates should submit applications electronically as a single PDF file containing curriculum vitae, a statement of future research interests and cover letter addressed to Sathyanagalla Prasad, PhD, Department of Molecular Cardiology, Lerner Research Institute, Cleveland Clinic, at following email: crehore@ccf.org. Reference letters will be requested following review of the applications.

Northwestern University

The Department of Molecular Biosciences seeks applications at the level of assistant professor for faculty candidates with research interests that complement our existing interdisciplinary strengths. Applicants with outstanding credentials from all fields will be considered, however, we are particularly interested in candidates whose research focuses on molecular evolution and/or using quantitative methods to address fundamental questions about biological mechanisms.

The department is a highly collaborative and dynamic research and training environment located on the main campus of Northwestern University in Evanston, IL.

Applicants should prepare a cover letter, curriculum vitae, a statement of previous research accomplishments and 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 molbiosciresearch@northwestern.edu.

To ensure full consideration, please submit all materials by November 1, 2016.

Affirmative Action Employer of all protected classes including veterans and individuals with disabilities. Women and minorities are particularly encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

Sandia National Laboratories

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

We are searching for outstanding Ph.D. candidates to apply for the Harry S. Truman Fellowship in National Security Science and Engineering. The Truman Fellowship provides the opportunity for recipients to pursue independent research of 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: bioscience, 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 laboratory appointment (pre postdoc/ internships excluded), have excellent academic (minimum 3.5 undergraduate and 3.7 graduate GPA preferred) and research qualifications, good communication skills, and enjoy working in a team-oriented, dynamic environment.

The Truman Fellowship is a three-year appointment normally beginning on October 1. 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 #653576. All materials and online application must be received by COB November 1, 2016.

Equal Opportunity Employer/Disability/Vet/GLBT
Why choose this job focus for your advertisement?

- Relevant ads lead off the career section with special neuroscience banner
- Bonus distribution to Society for Neuroscience, Nov 12–16, San Diego, CA.

*Ads accepted until Oct 28 if space allows.

Produced by the Science/AAAS Custom Publishing Office.

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, bioinformatics, statistical genetics, computational genetics, microbial genetics, epigenetics, cancer genetics, neurogenetics, and psychiatric 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 the School of Arts and Sciences Division of Life Sciences, the Waksman Institute, the Center for Advanced Biotechnology and Medicine, the Cancer Institute of New Jersey, the Institute for Quantitative Biomedicine, and the Robert Wood Johnson Medical School. A leading research university, Rutgers is a member of the AAU and the CIC and attracted over $638M in research grant and contract funding in FY2016. 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.

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. Applications should be submitted electronically at https://apply.interfolio.com/37129 and inquiries made to Ms. Mary Carmona, carmona@dls.rutgers.edu. Review of applications will begin October 15, 2016 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.
Faculty Position
Department of Radiology
Faculty Position in Molecular Imaging Innovations Institute

The Molecular Imaging Innovations Institute (MII) in the Department of Radiology at Weill Cornell Medical College is seeking highly motivated applicants to join our newly established institute, which is located in the state-of-the-art Belfer Research Building. MII is committed to becoming an internationally recognized institution of excellence in the discovery and development of new molecular imaging agents, and strategies for use in basic and translational research as well as in clinical care. Scientists will have access to on-site imaging systems for animal and human studies, including MRI, PET, SPECT, CT, optical and ultrasound.

Experienced scientists with a PhD and/or MD in developing multimodality imaging strategies are encouraged to apply. Junior candidates must have at least three years of postdoctoral experience, publications in high impact journals, and the demonstrated ability or potential to acquire external research funding. Senior positions will be considered commensurate with experience and track record of extramural funding and publications.

Qualified applicants should respond by sending or emailing a letter of interest, including: research interests, CV, and three references to: Dr. Ching Tung, Director of Molecular Imaging Innovations Institute, Department of Radiology, Weill Cornell Medical College, 525 East 68th Street, Box 141, New York, NY 10065-4870; Email at M13@med.cornell.edu.

Evaluation of applications will begin immediately and continue until the position is filled.

Weill Cornell Medicine is an employer and educator recognized for valuing AA/EOE/M/F/Protected Veterans, and Individuals with Disabilities.

University of Massachusetts Medical School

Tenure-Track Faculty Position
The Department of Microbiology and Physiological Systems

The Department of Microbiology and Physiological Systems at the University of Massachusetts Medical School (http://www.umassmed.edu/) invites applications for a tenure-track faculty position at the rank of ASSISTANT PROFESSOR. Depending on qualifications, candidates may be proposed for a more senior appointment at the rank of ASSOCIATE or FULL PROFESSOR. The Department is seeking candidates who use cross-disciplinary or systems-level approaches to solve problems in bacterial or viral infection including, but not limited to: molecular mechanisms of pathogenesis; cell biology of infection; analysis of complex microbial communities and their impact on the host; and host responses and adaptation to infection. Candidates will be expected to develop and maintain an innovative, externally funded research program. We offer generous support and a collaborative environment with opportunities for both basic and translational research. The position will be highly competitive with regard to start-up funds and salary. Applications will be reviewed on an ongoing basis and continue until the position is filled.

Applicants should submit a cover letter explaining their interest in the Department, a curriculum vitae that includes honors and publications, and a succinct research plan to https://academicjobsonline.org/ajo/jobs/7512. To expedite the review process, applicants should invite three individuals who are familiar with their work and potential for success to upload recommendation letters at the same web address.

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.

Keck School of Medicine of USC

TENURE-TRACK FACULTY POSITIONS
Department of Molecular Microbiology and Immunology

The Department of Molecular Microbiology and Immunology at the Keck School of Medicine of the University of Southern California in Los Angeles, California, has an ongoing expansion to build upon existing strengths in Immunology and Microbiology.

The Department invites applicants for tenure-track Assistant and/or Associate Professor positions in the field of infectious diseases and immunology with a research emphasis on pathogens and immune responses. We are particularly seeking highly motivated individuals with demonstrated potential for creativity who are working on translational aspect of immune responses. Scientists with a record of achievement and commitment to excellence in both research and teaching are encouraged to apply. Successful candidates will receive generous start-up packages and laboratory space. The Keck School of Medicine has strong research programs in Cancer, Immunology, Stem Cells, Neurobiology, Public Health and Virology and offer outstanding technical resources in many areas, including flow cytometry, imaging, proteomics and genomics. Also, go to link for list of supporting research core facilities: http://keck.usc.edu/research/research-resources/find-core-resources/

Applicants should submit a letter of application, Curriculum Vitae, a statement of current and future research plans, and three letters of recommendation. Please complete faculty application through the USC job website at https://jobs.usc.edu/postings/55204 with position number P01456930.

USC values diversity and is committed to equal opportunity in employment. Women and men, and members of all racial and ethnic groups are encouraged to apply.

Faculty Positions, Volllum Institute
Oregon Health & Science University
Portland, Oregon

The Volllum Institute (www.ohsu.edu/volllum) is undergoing an exciting phase of reinvestment by OHSU and growth under a new Director, and announces multiple faculty openings for outstanding scientists. We are particularly interested in individuals whose research focuses on molecular and cellular neuroscience, molecular genetics, development and/or mechanisms of signal transduction.

Volllum appointments are full-time research positions within the Volllum Institute with minimal teaching or clinical requirements. Ample opportunities are available for collaboration with clinical units within the School of Medicine and additional research units at OHSU (www.ohsu.edu).

Applications will be accepted at junior and mid-career levels. Applicants should have a strong record of research success and an interest in training graduate students. We offer highly attractive start-up packages and the opportunity to work in an outstanding scientific environment that includes strong mentoring for junior scientists.

Candidates with a PhD and/or MD and at least several years of postdoctoral experience should apply by submitting their curriculum vitae, a description of research plans and goals, and three letters of reference to https://academicjobsonline.org/ajo/jobs/7768. Applications must be received by December 1, 2016.

For questions contact Gary Westbrook, Search Chair, at vollumjob@ohsu.edu

OHSU is an equal opportunity/affirmative action employer committed to maintaining diversity in its faculty and addressing faculty family issues including dual career couples and single parents.
We seek applications for a tenure-track faculty position in the Department of Molecular and Cellular Biology. We are particularly interested in candidates who use quantitative or computational approaches to study the mechanisms underlying fundamental questions in biology. The department offers an interactive research community with interests in a broad range of topics, including cell biology, systems biology, biophysics, biochemistry, developmental biology, neurobiology, genetics, microbiology, computational biology, 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, 2016.

Submit applications to:
http://academicpositions.harvard.edu/postings/7067

For information contact Polina Kehayova | kehayova@fas.harvard.edu | www.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

Ludwig-Maximilians-Universität (LMU) in Munich is one of the leading research universities in Europe, with a more than 500-year tradition. LMU aims to create favorable conditions for world-class academics. To provide outstanding junior researchers in all subject areas with a long-term career perspective, LMU is offering Tenure Track Professorships to Successful ERC Starting Grantees

in the current call of the European Research Council (for candidates 2-7 years after their PhD). If you would be interested in joining LMU’s research community, please contact the appropriate faculty member in your field of research as soon as possible.

For further information regarding this offer, please see: www.lmu.de/excellent/erc-tenuretrack
**Physiology UCLA**  
**Assistant or Associate Professors (2)**

The Department of Physiology at the David Geffen School of Medicine at UCLA invites applications for tenure track faculty positions, preferably at the level of Assistant or Associate Professor. We are especially interested in candidates studying fundamental mechanisms of physiological processes in neuroscience and the cardiovascular system. However, we will consider applicants in all areas of modern physiology. The Department of Physiology at UCLA has a strong tradition of excellence in molecular biophysics, neuroscience, cardiovascular research, and structural biology in a highly collaborative environment. For more information about the department, please visit our website: http://www.physiology.ucla.edu/

Candidates must have a PhD, M.D. or equivalent and are expected to have a strong track record of research achievements and a demonstrated interest in tackling outstanding biological problems using state-of-the-art approaches. The successful candidate will be expected to develop an independent research program and participate in the teaching mission of the Department for medical, dental, and graduate students. We welcome candidates whose experience in teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence.

Interested applicants should submit their curriculum vitae, a brief statement of research interests and career goals, a description of teaching experience, and the names of three references to [https://recruit.apo.ucla.edu/apply/JPF02411](https://recruit.apo.ucla.edu/apply/JPF02411). Applications will be accepted between September 1 and November 30, 2016.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: UC Nondiscrimination and Affirmative Action Policy.

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**Tenure-Track Positions**

The RNA Therapeutics Institute (RTI) at the University of Massachusetts Medical School, invites applications for tenure-track faculty positions. Successful candidates will conduct innovative research to understand normal physiology and development, disease mechanisms and/or to develop novel diagnostics or therapies. Candidates need not necessarily conduct research directly focused on RNA biology or development of RNA therapeutics, but should indicate how their research will synergize with ongoing research within the RTI and the greater UMass Medical School community.

**Physician scientists** and researchers with significant industrial experience who wish to return to academia are particularly encouraged to apply. Other specialties of interest include synthetic chemists, materials scientists, computational researchers, bioengineers, geneticists, cell and molecular biologists, and biochemists.

The RTI is housed in a new state-of-the-art research building, and is central to a campus-wide interdisciplinary initiative in RNA therapeutics, stem cell biology and gene therapy designed to facilitate collaboration among basic scientists, preclinical investigators and clinicians. As a recipient of a Clinical and Translational Science Award (CTSA) from the NIH, UMass Medical School seeks to build an environment in which basic, applied and clinical researchers collaborate to inform our understanding of human disease and accelerate development of novel diagnostics and therapies. To further encourage collaboration, all RTI investigators hold joint appointments within other departments on campus.

Applicants should submit a cover letter, curriculum vitae, a two-page statement of research interests, and contact information for three references to [https://academicjobsonline.org/ajou/jobs/7506](https://academicjobsonline.org/ajou/jobs/7506). Applications will be reviewed expeditiously, with interviews commencing in October. Inquiries (but not application materials) may be directed to Tiffanie Gardner at Tiffanie.Gardner@umassmed.edu. Applications at the Assistant, Associate and Full Professor levels will be considered. The position will remain open until filled.

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

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**Medical School**  
**University of Michigan**  
**Assistant Professor**

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 that address important problems in biology and complement existing areas of strength that include 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 and maintain a scientifically recognized research program. Qualifications include a Ph.D. and/or M.D. and a strong record of research accomplishments. For further information, see [http://www.biochem.med.umich.edu/](http://www.biochem.med.umich.edu/).

Applications should be assembled into a single pdf and include a cover letter, a curriculum vitae and a 3-5 page statement of current and future research plans. All materials should be sent via email to Amanda Howard (amanhowa@umich.edu). Candidates must also arrange to have 3 letters of recommendation sent as PDFs to the above email address. Applications and letters of recommendation will be considered up until November 1, 2016.

The University of Michigan is supportive of the needs of dual career couples and is an Affirmative Action/Equal Opportunity Employer.

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**Binghamton University**  
**Director for First-year Science Programs**

Binghamton University seeks a director to head its science undergraduate teaching initiative, which supports innovative, evidence-based first-year undergraduate science education through academic programming, faculty development, and educational research. The director will collaborate in the design, implementation, and assessment of new and current faculty-driven first-year undergraduate science initiatives. This position supervises educators and administrative personnel associated with the University’s Freshman Research Immersion (FRI), a three-course sequence of CUREs (course-based undergraduate research experience) that involves STEM departments and programs campus-wide ([http://www.binghamton.edu/freshman-research-immersion/](http://www.binghamton.edu/freshman-research-immersion/)). This position collaborates with faculty to broaden the impact of biological research through first-year undergraduate education. The director must have a PhD and additional experience in an area of biological research that aligns synergistically with the research strengths of the Department of Biological Sciences; track record of biology education scholarship; and a record of success in obtaining grant funding and other external resources. The director is expected to actively seek grant funding to support science education programming. This tenure-track appointment is planned at the associate professor level; however, qualified applicants may be considered at other levels.

**Application materials required**: Applicants should submit a cover letter, curriculum vitae, selected reprints and preprints, statements of research and teaching interests, and list of at least three references to: [http://binghamton.interviewexchange.com](http://binghamton.interviewexchange.com). Review of applications will begin on 1 December 2016 and will continue until the position is filled.

**Additional Information**: Binghamton University is one of the four doctoral granting universities in the State University of New York (SUNY) system, and is an Equal Opportunity/Affirmative Action Employer.
Hiring Tenured and Tenure-Track Positions in Environmental Extremes
College of Liberal Arts and Sciences

pdx.edu/clas/faculty-job-openings

The College of Liberal Arts and Sciences at Portland State University is pleased to announce a multidisciplinary cluster hire of tenured and tenure-track faculty positions related to the research, discovery, and communication of environmental extremes.

This cluster hire initiative will expand Portland State University’s multidisciplinary research capacity, creating an opportunity to identify the impacts, characterize the adaptations, and design solutions to manage and cope with environmental extremes of the 21st century. We are especially interested in candidates whose research involves laboratory and field approaches, modeling and theory and, based on academic preparation and research area, exemplifies dedication to creativity and excellence in teaching and scholarship in one of the following academic departments:

**Biology:** Tenured Associate or tenure-track Assistant Professor, with particular interest in a cell or molecular biologist whose research program investigates extremes in cellular environments.

**Chemistry:** Tenured Associate or tenure-track Assistant Professor, seeking candidates with a research emphasis on fundamental problems in physical and/or analytical chemistry relevant to environmental extremes, including novel spectroscopy and technologies for environmental sensing, and the physicochemical basis for adaptation to extreme environments.

**Communication:** Tenured Associate or tenure-track Assistant Professor with a promise of research productivity in the areas of environmental, risk, and science communication.

**English:** Tenured Associate or tenure-track Assistant Professor with expertise in professional and technical writing, especially science and/or environmental writing.

**Environmental Science and Management:** Tenured Associate or tenure-track Assistant Professor with research emphasis on examining the environmental and social effects of hydrologic extremes, and their potential management solutions.

**Geography (2 positions):** Tenured Associate or tenure-track Assistant Professor with particular interest in a political ecologist or hazard geographer whose research focuses on human impacts of, and community resilience to, environmental extremes. In addition, a water resource geographer whose research focuses on societal and institutional responses, and adaptations to, water-related environmental extremes.

**Physics:** Tenured Associate or tenure-track Assistant Professor with particular interest in candidates who focus on climate science of the Anthropocene, including forcings and mitigations; materials science and nanotechnology approaches for “green” solutions; and/or biophysics research, including experimental and computational approaches, for studying extremophile systems.

clusterhiring.ucr.edu
Hiring Faculty?  The October 7 feature covers business principles for researchers. Reach *Science* readers and share opportunities at your university.

What makes *Science* the best choice for recruiting?

- Read and respected by 400,000 readers around the globe
- 62% of our weekly readers work in academia and 65% are Ph.D.s. *Science* connects you with more scientists in academia
- Your ad dollars support AAAS and its programs, which strengthens the global scientific community.

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The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status.

Please direct nominations and inquiries to Professor Barney Schlinger (schlinge@lifesci.ucla.edu). Submit application packages online through https://recruit.apo.ucla.edu/app/apply/JPF02484 and include the following: (1) curriculum vitae; (2) statement of research interests; (3) statement of teaching expertise; (4) statement of administrative activities and leadership philosophy; (5) statement of formal and informal activities to promote diversity and inclusion among students, staff, and faculty; and (6) cover letter that explains interest in position, special qualifications for the chair position, and names of three referees. All items should be distinct documents. We encourage applications from women, minorities, and individuals with a history and commitment to the success of students from under-represented demographics in the sciences. Review of applications will begin on 15 October 2016, and continue until position is filled.

The Department of Ecology and Evolutionary Biology has 28 faculty, a large graduate program, over 1800 undergraduates across three majors (Biology; Ecology, Behavior, and Evolution; Marine Biology), and two minors (Conservation Biology and Evolutionary Medicine). The department has close ties with the Institute of the Environment and Sustainability, and departments across the College, David Geffen School of Medicine, and the School of Public Health. EEB is associated with the UCLA La Kretz Center for California Conservation Sciences, UCLA Stunt Ranch University of California Reserve, the Mildred E. Mathias Botanical Garden, the Donald E. Dickey Collection of Birds and Mammals, the Center for Education and Innovation and Learning in the Sciences, and the Institute for Quantitative and Computational Biosciences.

The Division of Life Sciences (www.lifesciences.ucla.edu) includes over 200 faculty, 7000 undergraduates, 500 graduate students, 12 undergraduate majors, and more than 12 PhD programs. The UCLA College through its four academic divisions—Humanities, Life Sciences, Physical Sciences, and Social Sciences is the academic heart of UCLA, which is California’s largest university with an enrollment of nearly 43,000 undergraduate and graduate students.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy, see: UC Nondiscrimination & Affirmative Action Policy. (http://policy.ucop.edu/doc/4000376/NondiscrimAffirmAct)
UT Southwestern Medical Center

Faculty Positions in Infectious Diseases

The Division of Infectious Diseases in the Department of Internal Medicine at the University of Texas Southwestern (UTSW) Medical Center at Dallas is seeking new faculty members at the Assistant Professor level. Successful applicants should have an M.D. and/or a Ph.D. degree with at least two years of postdoctoral experience and an exceptional publication record. Candidates will be expected to develop independent, externally-funded independent research programs that focus on understanding the biologic basis of infectious diseases and/or host defense. Our search is broad, and we are interested in applicants who are creatively pursuing “cutting-edge” research on medically important pathogens including those resistant to antimicrobials, emerging pathogens, novel pathogen discovery, and/or agents of potential biowrap. UTSW is an outstanding scientific environment with established strengths in structural biology, biochemistry, molecular biology, microbiology, immunology, genetics, and numerous other areas.

UTSW has a strong tradition of academic excellence and an exceptionally collegial and collaborative culture that cuts across departmental boundaries. Opportunities exist for collaborations with faculty members in Infectious Diseases, the Departments of Microbiology and Immunology and the Centers for Autophagy Research and Genetics of Host Defense.

We offer other substantial resources such as outstanding core facilities and research infrastructure. Candidates will be expected to contribute to the teaching and research training of Infectious Diseases fellows. The positions offer attractive start-up packages and laboratory space.

To apply, submit a C.V., three letters of reference, and a description of research interests to: Dr. Trish M. Perl, Chief, Division of Infectious Diseases, UT Southwestern Medical Center, 5323 Harry Hines Blvd, Dallas, TX 75390-9113. E-mail: Cindy.Jozefiak@UTSouthwestern.edu

UT Southwestern is an Equal Opportunity/Affirmative Action Employer.

Penn Engineering

MULTIPLE FACULTY POSITIONS
Department of Electrical and Systems Engineering

The School of Engineering and Applied Science at the University of Pennsylvania is growing its faculty by 33% over the next five years. As part of this initiative, the Department of Electrical and Systems Engineering is engaged in an aggressive, multi-year hiring effort for multiple tenure-track positions at all levels. Candidates must hold a Ph.D. in Electrical Engineering, Systems Engineering, or related area. The department seeks individuals with exceptional promise for, or proven record of, research achievement, who will take a position of international leadership in defining their field of study, and excel in undergraduate and graduate education. Leadership in cross-disciplinary and multi-disciplinary collaborations is of particular interest. We are interested in candidates in all areas that enhance our research strengths in:

1. Nanodevices and nanosystems (nanoelectronics, MEMS/NEMS, power electronics, nanophotonics, integrated devices and systems at nanoscale),
2. Circuits and computer engineering (analog, RF, mm-wave, and digital circuits, emerging circuit design, computer engineering, IoT, embedded and cyber-physical systems), and
3. Information and decision systems (control, optimization, robotics, data science, network science, communications, information theory, signal processing, markets and social systems).

Prospective candidates in all areas are strongly encouraged to address large-scale societal problems in energy, transportation, health, food and water, economic and financial networks, critical infrastructure, and national security. We are especially interested in candidates whose interests are aligned with the school’s strategic plan (www.seas.upenn.edu/PennEngineering2020).

Diversity candidates are strongly encouraged to apply. Interested persons should submit an online application at http://www.esa.upenn.edu/faculty-positions and include curriculum vitae, statement of research and teaching interests, and at least three references. Review of applications will begin on December 1, 2016.

The University of Pennsylvania is an Equal Opportunity Employer. Minorities/Women/Individuals with Disabilities/Veterans are encouraged to apply.

Duke University

School of Medicine

FACULTY POSITION IN PHARMACOLOGY AND CANCER BIOLOGY

Applications are invited for a tenure track appointment as Assistant Professor in the Department of Pharmacology and Cancer Biology in the Duke University School of Medicine. We are seeking individuals with innovative research programs that will complement that of current faculty (http://pcb.duke.edu).

Applicants should submit a curriculum vitae, a brief statement of past research accomplishments and future research interests and arrange to have three letters of recommendation uploaded electronically to: https://academicjobsonline.org/ajo/jobs/7731.

Complete applications (including letters of reference) submitted by November 30, 2016 will receive full consideration.

Duke University is an Affirmative Action/Equal Opportunity Employer.

NYIT College of Osteopathic Medicine

FACULTY POSITION: Neuroscience

The Department of Biomedical Sciences of the New York Institute of Technology College of Osteopathic Medicine (NYITCOM) seeks a faculty member at the Assistant or Associate Professor level with expertise in teaching and research in Neurosciences. Candidates who use model organisms and/or human subjects in any area of neuroscience research are encouraged to apply, especially those with expertise in sensori-motor control or touch/haptics. Current research in the Department includes microbial infection of the brain, nervous system development, and coordination of limb movements. Core facilities and institutional resources include confocal and scanning electron microscopy, animal facility, biomechanics lab, and an associated clinic for treating neuromotor disorders. Collaborative possibilities within the Department also include cardiovascular disease/heart failure, diabetes, microbiology, renal physiology and development, and thyroid hormone dysfunction. Successful candidates are expected to contribute to the medical school teaching effort and develop an active research program. The medical school provides strong institutional support for both teaching and research activities, including maintenance of core facilities, support for student workers, and access to IT resources.

The successful candidate will possess a Ph.D., D.O., M.D., or D.V.M., at least 2 years of post-doctoral research experience, and demonstrated successful medical education/teaching experience preferred. We offer institutionally-supported faculty salaries, a competitive benefits package, and a professional environment designed to enhance career development. To apply, please e-mail cover letter and resume to: Dr. A. Martin Gerdes, Chair of Biomedical Sciences at agerdes@nyit.edu.

EOE M/F/D/V.
UT Southwestern  
Medical Center  

TENURE-TRACK POSITIONS

The Department of Physiology invites outstanding scientists with Ph.D., M.D., or equivalent degrees to apply for tenure-track faculty positions at the level of Assistant or Associate Professor. Candidates who use innovative optical, mechanical, electrical, molecular biological or computational methods with important applications to physiological systems, ranging from individual genes and proteins to cells and organs are encouraged to apply. The scientific excellence of the candidates is more important than the specific area of research.

These positions are part of the continuing growth of the Department at one of the country’s leading academic medical centers. They will be supported by significant laboratory space, competitive salaries, state-of-the-art core facilities and exceptional start up packages. The University of Texas Southwestern Medical Center is the scientific home to six Nobel Prize laureates and many members of the National Academy of Sciences and Institute of Medicine. UT Southwestern conducts more than 3,500 research projects annually totaling more than $417 million. Additional information about the Department of Physiology can be found at http://www.utsouthwestern.edu/education/medical-school/departments/physiology/index.html.

Applicants should submit a CV, a brief statement of current and proposed research, and summary of two of your most significant publications describing the importance of the work (100-150 words each). Please arrange to have three letters of recommendation sent on his/her behalf. All should be submitted to http://academicjobsonline.org/ajo/jobs/7612. Completed applications will be reviewed starting November 1, 2016. You may email questions to ron.doris@utsouthwestern.edu.

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

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Yale SCHOOL OF MEDICINE  
Department of Neuroscience  
New Haven, CT 06520-8001  
http://medicine.yale.edu/neuroscience/index.aspx  

CELLULAR NEUROSCIENCE FACULTY POSITIONS

The Department of Neuroscience at Yale University seeks to hire faculty who utilize molecular, cellular and genetic approaches to study the development and function of the nervous system and its dysfunction in disease. Candidates employing any model organism are welcome to apply. Emphasis will be placed on recruiting at the level of Assistant Professor, but outstanding applicants at Associate Professor level will also be considered.

We seek candidates with an exceptional track record, potential for outstanding future achievements, and a wish to participate in a dynamic and growing neuroscience community at Yale that includes the Kavli Institute for Neuroscience, the Program in Cellular Neuroscience, Neurodegeneration and Repair (CNNR) and the Swartz Center at Yale. Candidates are expected to develop a productive and innovative research program and will have the opportunity to participate in graduate and medical education.

Candidates must hold a Ph.D., M.D., or equivalent degree. Please send a cover letter, curriculum vitae, up to 3 representative publications, a research plan (strictly limited to 2 pages), and arrange for submission of 3 letters of recommendation. All application materials should be submitted electronically to apply.interfolio.com/37159. Applications will be reviewed as they are received with a deadline of November 18, 2016.

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Perelman School of Medicine  
University of Pennsylvania  

Assistant/Associate Professor of Physiology

The Department of Physiology at the Perelman School of Medicine at the University of Pennsylvania seeks candidates for Assistant or Associate Professor positions in the tenure track. Rank will be commensurate with experience. Responsibilities include establishing and conducting an independent research program, and supervising, mentoring and teaching students. Applicants must have an M.D. or Ph.D. or equivalent degree and have demonstrated excellent qualifications in research.

The successful candidate will have experience in any aspect of physiology or a related field, including neuroscience and cardiovascular science. Candidates working at any or all ranges of physiology (molecular, cellular, and organismal) will be considered. Special attention will be given to investigators using state-of-the-art techniques with research programs that leverage molecular and cellular insights to inform physiological and pathophysiological functions. Research areas of particular interest include signaling, membrane transport physiology, organelle biology, metabolism and structural biology. Applicants at the Associate Professor level are expected to have funding and an internationally recognized track record of creative research productivity and excellence.

Highly competitive lab space and start-up funds are available. 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.

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.

Apply for this position online at: https://www.med.upenn.edu/apps/faculty_ad/index.php/g311/d4042

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SYSTEMS NEUROSCIENCE FACULTY POSITIONS

The Department of Neuroscience at Yale University seeks to hire faculty who use neuronal or circuit level analysis to study the neural basis of behavior and cognition in health and disease. Candidates employing any model organism, from invertebrates to non-human primates, are welcome to apply. Emphasis will be placed on recruiting at the level of Assistant Professor, but outstanding applicants at Associate Professor level will also be considered. We seek candidates with an exceptional track record, potential for outstanding future achievements, and a wish to participate in a dynamic and growing neuroscience community at Yale that includes the Kavli Institute for Neuroscience, the Program in Cellular Neuroscience, Neurodegeneration and Repair (CNNR) and the Swartz Center at Yale. Candidates are expected to develop a productive and innovative research program and will have the opportunity to participate in graduate and medical education.

Candidates must hold a Ph.D., M.D., or equivalent degree. Please send a cover letter, curriculum vitae, up to 3 representative publications, a research plan (strictly limited to 2 pages), and arrange for submission of 3 letters of recommendation. All application materials should be submitted electronically to apply.interfolio.com/35942. Applications will be reviewed as they are received with a deadline of November 18, 2016.

Yale is an Affirmative Action Equal Opportunity Employer. Yale values diversity among its students, faculty, and staff. Women, persons with disabilities, protected veterans, and underrepresented minorities are encouraged to apply.
Assistant Professor Positions in Computational Biology Available

The Lewis-Sigler Institute for Integrative Genomics at Princeton University invites applications for tenure-track faculty positions at the Assistant Professor level. We are seeking outstanding scientists in the areas of bioinformatics, computational biology or biostatistics. The successful candidate would have an established track record of collaborative research with experimental biologists. We are particularly keen to recruit faculty who will extend and complement our existing strengths in bioinformatics and biostatistics.

The Lewis-Sigler Institute for Integrative Genomics, housed in the Carl Icahn Laboratory at Princeton University, was established to innovate in research and teaching at the interface of modern biology and the more quantitative sciences. The Institute provides significant support to its faculty through heavy investment in state-of-the-art infrastructure, an NIH-funded graduate training program, and a high level of administrative support.

Faculty positions are jointly appointed in one of the following academic departments at Princeton: Computer Science, Ecology and Evolutionary Biology, Physics, Chemistry, Chemical and Biological Engineering, or Molecular Biology. 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. The successful candidate will have research laboratories at the Institute, and teaching responsibilities (both graduate and undergraduate) will be shared between the Institute and the home department.

**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](http://jobs.princeton.edu), requisition #1600658 (jobs.princeton.edu/applicants/Central?QuickFind=68888) and should include a cover letter, curriculum vitae, a two-page research description, as well as contact information for at least three references. Applications will start being reviewed beginning on December 1, 2016.

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.

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Assistant Professor Positions Available

The Lewis-Sigler Institute for Integrative Genomics at Princeton University invites applications for tenure-track faculty positions at the Assistant Professor level. We are seeking outstanding scientists with strong interest and experience in quantitative, systems-level approaches to understanding any area in modern experimental biology. Examples include, but are not restricted to, single-molecule live-cell imaging, whole-genome analysis of chromosome topology, high-throughput experimental analysis imaging, metabolomics, and animal development. We seek individuals who will extend and complement our existing strengths in experimental genomics and other –omics approaches, biological chemistry, and biophysics. A strong record of experimental work and quantitative analysis is essential.

The Lewis-Sigler Institute for Integrative Genomics, housed in the Carl Icahn Laboratory at Princeton University, was established to innovate in research and teaching at the interface of modern biology and the more quantitative sciences. The Institute provides significant support to its faculty through heavy investment in state-of-the-art research infrastructure, an NIH-funded graduate training program, and a high level of administrative support.

Faculty positions are jointly appointed in 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. The successful candidate will have research laboratories at the Institute, and teaching responsibilities (both graduate and undergraduate) will be shared between the Institute and the home department.

**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](http://jobs.princeton.edu), requisition #1600659 (jobs.princeton.edu/applicants/Central?QuickFind=68887) and should include a cover letter, curriculum vitae, a concise 1-2 page research vision statement, as well as contact information for three references. Applications will be reviewed beginning on November 15, 2016.

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 POSITION in GENETICS, GENOMICS, and BIOLOGY of CANCER

The Department of Molecular and Human Genetics and the Dan L. Duncan Comprehensive Cancer Center at Baylor College of Medicine invites applications for a tenure-track Assistant Professor, Associate Professor, or Professor position in cancer research. Applicants’ research programs may focus on broad ranging topics in cancer genetic research including cancer genomics, mechanisms of genome instability, cancer model organisms, cancer therapeutics, epigenetics and gene expression, and others. Diverse areas of cancer genetics are welcome, and impact on basic and/or translational cancer research is strongly encouraged.

The Department of Molecular and Human Genetics (http://www.imgen.bcm.tmc.edu/molgen/) ranks #1 among all U.S. genetics departments in both number of grants and total funding from the National Institutes of Health. The Department provides a bridging environment for physicians and basic scientists, promoting a cross-species and multidisciplinary approach to cancer research. Faculty in The Department study disease mechanisms in many organismal contexts including bacteria, yeast, Drosophila, Dictyostelium, *C. elegans*, mouse, and humans.

The Department is committed to translation of basic science into clinical implementation and fosters technology transfer for faculty discoveries. Activities within the Department include basic and translational research, clinical genetics, a joint venture diagnostic laboratory, a long-standing NIH large-scale human genome sequencing center (https://www.hgsc.bcm.edu/), and an exceptional Ph.D. graduate program. More broadly, Baylor College of Medicine is the premier medical school of Texas, home to the NCI-designated Dan L. Duncan Comprehensive Cancer Center (https://www.bcm.edu/centers/cancer-center), and centered in Texas Medical Center, the world’s largest biomedical research complex.

The Department has a total research funding of over $80 million, 62 primary tenured and tenure-track research faculty member and 180 total primary faculty members who are engaged in a variety of approaches to tackling cancer and other diseases. The Department and BCM offer premier recruitment packages and resources to enhance the candidate’s research program. Qualified applicants should email a PDF of their curriculum vitae, 3 letters of reference, and a cover letter stating the 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
Email: mhgfacultyrecruits@bcm.edu

Review of qualified applicants will begin November 1, 2016.


PHYSICIAN/SCIENTIST FACULTY POSITION

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 an NIH large-scale human genome sequencing center, medical student teaching, a PhD graduate program, and residency/fellowship training in medical genetics.

The Department has total research funding of over $80 million, 62 primary tenured and tenure-track research faculty member and 180 total primary 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 with Miraca Holdings to form the Baylor Genetics Laboratories that will help translate genetic discoveries to cutting edge genetic testing for a world-wide audience. Model organisms studied by our faculty include bacteria, yeast, Drosophila, Dictyostelium, *C. elegans*, mouse, and humans.

Faculty also have an opportunity to interact with a vigorous Medical Genetics program with over 25 clinical MD and MD/PhD faculty, 35 genetic counselors, and 25 diagnostic laboratory PhD faculty. 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 currently seeking a physician scientist who has clearly demonstrated ability to conduct high-impact basic, translational and/or clinical research and to compete for scientific funding in the area of medical genetics and/or model organism genetics.

Appointment will be at the Assistant, Associate, or Full Professor level depending on experience.

Qualified applicants should email a .pdf version of their curriculum vitae and a cover letter stating the 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

The Department of Neuroscience and Physiology is seeking applications for two tenure-track faculty positions at the Assistant, Associate or Full Professor level in any area of Neuroscience. The rank and tenure status will be dependent on qualifications. The successful applicant will have demonstrated outstanding achievement and should have a strong publication record. Sustained grant funding is required for appointment to the rank of Associate Professor or Full Professor. The Department is collaborative with strengths in neural development, retinal degeneration, the neural extracellular matrix, and neural circuitry of feeding behaviors. The research laboratories are located in the brand new Neuroscience Research Building equipped with state-of-the-art facilities. Applicants will be expected to maintain a well-funded research program and to contribute to graduate and medical teaching. We offer a competitive startup package and salary compensation. Syracuse is a diverse and affordable metropolitan area located in central New York, with easy access to the Adirondacks, Catskills and Finger Lakes. Proximity to Syracuse University and SUNY ESF further enhance scientific collaboration and funding opportunities. Additional information at: http://www.upstate.edu/neuroscience-department.

All applicants should e-mail a single PDF file containing a cover letter, curriculum vitae, teaching statement, summary of research accomplishments and plans to: neurosci@upstate.edu. Applicants for the Assistant Professor position should also make arrangements for 3 letters of reference. Address letters and inquiries to: Chair, Faculty Search Committee, at neurosc@upstate.edu or Department of Neuroscience & Physiology, NRB 3706, 750 East Adams Street, Syracuse, New York 13210.

Review of applications will begin November 1st, 2016 and continue until the positions are filled.

At SUNY Upstate Medical University we strive to promote a professional environment that encourages varied perspectives from faculty members with diverse life experiences. SUNY Upstate Medical University is an affirmative action, equal opportunity employer; including Veterans and Disabled, committed to inclusive excellence through diversity. A respect for diversity is one of our core values. We are committed to recruiting and supporting a rich community of outstanding faculty, staff and students. We actively seek applications from women and members of underrepresented groups to contribute to the diversity of our university community in support of our teaching, research and clinical missions.

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Tenure Track Faculty

Biology of Aging Research

The University of Wisconsin-Madison is seeking applications for a tenure track Biology of Aging faculty position in the internationally renowned Division of Geriatrics and Gerontology of the Department of Medicine within the UW School of Medicine and Public Health. The position will include a joint appointment in the Geriatric Research, Education, and Clinical Center (GRECC) of the William S. Middleton Memorial VA Medical Center in Madison, WI.

The successful candidate will be expected to develop an independent research program in the Biology of Aging/Geroscience and to contribute to the growth and integration of extensive NIH-funded aging research programs on the UW Campus. Applications from individuals with a background in biochemistry, molecular and cell biology, or molecular studies will be prioritized. Candidates engaging in mechanistic research and those with existing extramural support will receive special attention. The academic rank, salary and benefits will be commensurate with prior qualifications and experience.

To apply, please send a letter of interest and a copy of your most recent curriculum vitae to: Sanjay Asthana, MD, Associate Dean for Gerontology and Professor and Head, UW Division of Geriatrics, c/o Eva Gray, 2870 UNIVERSITY AVE, Room 106, Madison, WI 53705, or e-mail: sa@medicine.wisc.edu.

The UW Madison is an AA/EEO employer; Caregiver and open records laws apply. A background check will be conducted prior to employment.
Tenure-track faculty positions

The Department of Otolaryngology – Head and Neck Surgery at The Ohio State University Comprehensive Cancer Center – James Cancer Hospital and Solove Research Institute is seeking new tenure-track faculty at the assistant, associate or full professor level to join a basic and translational research program that focuses on head and neck cancer.

The program seeks several accomplished scientists within the fields of cancer cell biology, cancer genomics and immunology. Scientists with experience in tumor immunology, cancer stem cells, tumor lineage or single-cell analysis, and translational therapeutics will be strongly considered. Applicants with funded programs or strong evidence of funding potential will be given the highest priority and offered a highly competitive start-up package. Applicants should have a PhD and/or MD degree and will be expected to participate in the research and training mission of the department.

Applicants should send a cover letter describing their interest in the department, along with their CV and brief description of their research interests, as a single PDF document addressed to James W. Rocco, MD, PhD, Professor, Mary E. and John W. Alford Research Chair in Head and Neck Cancer at James.Rocco@osumc.edu.

Review of applications will continue until the positions are filled.

The Ohio State University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status or protected veteran status.

Keck School of Medicine of USC

Department of Stem Cell Biology and Regenerative Medicine
Assistant Professorship in Stem Cells and Regenerative Medicine

The Department of Stem Cell Biology and Regenerative Medicine (http://keck.usc.edu/broadcenter/about-the-center/) is recruiting candidates exploring developmental and regenerative processes in mammalian organ systems. The Department is particularly interested in researchers applying tissue engineering, computational modeling, and genetics and genomic approaches. The Department is housed in the Eli and Edythe Broad Center for Regenerative Medicine and Stem Cell Research within the Keck School of Medicine of USC. Significant resources are available to support all aspects of stem cell research within the building and in adjacent centers. Excellent collaborative opportunities exist across the USC campuses. In addition to its research mission, all members will play an important role in the educational mission of this Department. Generous start-up packages will be awarded to the successful candidates.

Online applications will be accepted, please apply to http://jobs.usc.edu/postings/74098. Applications should include a letter of interest, curriculum vitae, brief 2-3 page outline of research past, present and future, and four letters of reference. The applicant is responsible for ensuring that the completed application is received before October 31st, 2016.

The University of Southern California strongly values diversity and is committed to equal opportunity in employment. Women and men, and members of all racial and ethnic groups, people with disabilities, and veterans are encouraged to apply.

MOUSE GENETICIST FACULTY POSITION

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 an NIH large scale human genome sequencing center (https://www.hgsc.bcm.edu/), 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 180 total primary faculty members who are engaged in a variety of missions including basic and translational research, clinical diagnostic services, and pediatric and adult clinical care. Model organisms studied by our faculty include bacteria, yeast, drosophila, dictyostelium, C. elegans, mouse, and humans.

Faculty also 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 Ph.D. faculty. In addition, the Medical Genetics training program attracts 3-4 clinical fellows per year for ABMGG approved residency training. ABMGG-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 an individual for faculty appointment at rank appropriate for achievement and experience in mouse genetics. The Department has a distinguished history in mouse genetic study of development and disease. It is a center for the Knock Out Mouse Phenotyping (KOMP) 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.

Appointment will be at the Assistant, Associate, or Full Professor level 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

ASSOCIATE SCIENTIST/ASSISTANT PROFESSOR
CANCER BIOLOGY AND CHILDREN’S HEALTH RESEARCH CENTERS

The Cancer Biology (CBRC) and Children’s Health Research (CHRC) Centers (http://www.sanfordresearch.org/researchcenters/) at Sanford Research in Sioux Falls SD, invite applications from researchers for full time faculty at the rank of Associate Scientist within Sanford Research with commensurate rank of Assistant Professor in the Sanford School of Medicine at The University of South Dakota. An historic $400 million gift by philanthropist Denny Sanford has allowed for expansion of biomedical sciences at Sanford Research, an energetic and collegial research community focused on cancer and pediatric research.

For the CBRC we seek outstanding scientists with research programs that span all areas of cancer research, especially those relevant to cancer immunology or immunotherapy. For the CHRC we seek outstanding scientists with research programs on the underlying mechanisms and/or treatment of congenital defects, developmental disorders, pediatric diseases and regenerative cellular therapies. Applicants should hold a PhD, MD or MD/PhD degree and complement the existing strengths and the interdisciplinary and collaborative nature of Sanford Research. Physician Scientists are encouraged to apply. Candidates will be expected to develop independent research programs and secure extramural funding.

Significant institutional support, including modern laboratory space and state-of-the-art facilities, will be provided. In addition, a comprehensive compensation package will be tailored to the individual’s qualifications.

Sanford Health is an Equal Opportunity/Affirmative Action Employer.

Candidates should submit a single PDF including a detailed curriculum vitae, description of research experience and future research plans with specific details on the relevance of their research to cancer biology, cancer immunology, or pediatric research. Candidates should also submit at least three letters of recommendation. Incomplete candidate packages will not be accepted. All application materials should be sent by email to:

Faculty Recruitment Committee
Sanford Research
2301 E. 60th Street North, Sioux Falls, SD 57104
Telephone: 605-312-6004
Email: researchrecruitment@sanfordhealth.org

Director of the Stewart and Judith Colton Center for Autoimmunity

The NYU School of Medicine is accepting applications for the position of Professor and Director of the Judith and Stewart Colton Center for Autoimmunity. The mission of the Colton Center is to elucidate the initiating immunological events and to develop new diagnostics and treatments for autoimmune diseases (http://www.med.nyu.edu/colton-center-for-autoimmunity). The director will lead an extensive research effort among leading physicians and scientists with diverse expertise across the Medical Center’s scientific community in order to to advance translational science in the field of autoimmune diseases.

To qualify, the director must have scientific expertise in the area of immunology, significant publications in high impact journals and a record of success in obtaining NIH funding. Candidates must be an associate or full professor, be able to provide leadership and a strategic vision for the Colton Center.

Applications are electronic only at https://apply.interfolio.com/36764, where you will be asked to upload the following documents:
1. Cover Letter
2. Curriculum Vitae

Equal Opportunity Employer: disability/ veteran. VEVRAA Federal Contractor

FACULTY POSITION IN REGENERATIVE BIOLOGY AND MEDICINE

Regeneration Next Initiative (RNI) 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. RNI is partnering with basic and clinical departments throughout Duke University School of Medicine to hire a tenure-track faculty member at the Assistant Professor level. An appointment at the Associate or Full Professor level is possible for exceptional senior applicants. We invite applications from accomplished scientists with expertise and innovative approaches to developmental and cell biology, quantitative biology, imaging, stem cell biology, mechanisms of tissue regeneration, or tissue engineering.

A primary appointment will be made in a department most relevant to the candidate’s research, with possibilities for joint appointments. Candidates must have a Ph.D., M.D., or equivalent degree and will have a strong record of creativity and productivity in a field broadly related to tissue regeneration. Qualified minority candidates are especially encouraged to apply.

Applicants should submit a cover letter, curriculum vitae, a 3-page total description of accomplishments and research plans, a teaching statement, and at least 3 letters of recommendation by November 15, 2016 to https://academicjobsonline.org/ajo/jobs/7911

Questions may be directed to: Ken Poss, Director, RNI (regeneration@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.
The McGovern Institute for Brain Research is accepting nominations for the 14th annual Edward M. McGovern Prize in Neuroscience. The Prize recognizes an outstanding discovery or significant advance in the field of neuroscience. The prize is $150,000. The recipient presents a public lecture at MIT, hosted by the McGovern Institute and followed by a dinner in Spring 2017.

Nomination Deadline: December 15, 2016

Nomination procedures:
Candidates for the award must be nominated by individuals affiliated with universities, hospitals, medical schools, or research institutes, with a background in neuroscience. Self-nomination is not permitted. Each nomination should include:
- A biosketch or CV of the nominee;
- A letter of nomination with a summary and analysis of the major contributions of the nominee to the field of neuroscience.
- Up to two representative reprints will be accepted.

Selection Procedure:
- Members of the selection committee and faculty affiliated with MIT are not eligible.
- Announcement of the award recipient will be made in January 2017
- Recipient must attend all events to be awarded the prize.


Send nomination packet to: gwolf@mit.edu or Attn: Scolnick Prize Nomination, McGovern Institute for Brain Research, Massachusetts Institute of Technology, 77 Massachusetts Avenue 46-3160, Cambridge, MA 02139.

For more information: http://mcgovern.mit.edu

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**Open Rank Faculty Search**

**Department of Statistics & Biostatistics**

**Center for Integrative Proteomics Research**

The Department of Statistics and Biostatistics and the Center for Integrative Proteomics Research at Rutgers, The State University of New Jersey seek to hire an outstanding faculty member with strong research and teaching interests in statistical analyses of biological and biomedical information. The search is open to all faculty ranks, including tenure-track Assistant Professor, tenure-track Associate Professor, tenured Associate Professor, and tenured Full Professor. Applicants must have Ph.D. in Statistics or related fields, and also a proven track record in research at the interface between advanced analytics and the biological/biomedical sciences. Responsibilities of the position include: teaching and academic advising of both undergraduate and graduate students in statistics, biostatistics or proteomics, and conducting original research. Pursuit of external research funding is expected.

The Department of Statistics & Biostatistics and the Proteomics Center have strong ties. Together they will provide access to a broad array of excellent research facilities and a competitive start-up package. The tenure line falls within the Department of Statistics and Biostatistics in the School of Arts and Sciences-New Brunswick Campus.

The Center is a newly built 75,000-square-foot facility dedicated to fostering interdisciplinary research in the biological and biomedical sciences using complementary quantitative tools of measurement and analysis. The Center is the home of the Institute for Quantitative Biomedicine at Rutgers and the RCSB Protein Data Bank. More information about our programs can be found in the websites: www.stat.rutgers.edu; www.proteomics.rutgers.edu; iq.stat.rutgers.edu; rcsb.org.

Interested individuals should apply online through the Rutgers Interfolio website link (http://apply.interfolio.com/36128) by providing a curriculum vitae, research summary, current research support, and teaching statement, and arranging for submission of at least three confidential letters of reference. Review of applications is expected to conclude in December 2016.

**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.

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**California Institute of Technology** invites applications for a tenure-track faculty position at the assistant professor level in the Division of Chemistry and Chemical Engineering. Candidates with strong commitments to research and teaching excellence are encouraged to apply.

**BIOCHEMISTRY**

Assistant professor level in biochemistry and related areas. The term of the initial appointment is four years and is contingent upon completion of all requirements for a Ph.D. in biochemistry or closely related fields. Interested candidates should apply electronically at https://applications.caltech.edu/job/bmb. Candidates unable to apply electronically may submit curriculum vitae, publication list, teaching statement, description of proposed research, and three letters of recommendation to: Chair of the Biochemistry Search Committee, Division of Chemistry and Chemical Engineering, M/C 164-30, California Institute of Technology, Pasadena, CA 91125. Applications should be received by November 1, 2016.

**CHEMICAL ENGINEERING**

Exceptionally well-qualified candidates at the associate or full professor level may also be considered. The term of the initial untenured appointment is four years and is contingent upon completion of all requirements for a Ph.D. in chemical engineering or in a related field. Interested candidates should apply electronically https://applications.caltech.edu/job/chemeng. Candidates unable to apply electronically may submit curriculum vitae, publication list, teaching statement, a description of proposed research, and three letters of recommendation to: Chair of the Chemical Engineering Search Committee, M/C 210-41, California Institute of Technology, Pasadena, CA 91125. Applications should be received by December 15, 2016.

**CHEMISTRY**

Exceptionally well-qualified applicants at the tenured level may also be considered. Areas of particular interest includes experimental physical chemistry, inorganic chemistry, and biochemistry, although applications in any area of chemistry broadly defined are welcome. The term of the initial appointment is four years, and the appointment is contingent upon completion of all requirements for a Ph.D. in chemistry or in a related field. Interested candidates should apply electronically at https://applications.caltech.edu/job/chemistry. Candidates unable to apply electronically may submit a curriculum vitae, publication list, teaching statement, description of proposed research, and three letters of recommendation to: Chair of the Chemistry Search Committee, M/C 164-30, California Institute of Technology, Pasadena, CA 91125. Applications should be received by October 15, 2016.

EOE of Minorities/Females/Protected Vets/ Disability.
Rutgers University is an Equal Opportunity/Affirmative Action Employer.

Tenure-Track Faculty position
Microbial Pathogenesis
Yale School of Medicine

The Department of Microbial Pathogenesis of the Yale School of Medicine is seeking applicants for a tenure-track faculty position at the Assistant Professor level. Applications at other ranks from more established investigators with a strong record of accomplishments will also be considered. We are seeking applicants using multidisciplinary approaches to investigate host pathogen interactions. Individuals studying viral, bacterial, or protozoan organisms who are interested in the molecular mechanisms of microbial infection, the immunological response to infection, or the host microbiome are encouraged to apply. The position offers an attractive start-up package, excellent laboratory space and a stimulating scientific research environment. Candidates should have a Ph.D. and/or M.D. degrees, suitable postdoctoral research experience, a strong record of research accomplishments, a commitment to develop independent, innovative research programs, and an interest in graduate and medical education.

Review of applications will begin immediately and will continue until the position is filled. Applicants should electronically submit (to Bonnie.Lemelin@yale.edu) a curriculum vitae and a statement of current and future research interests. In addition, applicants should arrange for three letters of reference (addressed to: Chair, Search Committee, Department of Microbial Pathogenesis, Yale School of Medicine) to be sent to Bonnie.Lemelin@yale.edu.

Yale University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women, persons with disabilities, protected veterans, and members of minority groups.

Tufts University

TENURE TRACK FACULTY POSITION
DEVELOPMENTAL/REGENERATIVE BIOLOGY

The Department of Biology invites applications for a tenure-track Assistant or Associate Professor in Developmental or Regenerative Biology with membership in the Allen Discovery Center at Tufts. We seek a creative scholar with primary expertise in large-scale pattern regulation in embryogenesis or regeneration. We expect this individual to use state-of-the-art technology and quantitative approaches toward an integrative, multi-scale understanding and control of anatomical patterning. Ideal candidates will address molecular and computational controls of large-scale morphology, synthesizing data and models across genetics, physiology, and anatomy. Integrating across levels of organization, from molecules to organs, is essential. Aquatic model species are especially welcome, as are approaches that involve biophysical forces, high-performance imaging, optogenetics, in vivo electrophysiology, and computational analysis and modeling beyond the cell level (see http://ase.tufts.edu/biology/ and http://allencenter.tufts.edu/).

The successful candidate is expected to develop an active externally-funded research program, and contribute to graduate and undergraduate courses. A doctoral degree and a record of research productivity are required.

Applicants should use the link https://apply.interfolio.com/56975 to submit a cover letter, a curriculum vitae, and separate statements of (1) research interests and plans and (2) teaching experience and philosophy. Submission of one to three selected reprints in PDF format is encouraged. Applicants should also ensure that three confidential letters of reference are submitted to this link.

Review of applications begins November 1, 2016, and continues until the position is filled.

Tufts University is an Affirmative Action/Equal Opportunity Employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

Tenure Track Faculty Position
in Regenerative Medicine and Cell Biology
Medical University of South Carolina,
Department of Regenerative Medicine and Cell Biology

A tenure track faculty position at the Assistant or Associate Professor level is available for a researcher who uses cellular and/or molecular-genetic approaches to address fundamental aspects of human disease. Candidates interested in the study of cardiovascular or digestive disease using stem cells are particularly encouraged to apply. Competitive salary, laboratory space and start-up funds are available. Candidates at the Associate Professor level are expected to bring a vigorous research program with significant extramural funding. Current research strengths in the department include tissue engineering, pluripotent stem cell differentiation, cardiovascular development, digestive disease, and molecular biology of cell function.

Research is supported by several excellent core facilities specializing in imaging, genetically modified mice and rats, drug discovery, proteomics, genomics, and flow cytometry. A Ph.D. or M.D./Ph.D. degree (or equivalent), plus additional postdoctoral experience are required. Information about the Department can be found at http://cbu.musc.edu.

Applicants should provide curriculum vitae, research plan, and the names of three references through the MUSC employment portal: http://careers.pageuppeople.com/756/cw/en-us/job/493664/univ-assistant-or-associate-professor. Review of applications will begin on October 1, 2016 and continue until the position is filled.

The Medical University of South Carolina in Charleston was established in 1824 and is one of the oldest continuously operating medical schools in the United States. It is ranked in the upper quartile of all freestanding academic medical schools. The university has approximately 2,200 graduate and professional students that are supported by 2,000 faculty members. In 2014 total financial support topped $217 million with $100 million coming from the NIH. This includes funding that supports the NCI–designated Hollings Cancer Center as well as a Clinical and Translational Science Award.

MUSC is an Affirmative Action/Equal Opportunity Employer.
The Division of Biological Sciences at the University of California, San Diego (www.biology.ucsd.edu) hereby announces a Division-wide Excellence Search for a tenure-track or tenured faculty position at assistant, associate or full professor level. We are seeking exceptional candidates in any Section within the Division of Biological Sciences: Cell & Developmental Biology; Ecology, Behavior & Evolution; Molecular Biology; or Neurobiology. Candidates working in any research area within these four Sections are welcome to apply. 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. A successful candidate must have a well-articulated plan of contributing to programs that increase access and success of underrepresented students, as well as faculty and local communities in the sciences. We are especially interested in candidates who have already created or contributed to such programs. A successful candidate will also have served as a role model in mentoring others, with a commitment to helping shape and expand the University’s diversity initiatives (http://diversity.ucsd.edu/).

Review of applications will commence by October 21, 2016 and will continue until the position is 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 will need to submit 3 references, and applicants at the Associate or Full 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.

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.

UC San Diego is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity (http://diversity.ucsd.edu/). All qualified applicants will receive consideration for employment without regard to gender, race, color, religion, sex, sexual orientation, national origin, disability, age or protected veteran status.

Faculty Positions in the Department of Biochemistry and Molecular Biology

The University of Texas Medical Branch (UTMB Health), Galveston, Texas, seeks outstanding faculty candidates at all ranks for tenure-track/tenured positions in the broad fields of Biochemistry and Molecular Biology (http://www.bmb.utmb.edu/).

The ideal candidate will have extensive experience in elucidating the mechanisms of important biomedical problems at a molecular/atomic level. Applicants would be complementing growing strengths within the Department that include structural biology, RNA and DNA biology, molecular virology, and computational biology. The candidates should be energized by opportunities to interact with established biomedical researchers in a highly collaborative biomedical research community and to become outstanding mentors to students and postdoctoral fellows. Rich opportunities exist at UTMB for interactions and affiliations with centers of scientific excellence in structural biology and molecular biophysics, biodefense, molecular medicine, cancer cell biology, infectious diseases, environmental health, aging, and translational sciences (http://www.utmb.edu/centers). In addition to a highly collaborative environment, UTMB offers outstanding core services, including: next-generation sequencing, mass spectrometry, transgenic mouse facility, optical microscopy, flow cytometry, solution biophysics, NMR, X-ray crystallography, cryo-electron microscopy, and bioinformatics (see http://www.utmb.edu/core). Excellent opportunities for scientific interactions also exist through UTMB Health’s participation in the Gulf Coast Consortia and the Keck Center for Interdisciplinary Bioscience (http://www.gulfcoastconsortia.org). UTMB is also a member of the Texas Medical Center.

A very attractive recruitment package of salary, start up funds and newly renovated space will be offered. Interested applicants should submit a curriculum vitae, a summary of research accomplishments, and future goals (max 3 pages), and contact information for three references to: Mariano A. Garcia-Blanco M.D., Ph.D. at BMB.Recruiting@utmb.edu. Applications must be received by December 15, 2016 to be considered.

UTMB Health strives to provide equal opportunity employment without regard to race, color, national origin, sex, age, religion, disability, sexual orientation, gender identity or expression, genetic information or veteran status. As a VEVRAA Federal Contractor, UTMB Health takes affirmative action to hire and advance women, minorities, protected veterans, and individuals with disabilities.
ASSISTANT PROFESSOR OF NEUROSCIENCE

The Department of Biology at the College of William and Mary invites applications for a tenure-track Assistant Professor in Neuroscience beginning Fall 2017 with a preferred research focus using genetically tractable model systems, including, but not limited to, mice, zebrafish, and Drosophila. The successful candidate will employ a range of contemporary neuroscience techniques and is expected to maintain an externally funded research program. Primary teaching responsibilities include an upper-level neuroscience course and an introductory course. The ability to contribute to and excel in teaching at the graduate level and research. The College is an Equal Opportunity/Affirmative Action employer and specifically invites applications from members of underrepresented groups who will enrich the research, teaching and service missions of the university. The College is an Equal Opportunity/Affirmative Action employer and strongly encourages applications from women, minorities, veterans, and individuals with disabilities.

ASSISTANT PROFESSOR, BIOLOGY

Muhlenberg College Biology Department invites applications for a tenure-track Assistant Professor position beginning August 2017. We are seeking candidates who are strongly committed to undergraduate teaching and research in a liberal arts college environment. Teaching responsibilities include an upper-level microbiology course and an introductory course. The successful candidate will also contribute to and excel in teaching at the graduate level and research. The College is an Equal Opportunity/Affirmative Action employer and specifically invites applications from members of underrepresented groups who will enrich the research, teaching and service missions of the university. The College is an Equal Opportunity/Affirmative Action employer and strongly encourages applications from women, minorities, veterans, and individuals with disabilities.

ASSISTANT PROFESSOR

The Department of Chemistry at Indiana University invites applications for a position in our chemical biology and analytical areas beginning August 2017 at the rank of ASSISTANT OR ASSOCIATE PROFESSOR. The search is open to candidates with expertise in bioanalytical mass spectrometry with a strong biological problem orientation in cancer biology, neurodegenerative disease, or childhood disease. The successful candidate will affiliate with Indiana University’s emerging Center for Chemical Biology and Biotherapeutics (C2B2) organized under the Precision Health Initiative (PHI) and the Collaborative Research Centers for Integrative Cancer Research (CRI). Responsibilities include teaching, and an active research program that can integrate with existing CRI research programs. Outstanding candidates will also be considered for a Departmental Chair position. Applications completed by October 15, 2016 will receive full consideration, but the review will continue until the position is filled. Successful candidates will be expected to develop or already have a visible, externally funded research program. Primary teaching assignments will involve upper level chemical biology, biochemistry, or bioanalytical chemistry and undergraduate chemistry.

ASSISTANT PROFESSOR

The Department of Earth, Atmospheric, and Planetary Sciences at the Massachusetts Institute of Technology invites qualified candidates to apply for a tenure track position at the assistant professor level beginning July 2017. We seek an outstanding scientist who has demonstrated potential for innovation and leadership in teaching at the undergraduate and graduate levels and research. The successful candidate will contribute to our Solar System as well as exoplanets, including our neighboring star, and be situated in a dynamic, productive department. The department is home to a large and diverse faculty with research interests in a broad range of areas, including, but not limited to, biophysical chemistry, energy and catalysis, molecular spectroscopy and dynamics, and surface and interface science. In addition to contributing to the teaching, research and service missions of the Department of Chemistry-Biology Interface (CBI) graduate training program in Quantitative and Chemical Biology (website: http://www.chem.indiana.edu/qcb/). A Ph.D. in chemistry, biochemistry or a related field and post-doctoral experience are required. Successful candidates will be expected to develop or already have a visible, externally funded research program. Primary teaching assignments will involve upper level chemical biology, biochemistry, or bioanalytical chemistry and undergraduate chemistry.

ASSISTANT PROFESSOR

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Applications are being accepted at Academic Jobs Online: https://academicjobsonline.org/ajo/jobs/7724

MIT is an Equal Employment Opportunity Employer. All qualified applicants will receive consideration for employment and will not be discriminated against on the basis of race, color, sex, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, ancestry, or national or ethnic origin.
University of Massachusetts Medical School  
Department of Biochemistry and Molecular Pharmacology

CHEMICAL BIOLOGY

The Department of Biochemistry and Molecular Pharmacology at the University of Massachusetts Medical School (http://www.umassmed.edu/bmp/) invites applications for a tenure-track faculty position in Chemical Biology at the rank of Assistant or Associate Professor level. We seek to recruit a dynamic individual who brings a strong chemical perspective to complex systems in biology and medicine. The recruit will join our robust Program in Chemical Biology (http://www.umassmed.edu/bmp/chemical-biology/), a leading center of research that includes more than twenty faculty spanning multiple departments. The position will be highly competitive with regard to start-up funds, laboratory space and salary. The applicant must have a PhD or equivalent and is expected to develop an internationally recognized research program.

Our department offers a vibrant and interactive research community with many opportunities for collaborations within the broader UMass Medical School research community. We are housed in a state-of-the-art building and facilities include x-ray, NMR, Cryo-EM, Mass Spectrometry/Proteomics, Small Molecule Screening, Single Molecule Fluorescence, DNA Sequencing, and High Performance Computing.

Applicants should upload a cover letter, CV, a three-page statement of research (consisting of a one-page summary of past research accomplishments and a two-page summary of future research plans) and the names and contact information of three references to http://www.academicjobsonline.org. After you have finalized and approved the submission of your application materials, references will be notified via email instructing them to upload their letters of support. Please ensure that requested referees upload their support letters by the deadline. The deadline for completed applications and submission of all reference letters is Sunday, November 13, 2016. Review of applications will begin on November 14, 2016 and continue until the position is filled.

Inquiries, but not application materials, may be directed to the Search Committee Chair, Dr. Paul Thompson (paul.thompson@umassmed.edu).

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

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Assistant Professor in Experimental Quantum Condensed Matter Physics

The Department of Physics and Astronomy at the University of Pennsylvania seeks applications from outstanding candidates for an appointment as Assistant Professor in experimental quantum condensed matter physics. Appointment at higher rank can be considered in truly exceptional cases. The successful candidate will develop an innovative research program on quantum phenomena in modern materials that attracts the participation of graduate and undergraduate students and creates collaborative links with other Penn scientists and engineers. We anticipate the candidate’s program will contribute actively to the Laboratory for Research on the Structure of Matter and the newly established Singh Center for Nanotechnology. Applicants must apply online at http://facultysearches.provost.upenn.edu/postings/952. Required application materials include: curriculum vitae with a list of publications, a research statement and a teaching statement. Applicants should also submit the names and contact information for three individuals from whom we will request letters of recommendation.

Review of applications will begin no later than November 1, 2016 and will continue until the position is filled. The Department of Physics and Astronomy is strongly committed to Penn’s Action Plan for Faculty Diversity and Excellence and to creating a more diverse faculty (for more information see: http://www.upenn.edu/almanac/volumes/v58/n02/diversityplan.html).

The University of Pennsylvania is an EOE. Minorities/Women/Individuals with disabilities/Protected Veterans are encouraged to apply.

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Assistant Professor in High Energy Theory

The Department of Physics and Astronomy at the University of Pennsylvania invites applications for an Assistant Professor in high energy theory, broadly defined. Applicants from all areas of high energy physics, including particle physics, string theory, quantum field theory, particle cosmology, and the interface with mathematics are encouraged to apply. Senior appointments may be considered in exceptional cases. Applicants should have a Ph.D., an outstanding research record demonstrating independence and innovation, and strong interest in teaching and mentoring students. Interested candidates should submit materials online at http://facultysearches provost.upenn.edu/postings/951 and include a curriculum vitae with publications, statements of research and teaching interests, and the name and contact information of at least three referees. Recommenders will be contacted by the University with instructions on how to submit a letter to the website.

Review of applications will begin November 1, 2016 and continue until the position is filled. The Department of Physics and Astronomy is strongly committed to Penn’s Action Plan for Faculty Diversity and Excellence and to creating a more diverse faculty (for more information see: http://www.upenn.edu/almanac/volumes/v58/n02/diversityplan.html).

The University of Pennsylvania is an EOE. Minorities/Women/Individuals with disabilities/Protected Veterans are encouraged to apply.
The University of Michigan invites applications for a tenure-track position for a full professor in organic chemistry.

Candidates are expected to develop an independent research program, to publish in top refereed journals, and to demonstrate the ability to perform outstanding independent research. The successful candidate will be expected to establish a prominent and well-funded research program and to excel in teaching at the graduate and undergraduate levels. Successful applicants will have published in top refereed journals and have demonstrated the ability to perform outstanding independent research.

Applications will be accepted until the position is filled. More information is available at the website: https://www.chem.lsa.umich.edu/

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

Apply electronically at: apply.interfolio.com/30499

The Chemistry Department of Boston College invites applications for an academic chair to serve as the new Chair of the Department of Biological Sciences. The new chair will recruit new faculty and a vibrant environment for research and teaching activities. The successful candidate will be expected to develop a creative and innovative research program, to study important biological questions, and to teach biology courses at both the undergraduate and graduate levels.

Applications will be accepted until the position is filled. More information is available at the website: http://mcdb.colorado.edu/

The University of Colorado Boulder invites applications for an internationally recognized scientist with a record of excellence and leadership in the area of molecular or cellular biology. We seek to hire a distinguished and diverse department with a current membership of 30. The successful candidate will be expected to develop a creative and innovative research program, to study important biological questions, and to teach biology courses at both the undergraduate and graduate levels.

Applications will be accepted until the position is filled. More information is available at the website: https://www.chem.lsa.umich.edu/

The Department of Chemistry at the University of California, Los Angeles invites applications for the Chair position in Chemical Biology.

We seek an internationally recognized scientist with a record of excellence and leadership in the area of chemical biology. The new chair will recruit new faculty and a vibrant environment for research and teaching activities. The successful candidate will be expected to develop a creative and innovative research program, to study important biological questions, and to teach biology courses at both the undergraduate and graduate levels.

Applications will be accepted until the position is filled. More information is available at the website: https://www.chem.ucla.edu/

The Department of Chemistry at the University of California, Los Angeles invites applications for a tenure-track position in Developmental Biology.

We seek an internationally recognized scientist with a record of excellence and leadership in the area of molecular or cellular biology. The successful candidate will be expected to develop a creative and innovative research program, to study important biological questions, and to teach biology courses at both the undergraduate and graduate levels.

Applications will be accepted until the position is filled. More information is available at the website: http://mcdb.colorado.edu/

The Chemistry Department of Boston College invites applications for an academic chair to serve as the new Chair of the Department of Biological Sciences. The new chair will recruit new faculty and a vibrant environment for research and teaching activities. The successful candidate will be expected to develop a creative and innovative research program, to study important biological questions, and to teach biology courses at both the undergraduate and graduate levels.

Applications will be accepted until the position is filled. More information is available at the website: http://mcdb.colorado.edu/

The University of Colorado Boulder invites applications for an internationally recognized scientist with a record of excellence and leadership in the area of molecular or cellular biology. We seek to hire a distinguished and diverse department with a current membership of 30. The successful candidate will be expected to develop a creative and innovative research program, to study important biological questions, and to teach biology courses at both the undergraduate and graduate levels.

Applications will be accepted until the position is filled. More information is available at the website: https://www.chem.lsa.umich.edu/
Faculty Position in Tissue Regeneration
Assistant/Associate Professor
School of Molecular Biosciences

The School of Molecular Biosciences in the College of Veterinary Medicine at Washington State University in Pullman, WA, seeks to hire an outstanding individual for a full-time tenure-track position at the rank of Assistant or Associate Professor of Molecular Biosciences, (http://www.snb.wsu.edu/), who will contribute to a recently funded campus-wide interdisciplinary initiative in Functional Genomics through their research involving progenitor cells and their role in tissue development and repair. Candidates should also use CRISPR-Cas technology in their research. The successful applicant will have the opportunity to establish their research programs in a state-of-the-art building, specifically designed and equipped for biological research. Duties will include maintaining a strong, externally funded research program, teaching undergraduate and graduate courses on topics of cell biology and molecular genetics, and participating in service at the school, college, and/or university level. Job requirements include a PhD degree in biosciences or a closely related field with a minimum of two years of post-doctoral training in basic science, veterinary medicine, medicine, or a related discipline by the date of hire. Applicants for an Assistant Professor position must demonstrate the potential to establish and maintain an externally funded research program. Applicants for an Associate Professor position must have established an extramurally-funded research program with a record of peer-reviewed publications and national/international recognition. The successful candidate must demonstrate commitment and the ability to successfully advocate for diversity and values of diversity. Applications, including a cover letter, curriculum vitae, and statements of research interests and teaching philosophy should be submitted electronically via: https://www.wsujobs.com. The position number is 71788. The candidate should also solicit three letters of recommendation to be submitted electronically to the same address. Screening of applications will begin November 1, 2016. Start date is open, and salary will be commensurate with experience. Direct questions to pint@vetmed.wsu.edu. Washington State University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

Polymer Science/Engineering Faculty

The Department of Macromolecular Science & Engineering at Case Western Reserve University (CWRU) is soliciting applications for a full time, tenured or tenure-track faculty position. This position is open to candidates at all ranks, but preference will be given to experienced faculty who would start at the Associate Professor or Professor level. All areas of expertise in Polymer Science and Polymer Engineering will be considered, but it is anticipated that applications in the area of polymer chemistry/synthesis will be preferred. Candidates should possess a Ph.D. or equivalent degree in Chemistry, Chemical Engineering, Material Science or Polymer Science/Engineering. Applications should include a full CV, statement of research plans, statement of teaching, and a list of at least three individuals who can be contacted for letters of recommendation. Complete applications should be sent via email to Charlotte.foster@case.edu, with the subject line “Faculty Application”. The Department of Macromolecular Science & Engineering (Polymers.case.edu), founded 53 years ago, is the home for 14 tenure track faculty, and over 200 B.S., M.S. and Ph.D. students, operating in a research intensive, but highly collegial team. CWRU is located in the beautiful University Circle neighborhood of Cleveland Ohio, home of internationally famous music, art and historical institutions, and a lively student-faculty-focused location.

Competitive candidates for associate professor should have a substantial publication record and a national reputation. Competitive candidates for professor should have achieved records of leadership in the profession and have a strong record of scholarly publications.

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.

CASE WESTERN RESERVE UNIVERSITY

Tenure Track Faculty Position
Anatomy or Physiology

The Department of Biological Sciences at Western Michigan University seeks applications for a position at the Assistant/Associate Professor level beginning in fall 2017, pending budgetary approval. The successful candidate will pursue research that complements existing strengths within the department, establish an extramurally funded research program, teach graduate level courses in their area of expertise, participate in the training of Master and Ph.D. students and serve on departmental and University committees. The successful candidate will also be required to teach an undergraduate course in anatomy or physiology. A Ph.D. and relevant post-doctoral experience are required. Competitive salary and startup funding will be offered. Information concerning the Biological Sciences Department’s programs and faculty can be obtained at www.wmich.edu/biology/.

Western Michigan University is a learner centered, discovery driven and globally engaged university with high research activity, provides Master’s and Ph.D. degrees, and offers a unique opportunity for individuals seeking a balanced research and teaching career. Applicants must apply at http://www.wmich.edu/hr/jobs. Please have three letters of reference sent to Cindy Linn, Ph.D. (cindy.linn@wmich.edu), Anatomy/Physiology Search Committee, Department of Biological Sciences, Western Michigan University, Kalamazoo, MI 49008-5410. Review of applications will begin on Nov 1, 2016, but will be considered until position is filled.

WMU is an Equal Opportunity/Affirmative Action Employer. Minorities, women, veterans, individuals with disabilities and all other qualified individuals are encouraged to apply.

Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.

DOES YOUR LAB COMBINE COMPARATIVE AND EXPERIMENTAL STRATEGIES TO INVESTIGATE SIGNALING NETWORKS?

Michal Herschinkel, Elias Azzenman, Glen Andrews, and Israel Sekler. Sci. Signal. 3, Mr2 (6 July 2010) Image: Omer Barad, Department of Molecular Genetics, Weizmann Institute of Science, Rehovot, Israel.
Founded in 1911, 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 28,000 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 and Research Assistant Professorships**

Applications are invited for a number of positions as Post-doctoral Fellow (PDF) and Research Assistant Professor (RAP), 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, 2017.

PDF and RAP 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
- School of Modern Languages and Cultures
- Faculty of Dentistry
- Centre for the Enhancement of Teaching and Learning
- Computer Science
- Electrical and Electronic Engineering
- Mechanical Engineering
- School of Biomedical Sciences
- School of Chinese Medicine
- Clinical Oncology
- Research Centre of Heart Brain Hormone and Healthy Aging
- Centre of Influenza Research
- Medicine
- Psychiatry
- Centre for Reproduction, Development and Growth
- School of Biological Sciences
- Chemistry
- Physics
- Geography
- Social Work and Social Administration

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.

Research Assistant Professors

The main focus of an RAP’s duty is research. RAPs can however be assigned some teaching duties, up to 50% of the normal teaching load. Applicants should be research active and have a proven publication record. A highly competitive salary commensurate with qualifications and experience will be offered, with a contract-end gratuity and University contribution to a retirement benefits scheme (totalling up to 15% of basic salary). Annual leave and medical benefits will also be offered.

 Procedures

Prospective applicants are invited to visit our web page at http://jobs.hku.hk/ to view the list of the Faculties/Departments/Schools/Centres/Units and their research areas for which PDF/RAP 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/RAP 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.

Application forms (341/1111) can be downloaded at http://www.hku.hk/apptunit/form-ext.doc and further particulars can be obtained at http://jobs.hku.hk/2016. 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 equality, ethics, inclusivity, diversity and transparency; and is committed to a Non-smoking Policy.

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**SCIENCE & DIPLOMACY**
Bayer is a global enterprise with core competencies in the Life Science fields of health care and agriculture. Its products and services are designed to benefit people and improve their quality of life. At Bayer you have the opportunity to be part of a culture where we value the passion of our employees to innovate and give them the power to change.

Head of Quality Control Large Molecules/Biologics (m/f)
Bayer Pharma AG, Wuppertal Elberfeld, Germany

YOUR TASKS AND RESPONSIBILITIES
• Lead the Quality Control Large Molecules (Biologics) function (six lab units with about 50 employees in total) within the Quality Unit
• Ensure the group has adequate personnel, analytical technology and appliances for timely and cost-efficient analysis and characterization of biological final drug products, API’s, intermediates and raw materials including method development and validation
• Provide effective leadership including developing and implementing objectives and business strategies, selecting key personnel and motivating members of the functional area
• Direct the establishment of and have approval authority for Quality Control functions, systems, procedures and specifications for raw materials, intermediates, API’s and drug products
• Ensure compliance with all obligations under drug legislation and cGMP-compliant working practices in the laboratories
• Represent areas of responsibility in external regulatory inspections and serve as a technical resource expert (m/f) in these areas
• Provide expertise and support for training, product investigations, CAPA (Corrective Actions & Preventive Actions), quality and operational improvements to ensure compliance with regulations

WHO YOU ARE
• PhD in chemistry or biochemistry
• Long-term experience in a bio-pharmaceutical Quality Control function, including personnel responsibility
• Advanced knowledge and experience in multiple Quality Control subject matter areas
• Broad cGMP experience and knowledge of Quality Assurance/Quality Control and regulatory compliance (US and EU)
• Strong leadership and interpersonal skills
• Being open-minded and challenging the status quo
• Excellent communication skills in English and German

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The Jackson Laboratory for Genomic Medicine (JAX-GM), a nonprofit biomedical research institute in Farmington, CT, is inviting applications for Assistant, Associate, and full Professors. The campus is dedicated to advancing precision medicine using genomic strategies to understand underlying health and disease, and the development of novel diagnostics and therapeutics. Areas for recruitment include:

— Cell Biology
— Cancer Immunology
— Clinical Genetics
— Human Population and Evolutionary Genetics
— Microbial Genomics, Microbiome Research and Infectious Diseases
— Computational Biology and Bioinformatics (systems biology/interactome analysis)

JAX offers a uniquely collaborative scientific research environment, which is supported by outstanding scientific services, unparalleled mouse and genomic resources, pre- and post-doctoral training programs, and numerous courses and conferences.

Candidates must have a Ph.D., M.D. or D.V.M. degree, and 2-5 years of 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 the Jackson Laboratory campuses in Maine and California.

Applicants must apply online. Please submit a curriculum vitae and a concise statement of research interests as one document to www.jax.org/careers, select Faculty Positions, position #5800. In addition, please have three letters of reference sent to: facultyjobs@jax.org.

The Jackson Laboratory is an Equal Opportunity/Affirmative Action Employer. We consider 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.
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Smithsonian Tropical Research Institute

TWO RESEARCH POSITIONS IN TROPICAL BIOLOGY: MICROBIAL ECOLOGY; and FOREST ECOLOGY AND EVOLUTION

The Smithsonian Tropical Research Institute (STRI; www.stri.si.edu) is pleased to invite applicants to fill two permanent research positions. The first position is part of a new initiative, made possible by generous support from the Simons Foundation, to conduct research on functional roles played by microbes in tropical forests. The second position is for a quantitative biologist conducting research on the ecology and evolution of tropical forests. Successful candidates will develop outstanding, independent research programs, supervise graduate student researchers and post-doctoral fellows, collaborate with Smithsonian staff, and provide service to STRI and the Smithsonian Institution.

STRI is headquartered in the Republic of Panama, with modern research facilities, a library with extensive holdings in the natural and anthropological sciences, and field stations throughout the Republic of Panamá. Staff scientists maintain research programs within a worldwide network of collaborators at diverse academic institutions. Opportunities for mentoring young scientists are available through an internal fellowship program. Formal teaching is possible through educational programs with affiliated universities, but not required.

Incumbents will complement existing strengths at STRI, and within STRI’s Center for Tropical Forest Science / Smithsonian Forest Global Earth Observatory, including, but not limited to, community and population ecology, ecosystem biology, evolutionary ecology, soil-plant interactions, microbial ecology of forests, plant physiology, animal behavior and human impacts on tropical forests. Both positions are based in the Republic of Panama. Early- to mid-career candidates are especially encouraged, but applicants at all postdoctoral stages will be considered.

Minimum Qualifications: A Ph.D. and post-doctoral research experience in a relevant field; an outstanding publication record; demonstrated success in obtaining grants; a commitment to collaborating with a broad array of organismal biologists; and a commitment to communicating science to the public. Demonstrated experience with bioinformatics (microbial biologist) and database management (quantitative biologist) will be an advantage.

To Apply: Interested candidates should submit a cover letter, a summary of research accomplishments and interests, curriculum vitae, three to five significant publications as separate PDFs, and the names and contact information of three references. Send applications electronically to striresearch@si.edu. Address inquiries to Dr. Allen Herre, Chair, Microbial Ecology Search Committee at HerreA@si.edu or Dr. Helene Muller-Landau, Chair, Quantitative Forest Ecology Search Committee, at MullerH@si.edu.

Positions are open until filled; review of applications will begin on 2 December 2016.

STRI is an Equal Opportunity Employer and is committed to diversity in its workforce. Appointments are made regardless of nationality.
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Topics

The Story of Animal Retroviruses
The Pandemic Begins: Early Discoveries
Human and Primate Retroviruses, HIV Origin
The Extraordinary Virus: Molecular Biology
Immunology and Prevention
Antiretroviral Therapy
Pathogenesis and Prospects

Confirmed Speakers

Robert Gallo, Institute of Human Virology, University of Maryland School of Medicine, Baltimore
Glenda Gray, South African Medical Research Council, South Africa
Beatrice Hahn, University of Pennsylvania
Victoria Harden, NIH, Office of NIH History & Stetten Museum (Founding Director, Emerita)
Mark Harrington, Treatment Action Group
Barton Haynes, Duke University School of Medicine
Daria Hazuda, Merck Research Labs
Staffan Hildebrand, Face of AIDS Foundation
Sharon Hillier, Magee-Womens Hospital of UPMC
David Ho, The Rockefeller University
Sharon Lewin, University of Melbourne
Michael Malim, King’s College London
John Martin, Gilead Sciences, Inc.
John Mellors, University of Pittsburgh
Nelson Michael, US Military HIV Research Program
Peter Muyenyi, Joint Clinical Research Centre, Uganda
Martine Peeters, IRD (Institut de Recherche pour le Development) France

Remaining 2016 Meetings

Axon Guidance, Synapse Formation and Regeneration
Sept 20 - 24
Greg Bashaw, Linda Richards, Peter Scheiffele

Mechanisms of Aging
Sept 26 - 30
Vera Gorbunova, Malene Hansen, Scott Fletcher

Germ Cells
Oct 4 - 8
Robert Braun, Geraldine Seydoux

Biological Data Science
Oct 26 - 29
Bonnie Berger, Jeff Leek, Michael Schatz

Transposable Elements
Nov 2 - 5
Rob Martienssen, Phoebe Rice, Donald Rio

Neurodegenerative Diseases: Biology & Therapeutics
Nov 30 - Dec 3
Karen Duff, Richard Ransohoff, John Trojanowski

Blood Brain Barrier
Dec 7 - 10
Robert Bell, Chenghua Gu, Stefan Liebner

Photo: Early October at Cold Spring Harbor

Financial support provided by: Bill & Melinda Gates Foundation, Gilead Sciences Inc., Merck & Co., National Institute of Allergy & Infectious Diseases

CSHL Genentech Center Conferences on the History of Molecular Biology and Biotechnology

www.cshl.edu/meetings