The Department of Pediatrics at the University of Louisville invites competitive applications to fill the position of Scientific Director of the Kosair Children’s Hospital Research Institute (KCHRI). The Institute performs basic and translational research on diseases relevant to pediatric patients. KCHRI faculty research is currently focused on two major areas: (1) neurobiology and (2) the neurologic and cardiovascular complications of obesity and diabetes. Additional pediatric relevant basic science research currently occurs in the Cardiovascular Innovation Institute and the James Graham Brown Cancer Center.

The new KCHRI Director will be expected to expand the extramurally funded research program at the University of Louisville while actively leading the expansion of pediatric-relevant basic science research at the University of Louisville. The successful applicant must have demonstrated effective administrative and leadership experience, a strong record of consistent extramural funding, an excellent publication record, and a track record of successfully mentoring clinician-scientists and basic science investigators. The research focus of the new Director and of subsequently recruited faculty would be determined by the new Director. Candidates with an MD, MD/PhD, or PhD will be considered. A tenure-eligible, endowed Chair and substantial financial support are available for the new Director and the continued growth of the KCHRI. The successful candidate will have a primary academic appointment in the Department of Pediatrics and may also have additional joint appointments in basic science and bioengineering departments to facilitate the training of graduate students and faculty. The Director of the KCHRI reports to the Vice-Chair for Research and to the Chairman of the Department of Pediatrics.

The Academic Programs in the Department of Pediatrics at the University of Louisville cover a broad range of basic science, clinical, and translational research topics supported by over 160 faculty, more than 100 residents and fellows, and highly supportive research and administrative staff. Clinical services are provided at the free-standing Kosair Children’s Hospital of Norton Healthcare and at regional sites throughout Kentucky. Our pediatric programs have substantial philanthropic support. We have been highly successful in recruiting talented faculty and residents to the University of Louisville and to our very enjoyable community.

Applications will be reviewed until the position is filled with the intent to have a new Director in place by the third quarter of 2012. Please submit a cover letter including a statement of research interests, curriculum vitae, and contact information for three references electronically to Bradley B. Keller, MD, brad.keller@louisville.edu, Vice Chair for Research, Department of Pediatrics and Kosair Charities Chair and Chief, Division of Pediatric Heart Research, Cardiovascular Innovation Institute, University of Louisville.

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

Trials and Tribulations of Lab Culture

For many grad students, postdocs, and PIs, the lab in which they work represents a type of “home away from home,” replete with similar territorial issues, responsibilities, and associated “family dynamics.” And just as there are many different types of families, there are many different types of lab cultures. The environment may be competitive or it may be more collaborative. There may be ordered systems of sharing supplies and equipment, or perhaps, as in some families, anarchy reigns. Likewise, members of the “lab family” may enjoy each other’s company or spend as much time apart from each other as possible. Regardless of the type of culture, one always exists, so it behooves the PI to try to manage it.

By Emma Hitt

SETTING THE TONE

When setting the tone for a lab, a common approach used by principal investigators (PIs) is to clearly state the expectations to lab members when they first start. “When someone is thinking about joining my group I am very up front with what my expectations are,” says PI Paul Doetsch, professor and distinguished chair in cancer research, at Emory University School of Medicine in Atlanta, Georgia, adding that one major expectation he has for his lab members is a strong work ethic.

“I clearly communicate my philosophy regarding how my lab should run,” says PI Michael Hengartner, dean of the faculty of science, at the University of Zurich, in Switzerland. “I do not necessarily proselytize, but I do bring it up regularly, particularly when one of my lab members seems to be ignoring my philosophy. I take great pains to make sure that during any recruiting of new lab members, they are informed (or shall I say “warned”) of our lab philosophy. I also make sure that current lab members get an opportunity to meet with prospective new lab members, and I make sure to consider their feedback, since a single ‘dominant negative’ person can kill the good atmosphere of a lab.”

The amount of time a PI spends in the lab is also important for setting the work ethic standard, even if it consists of a regular walk around and interaction with the lab members. Heather Maughan, a postdoctoral fellow who is now in a laboratory at the University of Toronto, in Canada, observes that when “PIs spend almost no time in the lab, lab members tend to be sloppier and not perform all of their duties, such as lab cleanup and sharing of reagents,” she says. “By contrast, PIs who spend a lot of time in the lab tend to run tighter ships.”

According to Maughan, when PIs run tighter ships, there is often-times more of a feeling of camaraderie among the lab workers. In addition, the lab is better organized, which makes the work easier and more efficient. “By contrast, when the PI is almost completely absent from lab life, workers tend to get along superficially, but may be silently wondering who didn’t clean up their mess.”

DISHING IT OUT AND TAKING IT

The issue of critiquing each other’s work and the way it is done also plays an important role in the culture of a lab. “It is very important to me that people openly constructively critique other lab members’ work without the critique being meant or taken personally,” Hengartner explains. “Other lab members should be the toughest reviewers for all our manuscripts.” He adds that his lab works on several different research problems, and “being able to give constructive input is perhaps one of the most useful skills that my lab members develop—a skill that will become increasingly important the further along they are in academia.”

Alan Fersht, a PI at the Medical Research Council Laboratory of Molecular Biology in Cambridge, United Kingdom says he believes in short but frequent contacts rather than lengthier more formal meetings. According to Fersht, wandering around the lab and observing can uncover flaws in techniques and facilitate rapid improvements.

Doetsch says that he tries to maintain a lab culture that provides technicians, students, postdocs, and research faculty a sense of “ownership” of their projects and to give the message everyone is making a significant contribution to the research enterprise, regardless of their specific title or role. “My continued>
position includes heavy administrative duties that preclude me working in the lab,” he explains, “but I make it a point to walk around my lab several times a day to chat with my group and hold individual weekly research meetings with each member to get an update of their progress and provide them with direct, constructive feedback on their activities. I always strongly encourage everyone to discuss their results and other issues affecting their project with their lab colleagues and to not hesitate to disagree with me when necessary.”

According to Doetsch, the research in his lab is discussed in the context of a weekly meeting shared with several other lab groups with common interests from other local institutions to get another level of feedback. “This multi-pronged approach has worked well for minimizing research bottlenecks and promoting collegial interactions within my group and amongst local colleagues with similar research interests.”

Doug Dluzen, currently a graduate student in the Department of Pharmacology at Penn State University, says that he works in a fairly large lab where there are outlets to discuss research problems, and strategies, and “generally there is someone who has stumbled upon a problem before—being able to discuss my issues can be very helpful when troubleshooting an assay or transfection in the early stages of the experiments.”

Dluzen says that he has heard of other more competitive labs—in some cases two students or postdocs working on the same project in the same lab—and it is a race to the finish between the two. “I cannot imagine that system of working—having to hide your results and troubles from those around you,” he says. “I think an open-atmosphere philosophy fosters more creative and collaborative work that brings scientists together and harbors a larger degree of communication and productivity.

PLAYING WELL TOGETHER
Members of any lab are faced with having to share equipment and supplies, and in most labs, signup sheets for equipment and a common ordering system for supplies can help smooth out any wrinkles that can occur with conducting multiple experiments. Dluzen explains that his lab is fairly big and as a result, there is a lab manager who orders reagents and gets final approval from the PI. “We have an online folder and database with a list we update for needed reagents, and they are ordered generally once a week unless something is needed faster,” he says. Equipment such as centrifuges, incubators, and rotating trays are shared routinely by multiple labs, not just the members of an individual lab.

In her lab, says Amy Dear, most recently a postdoc in the Department of Biochemistry, at the University of Colorado at Boulder, everyone is responsible for ordering any reagents that

5 WAYS PIs CAN SET THE TONE IN THEIR LAB

1. As Gandhi said, “Be the change you want to see in the world”
While some students and postdocs will be highly motivated regardless of how you act, most will tend to follow your lead. So, if you want the members of your lab to spend extensive time in lab, you should put in as much time as possible there yourself. Even if you feel that you have “done your time in the lab,” you can still help promote a strong work ethic by working in your office with the door open and perhaps even conducting a few of your own experiments. A walk around in your lab a couple of times a week, including on weekends and evenings, will help your lab members know that you know they are working.

2. Write and espouse a well-defined mission statement for the lab
As with any business, a lab should have a mission statement that should be made known to the lab members and referred to regularly by the PI. A short, simple statement is often best. An example would be “the mission of this lab is to [insert overarching research goal], and in the process promote the conduct of rigorous science and the development of scientific expertise.”

3. Develop a consistent schedule for interacting with lab members
While PIs tend to be extremely busy, a 30-minute to 1-hour meeting per week with each member of the lab may in fact save time since a scheduled opportunity for asking questions can decrease random interruptions during the week. Lab members will appreciate knowing they can have at least a weekly meeting with the PI and this will enhance productivity by providing a hard deadline for them to get their thoughts and work in order.

4. Promote collaboration and critique among lab members
Polite but constructive criticism of lab members’ work should be encouraged. A weekly lab meeting where lab members present their work provides an opportunity for this type of discourse.

5. Establish a clear system for ordering supplies and using equipment
Systems for ordering and equipment use will cut down on conflicts among lab members. Every member of the lab should know how to get the supplies they need, whether by ordering them themselves or through a single person. It helps if the person who does the ordering is competent, organized, and approachable and can communicate directly with you when needed. Sign-up sheets should be made available for all major equipment and lab members should be encouraged to clean up after themselves.
**Professor in Infection Biology**

The Biozentrum of the University of Basel in Switzerland invites applications for a professorship in Infection Biology.

The ideal candidate should perform cutting-edge research at the forefront of the field of Infection Biology using innovative approaches and technologies. The research topic should be related to the study of molecular mechanisms of bacterial pathogenesis and/or innate immune responses to infection. With a strong research record and proven communication skills, the successful candidate will strengthen the research portfolio of the Biozentrum and actively participate in teaching at the undergraduate and postgraduate level. In addition, he/she is expected to interact with other departments of the University of Basel, and with other Life Science institutions in the area. Depending on qualifications the position is at the Assistant (Tenure-track), Associate or Full Professor level.

The Biozentrum offers an outstanding scientific environment and an attractive research endowment. Basel is the home of a vibrant international life science community and provides high standard of living and a superb cultural atmosphere.

Applications, including CV, list of publications and a short research summary, should be sent by e-mail (pdf or zip) to Prof. Dr. Martin Spiess, Dean, Faculty of Science, University of Basel, Klingelbergstrasse 50, 4056 Basel, Switzerland, to dekanat-philnat@unibas.ch. For informal enquiries please contact Prof. Dr. Erich A. Nigg (erich.nigg@unibas.ch, phone: +41-61-267 16 56).

The deadline for receipt of applications is March 19, 2012. The University of Basel is an equal opportunity employer and encourages applications from female candidates.

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**Professor in Spatiotemporal Modeling of Biological Processes**

The Biozentrum of the University of Basel in Switzerland invites applications for a professorship in modeling of spatiotemporal processes in biology. The position can be filled at the Assistant (Tenure-track), Associate or Full Professor level depending on the qualifications of the applicant.

We are searching for applicants that are at the forefront of research and methods development in the field of spatiotemporal modeling in biology including multiscale modeling. The ideal candidate should combine her/his activity in the development of novel computational modeling and analysis methods with a deep understanding of biology and focus on concrete biological questions from a well-defined area of molecular or cell biology in which spatiotemporal processes play an important role. Areas of interest include, but are not limited to, spatiotemporal patterns of gene expression, morphogenesis, and the dynamics of the cell cycle, of membranes, and of chromatin organization. Applications from candidates that combine cutting-edge computational modeling with wet lab approaches are encouraged. The successful candidate will have a strong research record and communication skills, should complement the research portfolio of the Biozentrum, have a desire to engage in local collaborations, and will actively participate in teaching at the undergraduate and postgraduate level.

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Applications, including CV, list of publications and a short research summary, should be sent by e-mail (pdf or zip) to Prof. Dr. Martin Spiess, Dean, Faculty of Science, University of Basel, Klingelbergstrasse 50, 4056 Basel, Switzerland, to dekanat-philnat@unibas.ch. For informal inquiries please contact Prof. Dr. Erich A. Nigg (erich.nigg@unibas.ch, phone: +41-61-267 16 56).

The deadline for receipt of applications is March 19, 2012. The University of Basel is an equal opportunity employer and encourages applications from female candidates.
are needed and for the rest of the lab if they used the last item. “This was an area of conflict in one of the labs I worked in because people often forgot to order supplies when they had used them up,” she says. She also recalled being next to a lab with which they shared equipment and supplies and that seemed to take advantage of the setup. “We ended up making them sign off on anything they borrowed, so we knew what they had returned or replaced. They were also very messy and left our equipment dirty, and it was annoying because we had to develop strategies to deal with it.”

Maughan points out that it is very much up to the PI to set down some ground rules about ordering supplies and fair use of equipment. “If the PIs don’t set rules, workers are usually good about coming to an agreement so that everyone is happy, but sometimes a lab member will think their work is much more important than anyone else’s, and that they deserve to use the equipment/reagents first,” she says.

Doetsch explains that as a PI, he addresses the ordering problem by employing a technician-level lab manager with “good diplomatic skills who monitors supply usage, is the point person for ordering, and serves as the gatekeeper for staying within budget.” He adds that equipment use is self-policed and any issues are discussed openly in a weekly, brief lab business meeting held 15 minutes prior to the weekly shared research meeting. “This is the forum where problems are brought to everyone’s attention and primarily dealt with by the lab members themselves. In these meetings we may focus on a logistical or behavioral problem and its solution although no individual is ever publicly criticized for their actions; we focus on the solution instead, and this has worked very well,” he says.

GLOBAL DIFFERENCES
Lab cultures can also be influenced by their geographic location. Labs in the United States are generally different in two major ways to labs elsewhere in the world. The first is that they tend to have more plentiful resources and supplies compared with labs in other countries. This difference may result from differences in funding and also geographic proximity or isolation. In New Zealand, for example, the PIs tend to maintain relationships more actively with overseas labs and develop collaborative projects, according to Dear. “We are more concerned with saving money in New Zealand as well,” she says. “We wash and reuse most supplies, whereas my lab in the United States orders disposable supplies,” she explains, with the U.S. PI reasoning that he would rather do that than pay his lab members to wash dishes.

The second major difference is that, generally speaking, U.S. labs are much more competitive than labs elsewhere in the world. Henegarner, whose lab is in Zurich, Switzerland, notes that Swiss labs are generally less stressful than U.S. labs—they are, however, often less dynamic,” he says. “I try to bring the best of both cultures together in my lab: ‘optimism, blue sky opportunity philosophy, no fear of failure’ from the U.S., and ‘relaxed atmosphere, willingness to find an appropriate balance between work and family life,’ joie de vivre’ from Europe.”

Shobhana Natarajan, who has worked in labs in India and was most recently a postdoc at the Department of Cell Biology, University of Texas, Southwestern Medical Center, in Dallas notes that in general, resources are more limited in India compared with the United States. “On the positive side, this makes us devise new ways to strategize, reuse, recycle, and minimize wastage,” she says. “On the negative side, we end up spending more time waiting for resources and planning experiments.”

Likewise, Thomas Kean, now a senior postdoc at the Benaroya Research Institute at Virginia Mason Hospitals, Seattle, Washington, who has worked in British labs, says that the main difference is that there is more money in the United States, which makes research much easier. There is also better equipment, which is well maintained, and less worry about ordering reagents. However, Ferst points out that in the United Kingdom they seem to have a very enlightened approach. “We are less formal than our other European counterparts, and we put far less pressure on our juniors than they do in the United States,” he says. “Many Europeans, especially Germans and Spanish, come to the U.K. and don’t want to leave.”

Regardless of location, funds, resources, personality, and all the other variables that go into making up a lab culture, however, “In science, if you don’t work hard, it is unlikely you are going to be successful,” Doetsch says. “Putting in the hours and the ability to overcome setbacks and failures is a great equalizer in research. I tell my students that if they excel in hard work and can ‘roll with the punches’ they will be successful not only in science but in many other situations in life.”

Emma Hitt is a freelance medical and science writer residing in Marietta, Georgia.

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Assistant, Associate or Full Professor Positions in Biomedical Sciences

The Division of Biomedical Sciences within the new School of Medicine at the University of California Riverside is seeking to hire up to four new faculty members at the rank of Assistant, Associate or Full Professor. We are looking for accomplished research scientists in a number of specific areas including cancer, infectious disease, CNS neurological diseases, and cardiovascular and metabolic diseases. Preference will be given to those individuals examining molecular mechanisms of disease who are committed to a collaborative approach to research, and who are expert in their specific disease model.

The successful candidate will be appointed in the Division of Biomedical Sciences, joining a faculty who have directed a successful M.D. program in collaboration with UCLA, since the late 1970s. The new School of Medicine at UCR will be the sixth University of California Medical School and will serve the rapidly growing and dynamic Inland Southern California region by training a much-needed physician workforce and catalyzing innovations in research, education, and health care delivery that improve the health of medically underserved populations.

Areas of research within the Division include integrative immunology (vaccine development, neuro-immune, endocrine-immune, host-pathogen interactions), glial-neuronal interactions, neurodevelopmental disorders, cancer biology, cardiovascular disease, and diseases of ion transport. Particular strengths on the campus include genetics, epigenetics, genomics/bioinformatics, microRNAs, vector biology, bioengineering and nanotechnology, and synthetic and analytical chemistry.

The Division of Biomedical Sciences sponsors an innovative Ph.D. program that integrates the core medical curriculum with biomedical graduate training and research. The successful candidate will be expected to teach in the medical curriculum and actively participate in the Biomedical Sciences Ph.D. program. As such, preference will be given to candidates who are capable of teaching neuro- and/or general pharmacology, pathology, infectious disease (microbiology/virology), physiology (electrophysiology, renal or respiratory) or genetics.

The University of California, Riverside is situated in an historic citrus growing area surrounded by mountain ranges. Riverside is about an hour away from ski slopes, surfing, or hiking in mountain or desert environments, and housing in the area is very affordable. The campus is also located in a prime position to take advantage of the other universities, research institutes, and biotech industries present in Southern California.

Applicants must hold a Ph.D., M.D., Pharm D., or equivalent degree and qualify for a tenure-track/tenured faculty appointment at the University of California. Applications will be reviewed beginning February 27, 2012 and the positions will remain open until filled. To apply, please submit the following items:

- Curriculum vitae
- Statement of research accomplishments and goals and teaching expertise
- Names of four individuals who will be asked to provide letters of reference once a short list is developed

Electronic submissions are encouraged. Send the items to: Violet Vargas, Academic Personnel/HR Analyst, School of Medicine, University of California, Riverside, CA 92521; violet.vargas@ucr.edu.

UC Riverside is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS

Institute of Health Sciences

Shanghai Institutes for Biological Sciences of Chinese Academy of Sciences
and Shanghai Jiao Tong University School of Medicine

The Institute of Health Sciences (IHS), jointly founded in 1999 by Shanghai Institutes for Biological Sciences (SIBS) of the Chinese Academy of Sciences (CAS) and Shanghai Jiao Tong University School of Medicine (SJTUSM), is devoted to translational biomedical research. Supported by solid basic biomedical research of SIBS and clinical expertise of SJTUSM, IHS strives to accelerate the development of novel therapeutic and diagnostic strategies for critical diseases in China and the world. Currently IHS hosts 28 research groups performing their innovative research in the Basic Research Division, the Clinical Research Division, and the CAS Key Laboratory of Stem Cell Biology.

IHS is seeking outstanding young scholars for multiple professor/PI positions to strengthen its research programs in cancer, immunology, stem cell and biomedical material engineering with strong emphasis on translational research. All positions will be supported by the national “1000 Young Talents Program” or the CAS “100 Talents Program.” Applicants must have a Ph.D., M.D./Ph.D., or equivalent graduate degree from reputable educational institutions and have more than 3-5 years of post-doctoral research experience. Special considerations could be offered to individuals with distinguished achievements and expertise.

With a dedicated team of faculty members and administrative staff, IHS has successfully applied for several positions of the “1000 Young Talents Program.” In addition to the research fund provided by this prestigious program, IHS also offers competitive packages including salaries, benefits, generous start-up funds, new laboratory space and state-of-art research facility. Successful applicants will have full access to graduate programs both at SIBS and SJTUSM. Scientists at IHS have an outstanding working environment and excellent opportunities to collaborate with colleagues at SIBS, SJTUSM and world-class hospitals in Shanghai.

Interested applicants should forward their curriculum vitae, a statement of research plan and the names of three references to Ms. Lulu Chen (ihs_rs@sibs.ac.cn). More information of IHS can be found at http://www.ihs.ac.cn.
Faculty Position in Developmental/Cancer Biology

The Department of Anatomy and Regenerative Biology at The George Washington University School of Medicine and Health Sciences (SMHS) invites applications for a tenure-track or tenured position at the rank of Assistant or Associate Professor. We seek an outstanding candidate with demonstrated significant contributions in the areas of developmental signaling networks and stem cell self-renewal pathways; somatic cell reprogramming which has parallels with malignant transformation; or epithelial-to-mesenchymal transition and tumor-propagating cells.

Basic Qualifications: Applicants must have a Ph.D. and/or M.D. degree, a record of top-tier publications, extramural funding and a history of collaborative research.

Current research in the department focuses on normal and malignant aspects of epithelial, hematopoietic and nervous systems; and DNA damage/stress responses in cancer and cancer therapy. The SMHS is centrally located on GW’s Foggy Bottom campus; ample opportunities exist to develop new and strengthen ongoing collaborations with cancer researchers in other departments housed within the building; with basic and applied science departments on campus; and with investigators at the NIH, Children’s National Medical Center and other universities in the Washington DC metropolitan area.

Competitive salary and start-up funds are available for this position. Faculty rank and salary will be commensurate with experience. Application Procedure: Interested applicants must send a complete curriculum vitae, a statement of current and future research interests, and contact information of at least 3 references to Robert G. Hawley, Ph.D. Professor and Chair, Department of Anatomy and Regenerative Biology, SMHS, The George Washington University via email to: anajobs@gwumc.edu. Review of applications will commence on March 3, 2012 and continue until the position has been filled.

The George Washington University is an Affirmative Action/Equal Opportunity Employer.

Assistant/Associate/Full Professor of Neuroscience

The Program in Neuroscience at Washington State University, which is housed in the Department of Veterinary and Comparative Anatomy, Pharmacology and Physiology (VCAPP), seeks to fill a tenure-track, full-time, position available in neuroscience at the rank of Assistant/Associate/Full Professor to begin January 2013. This position is a permanently funded 9-month position with summer funding available for the first two years of appointment. Required: Applicants must have one of the following degrees, a PhD, MD, or DVM degree and at least 2 years post-doctoral research experience. Applicants for associate or full professor positions must provide evidence of an established independent research program (peer-reviewed publications and active extramural funding). Applicants for an assistant professor position should demonstrate potential to establish an externally-funded program (peer-reviewed publications and developed research agenda).

The successful candidate will be expected to develop and maintain an externally-funded research program in cellular and molecular neurobiology. The ideal candidate should have a research focus that complements one or more of the following current departmental research interests in drug addiction, feeding and energy homeostasis, sleep and circadian rhythms, synaptic plasticity, neurodegenerative disease, and affective neuroscience. The ideal candidate should also demonstrate a commitment to biomedical education with preference given to those with a demonstrated ability to teach neuroscience. Duties will include classroom instruction of neuroscience graduate or undergraduate students. The ability to support and mentor graduate students and serve on student, departmental, and college committees is required. Salary and rank are dependent upon qualifications. A generous start-up package is available. Laboratory space will be assigned in a newly-built (completion 2012) state-of-the-art research building specifically designed for neuroscience-based research.

Washington State University has a vibrant neuroscience community and is located in a region having a high quality of life for those who enjoy the outdoors, the arts, and collegiality of neighbors. Screening of applications will begin March 16, 2012. The application must include a cover letter which states what rank is being applied for, curriculum vitae, description of teaching experience and philosophy, summary of research interests and goals, and names and contact information (including email addresses) for three references. Applications with above attachments accepted at www.wsujobs.com/applicants/Central/QuickFind=56758. No paper submissions accepted. Direct inquiries by email to kinslow@vetmed.wsu.edu. EEO/AA
The Mount Sinai School of Medicine (MSSM) is recruiting exceptional investigators and leading researchers to join its growing Metabolism Institute at the Assistant, Associate, and Full Professor levels. The Mount Sinai Metabolism Institute is one of 14 research Institutes that are rapidly expanding and conducting cutting-edge multi-disciplinary basic and translational research. We invite outstanding researchers to use this opportunity and join the institution’s tradition of excellence in basic and translational research in Diabetes and Metabolism. The new recruits will be provided modern and well-equipped prime research space and significant institutional resources.

The Mount Sinai School of Medicine is one of the top research medical schools in the country and is ranked #3 in the nation in NIH funding per investigator. Mount Sinai is currently implementing a $2.25 billion Strategic Plan to enhance its educational, research, and clinical programs. It is known for its outstanding faculty and its innovation, and achievements in research, patient care, and education. The new recruits to the Metabolism Institute are expected to actively collaborate with and utilize the resources of the other MSSM institutes, such as the Institute for Translational Sciences, Cardiovascular Research Institute, Institute for Genomics and Multiscale Biology, and the Experimental Therapeutics Institute, among others.

The prospective candidates should have an outstanding track record of research achievements and strong independent funding. For consideration, please send your CV to: Ms. Symone Riveras; Symne.Riveras@mssm.edu

The Mount Sinai Medical Center is an equal opportunity/affirmative action employer. We recognize the power and importance of a diverse employee population and strongly encourage applicants with various experiences and backgrounds.

Mount Sinai Medical Center – An EEO/AA-D/V Employer.

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**TRANSLATIONAL BIOMEDICAL RESEARCH OPPORTUNITY**

**Genomic Medicine/Bioinformatics**

Sigfried and Janet Weis Center for Research is seeking outstanding independent scientists for full-time research positions at ranks equivalent to Assistant, Associate or Full Professor in the areas of Genomics and Bioinformatics. The Weis Center is a basic and translational research facility of Geisinger Medical Center (GMC) in Danville, PA. **Genomic Medicine** is a strategic focus for translational research at Geisinger.

Genomic Medicine is a strategic focus for translational research at Geisinger.

About the position:
- Expertise in laboratory computational, or statistical genetic approaches
- Expand ongoing research on the genetic basis of disease
- Proven records of innovative research with relevance to human disease research
- Collegial environment with collaborative research opportunities

Geisinger Health System’s advanced electronic medical record system and health information technology infrastructure allows for electronic capture of clinical data and large biorepository of patient specimens.

Technical resources include instrumentation for confocal, TIRF; and single cell fluorescence imaging, microarray analysis, genotyping, DNA sequencing, and flow cytometry, and an AAALAC-accredited animal facility. Substantial resources are available for start-up, ongoing research support and salary.

Qualified individuals should submit curriculum vitae, statement of research interests and three reference letters to Ms. Kristin Gaul, Weis Center for Research, Geisinger Clinical Research, via email (kgaul@geisinger.edu). Please refer to position WCR-3638 in the subject line. Applications will be accepted until the positions are filled.

For more information on research programs at Geisinger visit our website at http://www.geisinger.org/professionals/research/wcr.

Geisinger Health System is an Affirmative Action/Equal Opportunity Employer.

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**Translational Biomedical Research Opportunity**

**INVESTIGATORS/ FACULTY POSITIONS**

**Metabolism Institute**

The Mount Sinai School of Medicine (MSSM) is recruiting exceptional investigators and leading researchers to join its growing Metabolism Institute at the Assistant, Associate, and Full Professor levels. The Mount Sinai Metabolism Institute is one of 14 research Institutes that are rapidly expanding and conducting cutting-edge multi-disciplinary basic and translational research. We invite outstanding researchers to use this opportunity and join the institution’s tradition of excellence in basic and translational research in Diabetes and Metabolism. The new recruits will be provided modern and well-equipped prime research space and significant institutional resources.

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**NYU Langone Medical Center**

**Faculty Position**
- Leon H. Charney Division of Cardiology - http://medicine.med.nyu.edu/cardiology/
- Kimmel Center for Stem Cell Biology - www.kimmelstem.med.nyu.edu

The Leon H. Charney Division of Cardiology and the Helen L. and Martin S. Kimmel Center for Stem Cell Biology at NYU Langone Medical Center invite applications for tenure-track positions at the assistant, associate or full professor level for a leadership position in a new program in Cardiovascular Regenerative Medicine. We seek applicants with an exceptional record of achievement to facilitate the translation of stem cell discovery related to cardiovascular disease - building on fundamental laboratory investigations to clinical evaluation and application. The Leon H. Charney Division of Cardiology and the Kimmel Center for Stem Cell Biology are highly interdisciplinary, and combine research strengths and clinical trial expertise at the NYU Langone Medical Center and the College of Arts and Sciences.

The NYU Langone Medical Center offers excellent resources to support new faculty, including generous start-up packages and core facilities for siRNA screening, cell sorting, imaging, proteomics, mouse molecular genetics, genomics and structural biology. Successful candidates are expected to maintain vigorous independent research programs that will enrich and be enriched by the highly collaborative environment throughout the NYU research community. This is an electronic application process only. Please create your application packet by formatting it as a single PDF document. Use the following page order: 1) Cover Letter; 2) Curriculum Vitae; 3) Research Statement, highlighting the most significant research accomplishments and the relevant publications. Email the application packet to stemcellsearch@med.nyu.edu by March 31, 2012. Three letters of reference should be sent independently to the same email address. NYU Langone Medical Center was founded in 1841 and is an equal opportunity affirmative action employer. Women and minority candidates are encouraged to apply.

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**Mayo Clinic**

**Researchers in Translational Ophthalmology**

**Heal the sick, advance the science, share the knowledge.**

The Department of Ophthalmology at Mayo Clinic in Rochester is expanding its research division and is seeking scientists and clinicians with established translational programs focused in corneal disease, macular or retinal disease, or glaucoma. The successful applicants must demonstrate a track record of extramural funding, and be willing to collaborate with clinicians and scientists in different subspecialties of ophthalmology. Positions are equivalent to endowed professorships and include a competitive start-up package, and ongoing operating support. Credentials of successful applicants will include an MD or PhD (or equivalent) degree, national/international recognition in the field and a track record of NIH or equivalent peer-reviewed grant funding.

Recognized by U.S. News and World Report as one of America’s Best Hospitals, Mayo Clinic is an excellent choice for the candidate who is seeking a career with a premier academic medical center, world-renowned for achievements and innovation. Mayo Clinic is a nonprofit organization with approximately 3,800 physicians and scientists across all locations, working in a collaborative environment focused on integrated patient care, research and education.

To apply and learn more about this position, Mayo Clinic and Rochester, MN, please visit www.mayoclinic.org/scientist-jobs/ and reference job posting number 8120BR. Applications should include a letter of intent (addressed to Jay Erie, MD, Chair of Ophthalmology) and curriculum vitae and bibliography. Specific questions related to the posting should be directed to:

Jay C. Erie, MD
Chair and Professor of Ophthalmology
Mayo Clinic
200 First Street SW • Rochester, MN 55905
c/o schilbe.jennifer@mayo.edu

Mayo Foundation is an affirmative action and equal opportunity employer and educator. Post-offer/pre-employment drug screening is required.
Assistant Professor of Animal Population/Quantitative Genomicist/Geneticist

The University of California at Davis is pleased to announce recruitment for a tenure-track faculty position in Population/Quantitative Genomicist/Geneticist. The successful candidate will join the Department of Animal Science in the College of Agricultural and Environmental Sciences at the rank of Assistant Professor. Criteria for appointment include: a Ph.D. or equivalent, a strong interest in Population or Quantitative Genetics of domestic, feral, or wild animals relevant to animal agriculture, a record of excellence in scholarly research, and demonstrable potential to establish a competitively-funded research program relevant to animal genetics, animal breeding, or population genetics of wild animals impacting the production environment. The appointee will be responsible for teaching undergraduate courses including quantitative and population genetics of domestic animals, be actively involved in undergraduate advising, curricular development and department and university service. The appointee is also expected to guide and mentor graduate students and participate in research and outreach programs consistent with the mission of the CA Agricultural Experiment Station.

Applicants should submit materials via the following website: https://secure.caes.ucdavis.edu/Recruitment/. Additional inquiries can be directed to Professor J.D. Murray (530) 752-3179, jd@murray@ucdavis.edu. The position will remain open until filled but to ensure consideration, applications should be received by April 1, 2012.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.

Assistant Professor in Animal Epigenetics and Stress Physiology

The University of California at Davis is pleased to announce recruitment for a tenure-track faculty position in Animal Epigenetics and Stress Physiology. The successful candidate will join the Department of Animal Science in the College of Agricultural and Environmental Sciences at the rank of Assistant Professor. Criteria for appointment include: a Ph.D. or equivalent, a strong interest in improving sustainable animal production by understanding how environmental, nutritional, hormonal, and behavioral stressors interact with gene expression, a record of excellence in scholarly research, and demonstrable potential to establish a competitively-funded research program relevant to animal stress in sustainable animal agriculture. The appointee will be responsible for teaching an undergraduate course incorporating stress physiology and additional contributions to the departmental curriculum, be actively involved in undergraduate advising, curricular development and department and university service. The appointee is also expected to guide and mentor graduate students and participate in the outreach programs of the department and college.

Applicants should submit materials via the following website: https://secure.caes.ucdavis.edu/Recruitment/. Additional inquiries can be directed to Professor Trish Berger, (530) 752-1267, tberger@ucdavis.edu. The position will remain open until filled but to ensure consideration, applications should be received by April 30, 2012.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.

Assistant Professor in Breast Medical Oncology

The University of Texas MD Anderson Cancer Center, Department of Breast Medical Oncology in Houston, Texas, is recruiting a tenure-track scientist or physician-scientist at the Assistant Professor level to expand and strengthen the translational research capabilities of the department. Research should focus on translating fundamental discoveries made in the laboratory into highly innovative clinical trials. We are especially interested in individuals whose research focuses on breast cancer-relevant growth factor signaling pathways and in developing peptides/smaller molecules that target this pathway into clinical strategies for patients with various molecular subsets of breast cancer. The department is dedicated to excellence in patient care and education related to breast cancer and the training of graduate students, postdoctoral fellows and clinical fellows in cancer biology and prevention and treatment of breast cancer. The department has had a successful Breast Cancer SPORE grant from the National Cancer Institute, NIH career development awards and major grants from the DOD and multiple foundations.

The successful candidate will also have a background that demonstrates her/his ability to work synergistically with both laboratory based and clinical faculty and be able to translate preclinical findings into clinical trials and biomarker development. A Ph.D. and/or M.D. with a proven track record of sustained external peer-reviewed funding and high quality publications in topics related to breast cancer biology is required. The position includes a competitive salary and a startup package commensurate with the level of experience.

Please forward letter of application, indicating position of interest and curriculum vitae along with 3–5 references and a research plan to: JRandall@mdanderson.org

MD Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, sexual orientation, age, religion, disability or veteran status except where such distinction is required by law. All positions at The University of Texas MD Anderson Cancer Center are security sensitive and subject to examination of criminal history record information. Smoke-free and drug-free facility.

Assistant Professor in Biotechnology, Engineering & Telecom

The University of Texas MD Anderson Cancer Center is recruiting a tenure-track scientist for a faculty position in Biotechnology, Engineering & Telecom. The appointee will be responsible for teaching an undergraduate course incorporating stress physiology and additional contributions to the departmental curriculum, be actively involved in undergraduate advising, curricular development and department and university service. The appointee is also expected to guide and mentor graduate students and participate in the outreach programs of the department and college.

Applicants should submit materials via the following website: https://secure.caes.ucdavis.edu/Recruitment/. Additional inquiries can be directed to Professor Trish Berger, (530) 752-1267, tberger@ucdavis.edu. The position will remain open until filled but to ensure consideration, applications should be received by April 30, 2012.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, veterans, and individuals with disabilities.

Assistant Professor in Breast Medical Oncology

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**Department of Molecular Virology and Microbiology**

The Alkek Center for Metagenomics and Microbiome Research (CMMR) and the Department of Molecular Virology and Microbiology at Baylor College of Medicine seek to fill a tenure track faculty position at the ASSISTANT PROFESSOR level. We are seeking investigators with promising track records who are emphasizing Microbiome Research in humans and/or model systems in their scientific programs. While specific research interests may vary, preferred candidates will study programs in host-microbe interactions, mucosal immunity, cell signaling, systems biology, metabolomics and related topics.

At Baylor College of Medicine (BCM), you will find a unique collaborative spirit, a dedication to excellence in patient care and an environment that surpasses its reputation as a research powerhouse and educational giant. BCM is located in the heart of the Texas Medical Center (TMC), the largest incorporated medical center in the world with more than 42 member institutions in 100 buildings. The CMMR is building a highly collaborative environment where exciting advances in our understanding of how microbes impact human health and disease will result from synergistic interactions between collaborating faculty, clinicians, centers and institutions. This position features a competitive start-up package and laboratory/office space and will leverage the facilities and resources located in the CMMR and at BCM/TMC, including the Baylor College of Medicine Human Genome Sequencing Center, one of the three NHGRI-funded Large Scale Sequencing Centers with production scale platforms for the latest generation sequencing technologies.

Successful candidates will synergize with our strengths in metagenomics research to delve into the mechanisms by which microbes impact human health. They will maintain an outstanding research program that focuses on solving core problems in this area, and have a commitment to excellence in teaching. Required qualifications include a Ph.D. and a recognized reputation for innovative scholarship, a distinguished track record for research support and publications, leadership experience of students and trainees, and continued faculty development.

Applicants should submit a cover letter, a curriculum vitae including a publication list, a statement of research accomplishments and future research plans, a description of teaching experience and philosophy, and the names and addresses of three potential referees to the address or email below by March 23, 2012. Search Committee, Alkek Center for Metagenomics and Microbiome Research, Baylor College of Medicine, One Baylor Plaza BCM MS385, Houston, Texas 77030; Telephone: 713-798-5867; email: bcm-mvm-faculty@bcm.edu.

**DIRECTOR OF THE CENTER FOR ORPHAN DISEASE RESEARCH AND THERAPY**

The Perelman School of Medicine at the University of Pennsylvania invites applications and nominations for the position of Inaugural Director of the Center for Orphan Disease Research and Therapy. The primary mission of the Center is to expedite the translational science and development of novel therapies for rare and orphan diseases. The Center will achieve this through the promotion of innovative translational research programs and therapeutic strategies, building on partnerships among investigators, academic institutions, patients and advocacy groups, industry and funding agencies.

The Center provides a truly exciting, one-of-a-kind effort to advance therapies and cures for rare and orphan diseases. The specific Center goals are:

- To unravel the causes and pathophysiology of rare and orphan diseases.
- To unite investigators and clinicians at both Penn and other institutions who are committed to treating and curing rare disorders.
- To extend approaches developed for treatment of one rare disorder to multiple others by enabling technologically advanced basic and clinical research services and platforms.
- To link academicians with both public and private foundations that support biomedical research on rare disorders.
- To provide a facile means for biotech and pharmaceutical companies to engage with academic institutions in rare disease research and therapeutic development.
- To establish a patient-centric advocacy platform, guiding clinical access and empowering donors and foundations to participate in research advances.
- To facilitate communication between academicians and public health authorities who seek to improve the detection and management of orphan diseases.
- To promote funding of orphan disease research from NIH and other federal agencies and to facilitate access of academic investigators to such support.

The Director will report to the Dean of the Perelman School of Medicine. An endowment will be available to provide support for the Director and the Center. Applicants for the position of Director must hold an MD or PhD degree and must be tenure-eligible for a faculty appointment as Professor in the standing faculty at the University of Pennsylvania. The faculty appointment will be in an appropriate department in the Perelman School of Medicine. The successful candidate will possess a distinguished research record, strong communication and leadership skills, experience in both clinical and corporate sponsored research, and a strong commitment to advancing translational research and care both as an advocate and consensus builder. Other valuable qualities include demonstrated administrative skills that can promote integration and collaboration across clinical and research domains and that bridge multiple disciplines, schools and universities, visionary thinking and entrepreneurial spirit, and sound financial acumen to build on a foundation of excellence within an interdisciplinary environment.

**FACULTY POSITIONS**

**Translational Medical Research**

Temple University School of Medicine has recently established a Center for Translational Medicine. We are seeking outstanding scientists for tenure-track faculty positions. Candidates with current funding are preferred but scientists with an excellent track record and coming out of a post-doc will be considered. We seek scientists with a research focus in inflammation, stem cell biology, and proteomics. These positions will complement ongoing basic and clinical research programs in the Departments of Pharmacology and Medicine. The Center occupies space on the recently completed 9th floor (over 25,000 sq ft) of the Medical Education and Research Building. Interested candidates should have an MD, PhD or MD/PhD degree, and a strong academic record. Academic appointment is available at all levels with competitive packages.

Please send letters of interest and CV’s to:

Walter J. Koch, PhD, Director Center for Translational Medicine c/o Nora Baglivo
Temple University School of Medicine 3500 N Broad Street, MEBR 941 Philadelphia PA 19140
Email: nora.baglivo@temple.edu

Temple University is an Affirmative Action/Equal Opportunity Employer and strongly encourages applications from women and minorities.

**BENAROYA RESEARCH INSTITUTE**

**FACULTY RECRUITMENT TRANSLATIONAL RESEARCH**

The Benaroya Research Institute, in Seattle WA, is recruiting an Assistant/Associate Member with an MD, PhD, or MD/PhD degree whose research focuses on biomedical translational research. Close collegial interactions with Institute investigators in autoimmune and immune-mediated diseases, as well as interactions with clinical research and clinical trials programs, offer an environment for innovative interdisciplinary research with a human disease focus. Successful candidates will be considered for academic affiliation with the University of Washington School of Medicine.

For an overview of programs see [http://www.benaroyaresearch.org](http://www.benaroyaresearch.org). Applicants should send a cv, brief statement of research interests, and names of 3 references, prior to March 1, 2012 to: jobs@benaroyaresearch.org, Attn: BRI Faculty Search Committee, #12-06.

EEO/MF
ASSISTANT PROFESSOR OF PLANT PATHOLOGY
Microbial Invasive Species

The Department of Plant Pathology and Microbiology invites applications for a 9-month tenure-track faculty position (research and teaching in the Agricultural Experiment Station), emphasizing the invasion and impacts of microbial (such as bacteria, fungi, viruses) pathogen or symbiont species into agricultural or wildland ecosystems. Applicants studying microbes that regulate invasive plants will also be considered. Approaches could include genetics, genomics, population ecology/evolution, biochemical, bioinformatics, econometrics and/or modeling. The successful candidate will join a vibrant community of researchers studying microbe-host and microbe-environment interactions, have opportunities to collaborate with researchers in UC’s Division of Agriculture and Natural Resources, the Center for Conservation Biology, the Center for Invasive Species Research, the Institute for Integrative Genome Biology, and have access to modern campus facilities in genomics, proteomics, microscopy, ecological sensing technologies and field stations and facilities. Consult www.plantpath.ucr.edu for details about the department. Applicants will be expected to pursue vigorous, extramurally-funded research and contribute to undergraduate and graduate teaching in Programs in Microbiology, Plant Pathology, or Genetics, Genomics and Bioinformatics. A Ph.D. and demonstrated excellence in research are required.

E-mail curriculum vitae, statements of research and teaching interests, selected reprints, and three letters of reference to: Dr. James Borneman, c/o Tiffany Lindsey, Department of Plant Pathology and Microbiology, University of California, Riverside, California 92521-0415; e-mail: PLPAJobs@ucr.edu. Evaluation of applications will begin February 17, 2012, but the position will remain open until filled. Position will be available July 1, 2012.

The University of California is an Equal Opportunity/Equal Opportunity Employer.

Cincinnati Children’s Research Foundation
Division Director of Immunology

Cincinnati Children’s Research Foundation (CCRF) of the Cincinnati Children’s Hospital Medical Center is currently conducting a search for a Director to lead the combined divisions of Immunobiology and Molecular Immunology. The candidate will lead the development and the scholarly, educational and institutional activities for the new division.

The Director will hold an academic appointment at the University of Cincinnati School of Medicine. The ideal candidate will possess a Ph.D., MD, or both and a distinguished national and international reputation for research excellence. The candidate should be a recognized leader in the field of immunology and have a demonstrated background of administrative leadership to include: mentoring faculty, pursuit of external funding and leadership in graduate and post graduate training.

CCRF is one of the largest pediatric research programs in the nation ranking 2nd among all pediatric institutions in funding from the National Institutes of Health and 6th among all American hospitals. Cooperation and collaboration transcends all aspects of the institution allowing us to excel in our education, research and clinical care missions.

Interested candidates should send letter of interest along with CV to: John B. Harley, MD, PhD
Chair, Search Committee
Email: immunologyjobs@chcmc.org
Affirmative Action/Equal Opportunity Institution.
Applications from minority and women candidates are encouraged.

Open Rank Faculty Position
Department of Vision Sciences

The Department of Vision Sciences at the University of Alabama at Birmingham (UAB) invites applications for a full-time faculty position. Scientists with an excellent record of peer-reviewed publications and a currently funded research program are encouraged to apply. The rank and tenure status will be commensurate with the candidate’s experience.

UAB is one of America’s premier research universities, ranking among the top 25 in funding from the National Institutes of Health. Vision research is especially strong at UAB with 55 faculty from eleven departments constituting the Vision Science Research Center, a university-wide interdisciplinary research center. Research areas include retinal biology/disease, myopia, cataract, glaucoma, anterior segment, ocular genetics, and visual and oculomotor systems neuroscience. However, qualified investigators from all areas of the Vision Sciences are encouraged to apply. The successful candidate will have access to fully-staffed core resources which include electronic, computer, machine shop; histology and molecular biology; transgenic; hybridomas; sequencing; confocal, EM, FRET, and multiphoton microscopy; small animal OCT and ERG. MRI facilities include two 3T human systems, a 9.4T small animal system, and a vertical 4.7T system dedicated to non-human primate research. Vision Sciences faculty actively participate in graduate programs including Vision Science, Graduate Biomedical Sciences, Behavioral Neuroscience, and Biomedical Engineering.

Applications should be received by May 31st to ensure full consideration.

The University of Alabama at Birmingham is an equal opportunity, affirmative action employer with a strong commitment to ethnic and cultural diversity among its faculty, staff, and students. Applications from women, minorities, individuals with disabilities and veterans are encouraged.
FACULTY POSITIONS

FACULTY POSITION IN THE LINDA CRNIC INSTITUTE FOR DOWN SYNDROME

The Linda Crnic Institute for Down Syndrome invites applications for a tenure-track faculty position at any level in an area of molecular biology, genetics, genomics, cell biology, neurosciences, psychology or physiology research likely to contribute to an understanding of the causes of, and treatments for, the medical and cognitive ill effects associated with Down Syndrome. Applicants must have a Ph.D., M.D., or equivalent; and postdoctoral research experience. The candidate is expected to develop a vigorous and innovative research program, and have enthusiasm for teaching. The successful candidate will also be a member of one of the departments appropriate to his/her area of research, Molecular, Cellular and Developmental Biology, Chemistry and Biochemistry, Psychology and Neuroscience or Integrative Physiology, and could also be a member of the Institute for Behavioral Genetics or the Biofrontiers Institute.

About the Linda Crnic Institute for Down Syndrome

The Linda Crnic Institute for Down Syndrome is the first medical and research institute with the mission to provide the best clinical care to people with Down syndrome, and to eradicate the medical and cognitive ill effects associated with the condition. Established in 2008, the Crnic Institute is a partnership between the University of Colorado School of Medicine, the University of Colorado Boulder, and Children’s Hospital Colorado. Headquartered on the Anschutz Medical Campus, the Crnic Institute includes the Anna and John J. Sie Center for Down Syndrome at the Children’s Hospital Colorado. It partners both locally and globally to provide life-changing research and medical care for individuals with Down syndrome. The Crnic Institute is made possible by the generous support of the Anna and John J. Sie Foundation, and relies on the Global Down Syndrome Foundation for fundraising, education, awareness, and government advocacy. It is a research and medical-based organization without political or religious affiliation or intention.

Review of applications will begin on 15 February 2012 and continue until the position is filled. Application materials are accepted electronically at https://www.jobsatcu.com, posting number 816026, and should include curriculum vitae and concise statements of research and teaching interests. Applicants must also provide the names and e-mail addresses of three professional references, who will be asked to submit their letters electronically.

For questions or concerns on submitting your materials electronically, please contact medbsrch@colorado.EDU.

The University of Colorado is an Equal Opportunity Employer.

See www.colorado.edu/ArtsSciences/Jobs/ for full job description.

Bureau International des Poids et Mesures

Job vacancy for the post of Director of the Ionizing Radiation Department

The BIPM is an intergovernmental scientific organization whose mandate is to provide the basis for a coherent system of measurements throughout the world, traceable to the International System of Units (SI). Further information about the BIPM can be found on the website: www.bipm.org. The Ionizing Radiation Department provides traceability to the SI for all of the BIPM’s Member States, either directly or indirectly, for radionuclide activity measurements and x-ray and gamma-ray dosimetry.

Duties: Reporting directly to the BIPM Director, the Director of the Ionizing Radiation Department will undertake scientific and administrative duties including: Direct and supervise the scientific work and the development of the Programme; Coordinate Work and budget; Participate in the scientific work of the Department, demonstrating active leadership and continuing professional development; Maintain the Department’s measurement services in accordance with the requirements of the BIPM’s quality management system; Promote metrology, particularly ionizing radiation metrology, including BIPM representational roles to the National Metrology Institutes (NMIs), regional metrology organizations (RMOs), intergovernmental organizations and international bodies with similar objectives to the BIPM; Provide the Executive Secretary role and liaise closely with the President of the Consultative Committee for Ionizing Radiation (CCRI) that meets annually with biennial meetings of its three Sections. Maintain and personally encourage a culture of safe working in accordance with BIPM Health and Safety rules; Manage personnel-related issues in the Department; Participate in the management of the Department’s finances and infrastructure through effective budgeting and expenditure control.

Employment conditions: The BIPM offers a full-time permanent appointment with an initial probationary period of 6 months. Salary and conditions of employment are in accordance with the Regulations, Rules and Instructions applicable to staff members of the BIPM. The BIPM operates its own contributory pension scheme and subscribes to a private medical insurance plan for its staff and their families.

Qualifications and experience: The successful candidate will be expected to have: a PhD or equivalent qualification; at least 10 years of relevant work experience; experience in an equivalent qualification; at least 10 years of relevant work experience; experience in an equivalent qualification.

Applications: Applications should be sent to the BIPM Director, Dr Michael Kühne, BIPM, Pavillon de Breteuil, F-92312 Sèvres Cedex, France, by 29 February 2012 at the latest with a copy by e-mail to idelloro@bipm.org, including a covering letter, a curriculum vitae and a list of publications. Applications should include the names of three referees. Only shortlisted applicants will be invited for interview. Prospective candidates are encouraged to make preliminary contact, in confidence, with either the Director of the BIPM, or the Director of the Ionizing Radiation Department, Dr Allisy-Roberts (allisy-roberts@bipm.org).

The BIPM is an Equal Opportunity Employer.

National Jewish Health attracts thousands of patients each year who team with our expert physicians and renowned experts because We Never Say Never. National Jewish Health is one of the world’s most highly respected institutions for education, research, and treatment for respiratory, allergic, and immune disorders. National Jewish Health has been ranked the #1 Respiratory Hospital in the U.S. by U.S. News & World Report for the past 14 consecutive years.

After a distinguished academic and clinical career Professor Leonid Heifets MD, PhD, DSc has elected to retire from his operational responsibilities within the Advanced Diagnostic Laboratory. The Department of Medicine at National Jewish Health is therefore seeking a dynamic Scientist to head the Mycobacterial Reference Lab. The ideal candidate will have demonstrated excellence in leadership, program development, as well as a strong and successful research track record in Tuberculosis and Non-Tuberculous Mycobacteria (NTM). In addition, the Laboratory Director will be responsible for providing scientific and clinical support to customers (Local, National and International in both commercial, & NGO arenas). Candidates should have at least 7 years of relevant clinical experience in mycobacterial disease research and clinical testing and be eligible to hold an academic rank of Professor or Associate Professor.

Interested applicants should send a CV and cover letter to Andrew Cunningham PhD, Executive Director, ADx Laboratories National Jewish Health, Denver CO 80206. Email care of Jessica Tidball tidballj@NJHealth.org or by fax (confidential) +1-303-398-1669.

National Jewish Health is an Affirmative Action/Employer, and we are committed to hiring a diverse and talented workforce. EOE/AAMA/Disabled/ Vet/ Tobacco Free Campus.
The Center of Cancer Research (CCR), National Cancer Institute (NCI), National Institutes of Health (NIH), Department of Health and Human Services (DHHS), is accepting applications for two positions as Principal Investigators in the Laboratory of Biochemistry and Molecular Biology (LBMB) at the Tenure-Track or Tenure-eligible levels. LBMB is a focus of basic research excellence in chromosome and chromatin biology, an area of central importance to cancer biology and the mission of CCR, NCI. LBMB provides a highly interactive environment for scientists and promotes synergetic interactions with intramural and extramural laboratories to promote interdisciplinary research to solve problems of fundamental importance.

We are seeking candidates whose research programs address basic biological problems and who have demonstrated excellence, originality, and productivity in research in the areas of biochemistry, cellular, molecular, and/or developmental biology. We are especially interested in applicants using innovative approaches to topics in the broad areas of chromosome and/or genome function. LBMB research programs are integrated into the NCI Center of Excellence in Chromosome Biology (https://ccrod.cancer.gov/confluence/display/CECB/Home), and the excellent research environment at the Bethesda campus of the NIH affords ample opportunities for intellectual interactions and collaborations with basic and clinical scientists. Research activities within LBMB are supported by core facilities including Functional Genomics, Proteomics, Imaging, and Flow Cytometry cores. The successful candidate will perform independent research funded by the NCI Intramural Research Program.

Candidates must have a Ph.D. and/or M.D. degree with a proven ability to conduct innovative research. Salary is commensurate with research experience and accomplishments. To apply, submit a cover letter, curriculum vitae including publication list, statement of research accomplishments and future plans, and three letters of recommendation to NCILBMBsearch@mail.nih.gov or Dr. Shiv Grewal, Chief LBMB, 9000 Rockville Pike, National Institutes of Health, Building 37, Room 6106C, Bethesda, MD 20892. Electronic submissions are encouraged. This position is not restricted to U.S. citizens only. Review of applications will start on March 20, 2012 and continue until the positions are filled.

DHHS, NIH, and NCI are Equal Opportunity Employers.
Skolkovo Tech
Skolkovo Institute of Science and Technology

The Skolkovo Institute of Science and Technology (SkTech) and The Massachusetts Institute of Technology (MIT) announce Round One:

**Call for International Research Center Proposals**

White Paper Deadline: **March 13, 2012**  
Invitations to Submit Full Proposal: **April 14, 2012**  
Research Awards Announced: **June 30, 2012**

Research Center Proposals:  
**US $6 million to US $12 million**  
per center, per year for up to five years

Planning Award Proposals:  
**US $30,000** for up to one year

SkTech is a new graduate research university in Russia, launching in collaboration with MIT and the Skolkovo Foundation. SkTech aims to create a pioneering interdisciplinary model for graduate education and research; integrating teaching, research, innovation and entrepreneurship.

Up to 15 research centers will be formed at SkTech. Each research center will be a collaboration among SkTech and both a non-Russian and a Russian participant, and will function as an interdisciplinary international research initiative.

This Call for Proposals is open to Russian and non-Russian universities and research institutions with significant research and educational capacity.

**Biomedical**  
**Energy**  
**Information**  
**Nuclear**  
**Space**

Full details at: [web.mit.edu/SkTech/rc-call](http://web.mit.edu/SkTech/rc-call)  
Contact us at: [SkTech-rc-call@mit.edu](mailto:SkTech-rc-call@mit.edu)
POSTDOCTORAL FELLOWSHIPS
Institut Pasteur, Paris, France

Come work in Paris at the Institut Pasteur, the world-renowned, private, not-for-profit research organization. We invite applications from outstanding Fellowship candidates to any of 130 laboratories within our 10 departments. Areas include: developmental and cell biology, epidemiology, immunology, genomics, gastroenterology, neuroulology, structural biology, parasitology, mycology and virology. Next deadline: March 16, 2012. Annual package is $70,000 for three years. U.S. citizenship required.

E-mail: pasteurus@aol.com. Website: http://www.pasteurfoundation.org.

FACULTY POSITION
Chemical Biology

The Department of Biochemistry & Molecular Biology at the Drexel University College of Medicine invites applications for postdoctoral faculty position at the ASSISTANT or ASSOCIATE PROFESSOR level. We seek interactive individuals who are working at the interface of chemistry and biology, using biochemical and/or biophysical approaches to tackle important biological problems in biology and medicine. Areas of particular interest include protein structure/function, inhibitor/drug design, mechanistic enzymology, metallo-proteins, cell signaling, and metabolism. Individuals whose research complements existing strengths in the Department of Biochemistry (http://www.drexel.edu/med/biochemistry) are especially encouraged to apply. The Department is conveniently located in Center City Philadelphia, and offers a collegial and stimulating environment with opportunities for collaboration. Competitive startup funds are available. Successful candidates will have a Ph.D. and/or M.D., relevant postdoctoral experience, and a strong record of research accomplishments. Faculty are expected to establish rigorous, independent, and well-funded research programs and to participate in graduate and medical education.

The Drexel University College of Medicine is the nation’s largest private medical school. Drexel University is ranked among the top 100 universities in the nation, and has been named as one of the top “Up-and-Coming” national universities in the 2011 U.S. News College Rankings.

To apply, please submit a single PDF containingcurriculum vitae, statement of research interest, statement of teaching philosophy, and names of three references to e-mail: lucia.boyer@drexelmed.edu; please include the words “Chemical Biology Search” on the subject line.

DEAN
School of Veterinary Medicine
University of Wisconsin-Madison

The University of Wisconsin-Madison invites applications and nominations for dean of its School of Veterinary Medicine. The dean serves as the chief academic and executive officer of the school with responsibility for faculty and staff development, personnel oversight, fund raising, budget planning and management, curriculum, student academic affairs, clinical resources, facilities development, and has oversight of the Veterinary Medical Alumni Association. Successful applicants will have a Ph.D. or equivalent degree and demonstrated excellence in veterinary education, research, and administrative leadership. The University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action employer with a strong commitment to diversity in the workforce. Applications should be submitted and should include a letter of interest, statement of academic and administrative goals (maximum 5 pages), and a curriculum vitae. Submit electronic applications/nominations to e-mail: Vet-Med-Dean-Search@secfac.wisc.edu by 9 March 2012 to consider.

The University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action Employer.

FACULTY
Department of Cancer Biology

Mayo Clinic in Florida and the Mayo Clinic Comprehensive Cancer Center seek an outstanding investigator in basic cancer research (Ph.D., M.D., or M.D.-Ph.D.) to join the Department of Cancer Biology at the rank of ASSISTANT, ASSOCIATE, or FULL PROFESSOR. Established in 2003 at the Mayo Clinic in Jacksonville, Florida, the department currently consists of a highly interactive core of NIH-funded faculty working on various aspects of basic and translational tumor biology. Current strengths include expertise in oncogenic signaling mechanisms, molecular mechanisms of carcinogenesis, cancer genomics, epigenetics, tumor microenvironment, and molecular mechanisms of invasion and metastasis. The ideal candidate would establish an NCI-funded research program that complements current strengths and expands expertise in cancer stem cell biology, cancer genetics, cell cycle progression and/or mechanisms of cell death, though all qualified candidates will be considered. The Griffin Cancer Research Building is a state-of-the-art facility dedicated to cancer research and provides ample space for future growth. The Mayo Clinic’s NCI-designated multi-site Comprehensive Cancer Center facilities throughout across all Mayo Clinic sites and provides potential interactions with several associated SPORES. Interested parties should send a cover letter, curriculum vitae, contact information for three references, and a research program description to Jenni Bachhofer (email: jenni@mayo.edu), secretary to Dr. Panos Z. Anastasiadis, Chair of the Cancer Biology Department. Mayo Clinic is an Equal Opportunity Employer.

ASSISTANT PROFESSORSHIP in Neurobiology
Western Washington University

The Biology Department at Western Washington University (WWU), a regional comprehensive university located between Seattle and Vancouver B.C., invites applications for a tenure-track, assistant professor position, beginning September 2012. We seek an individual committed to undergraduate and M.S. education who will establish a vigorous research program that might involve an interest in Ph.D. education. Postdoctoral experience in neurobiology required. Applicants who can contribute a molecular and cellular approach to our Behavioral Neurosciences program are of particular interest. The applicant must provide evidence of the ability to teach introductory and advanced anatomical and cellular biology and advanced courses in neurobiology and in cell biology or genetics. Review begins February 27, 2012. See full position announcement, including all required qualifications, at website: http://biol.wwu.edu/biology/. For application information and instructions, go to the WWU Employment website: http://www.wwu.edu/jobs/AffirmativeAction/EqualOpportunityEmployer.

POSTDOCTORAL FELLOWSHIPS
The Institute of Marine and Coastal Sciences at Rutgers University seeks two Postdoctoral Fellows in the areas of biological, chemical, geological, and physical oceanography. Prospective candidates should foster creative research avenues and interactions among existing faculty. The two Postdoctoral Fellow positions are one-year renewable appointments. Review of applications will commence on February 15, 2012—applications will continue to be accepted after that time and reviewed on an ongoing basis. To apply, please electronically send curriculum vitae, statement of research interest, and names of three references to Dr. Richard A. Lutz (Director, Institute of Marine and Coastal Sciences) e-mail: postdocsearch@marine.rutgers.edu (please include “Postdoc” in the subject line).

HARVARD MEDICAL SCHOOL

POSTDOCTORAL POSITION available to study the molecular and cellular mechanisms of Alzheimer’s and Parkinson’s diseases. Recent Ph.D.s with strong background in molecular biology, biochemistry, and/or electrophysiology are encouraged to apply. Prior experience in slice physiology, calcium imaging, or mitochondrial analysis is preferred. Send curriculum vitae to Dr. Ji Shen (website: http://www.shenlab.net) at e-mail: jshen@rics.bwh.harvard.edu.

DEAN
School of Veterinary Medicine
University of Wisconsin-Madison

The University of Wisconsin-Madison invites applications and nominations for dean of its School of Veterinary Medicine. The dean serves as the chief academic and executive officer of the school with responsibility for faculty and staff development, personnel oversight, fund raising, budget planning and management, curriculum, student academic affairs, clinical resources, facilities development, and has oversight of the Veterinary Medical Alumni Association. Successful applicants will have a Ph.D. or equivalent degree and demonstrated excellence in veterinary education, research, and administrative leadership. The University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action employer with a strong commitment to diversity in the workforce. Applications should be submitted and should include a letter of interest, statement of academic and administrative goals (maximum 5 pages), and a curriculum vitae. Submit electronic applications/nominations to e-mail: Vet-Med-Dean-Search@secfac.wisc.edu by 9 March 2012 to consider.

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2012 NOMINATIONS NOW OPEN

The BBVA Foundation Frontiers of Knowledge Awards are intended to recognize basic research and creative work of excellence, as embedded in theoretical advances, models and fundamental perspectives for an improved understanding of the natural, social and artificial or technological worlds, technological innovations and developments, and the creation of outstanding works or new artistic or interpretative styles in contemporary classical music. Awards also go to significant achievements that advance our understanding or deliver material progress with regard to two key challenges of the global society of the 21st century: climate change and development cooperation.

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- Contemporary Music
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**Award content**
Awards in each category will comprise €400,000 prize money, a diploma and a commemorative artwork.

**Nominations**
Nominations can be made by institutions and organizations working in the knowledge areas covered in each category.

**Closing date**
The closing date for submissions is 23.00 hours GMT on June 30, 2012.

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**POStDOCTORAL FELLOwSHIPS**

**Harvard Medical**

We are seeking a motivated individual to join studies on molecular mechanisms of lung injury and repair on animal models of lung disease. We focus on pulmonary hypertension, chronic lung disease, and hypoxic signaling. Current projects explore the therapeutic potential of stem cells on lung disease and the cytoprotective & anti-inflammatory functions of heme oxygenase.

The successful candidate will command significant resources and facilities available from the Harvard and the New England area.

For more information access our website: http://www.sjh.harvard.edu. 

**E-mail:** trombetta@stjohns.edu 

St John’s University is an Equal Opportunity Employer and encourages applications from women and minorities.

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**FACULTY POSITIONS**

**Medical School**

The Saint James School of Medicine, an international medical school (website: http://www.sjms.edu), invites applications from candidates with teaching and/or research experience in any of the basic medical sciences for its Caribbean campuses.

Senior faculty positions are currently available in Pathology and Anatomy. Applicants must have M.D., D.O., and/or Ph.D.

Teaching experience in the U.S. system is desirable but not required. Retired persons are encouraged to apply. Attractive salary and benefits.

Submit curriculum vitae electronically to e-mail: sjmcoordinator@sjms.org or mail to: JHDS Inc., 1480 Renaissance Drive, Suite 300, Park Ridge, IL 60068.

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**MARKETPLACE**

**CHAIR**

The Philadelphia College of Pharmacy at University of the Sciences in Philadelphia invites applications for the position of Chair, Department of Pharmaceutical Sciences to begin July 1, 2012. The successful candidate will possess the ability to bring the department to the next level of national recognition and achievement. For a full job description and application details, visit us at: http://www.usciences.edu/humanresources/employment.

**Affirmative Action/Equal Opportunity Employer.**