Tenure Track Faculty Positions
Cardiovascular and/or Renal Physiology

The Department of Pharmacology and Physiology at Drexel University College of Medicine invites applications for tenure-track positions at the Assistant or Associate Professor level. This initiative continues our effort to attract an exceptional and diverse faculty to contribute to the overall scientific and translational growth of the University. We are particularly interested in outstanding candidates with strong research interests in cardiovascular and/or renal physiology. Candidates are expected to establish or continue active extramurally-funded research programs and to participate in the teaching of medical and graduate students. Competitive start-up packages will be available to facilitate transition and productivity.

Candidates for these positions should possess primary and focused expertise in the designated areas, but are expected to embrace a broad, integrative focus with a range of skills, technical expertise and a spirit of collaboration. The Department of Pharmacology and Physiology is one of four basic science departments within the College of Medicine. Collaborative efforts are strongly encouraged within Pharmacology and Physiology, with other basic science and clinical departments, the School of Biomedical Engineering and across the University, as well as with other institutions and organizations within the Greater Philadelphia Area.

The Department of Pharmacology and Physiology is in the process of renovating substantial laboratory and support space to accommodate new and existing faculty as part of the overall initiative to enhance the research infrastructure and educational strengths. Additionally, a M.S. program in Drug Discovery and Development has been established to provide advanced graduate-level training and to encourage future collaborations between academia and industry.

For more information please consult the following the Departmental website (http://www.drexelm.edu/Home/AboutTheCollege/DepartmentsCentersandInstitutes/BasicScienceDepts/PharmacologyandPhysiology.aspx). Applicants should submit a curriculum vitae, a statement describing their current research and future research directions, and the names of three references to Carolann.Imbesi@Drexelm.edu. Review of applications will begin immediately with the intent of hiring by the fall of 2012.

Scientist & Head of the Microscopy Core Facility

The Max Planck Institute of Neurobiology (MPIN) in Martinsried near Munich, Germany, is one of the leading neuroscience research institutes with about 10 groups conducting cutting-edge basic research in molecular, cellular and systems neurobiology. The institute houses state-of-the-art facilities and has a lively, highly international atmosphere.

The MPIN invites applications for the position of head of the microscopy facility.

The core facility currently houses four microscopes for multi-spectral confocal laser scanning. It provides high quality service and training for a wide range of users and applications. Research groups here employ multiphoton microscopy, time-lapse imaging and optogenetics. Extensive hands-on experience in image acquisition and data processing and outstanding interpersonal skills are essential. The head of the facility is expected to develop new and adapt emerging microscopy techniques, potentially also as leader of a research unit. A competitive budget will be provided to expand the existing instrumentation and support innovative research.

The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in those areas, where they are underrepresented, and therefore explicitly encourages women to apply.

Applications can be sent to
Max Planck Institute of Neurobiology
Verwaltung
Am Klopferspitz 18
82152 Martinsried
ACCELERATE YOUR CAREER
AT LIFE TECHNOLOGIES CHINA.

Life Technologies is the world’s most innovative biotechnology company formed with the merger of Applied Biosystems and Invitrogen. If you’re thinking about accelerating your career, there’s no better place to do that than in China, the world’s fastest growing economy, with a fast growing company. A company of people working together to shape discovery and improve life.

For more information, visit lifetechnologies.com/careers/cn
The CPN is currently home to 80 scientists and investigators, 30 technical support staff close proximity to each other, facilitating the path from bench to bedside. It is located in Sainte-Anne hospital, which has a long record of excellence in psychiatry and clinical neurosciences and attracts clinical and basic science students and visiting scholars from around the world. Sainte-Anne hospital drains the largest clinical population for psychiatry in France, and for cerebrovascular diseases in the Paris area. The CPN is currently home to 80 scientists and investigators, 30 technical support staff and 40 trainees, spanning the spectrum from basic to clinical research, particularly in translational and biological psychiatry, cerebrovascular sciences, and cognitive neuroscience. Laboratory-based research programmes are currently located in a 2,800 Sq-meter building, with in-house molecular and cellular biology, imaging, and behavioural facilities and animal house. Laboratories are planned to move into a new building of 5,000 Sq Meters, scheduled for occupancy in 2014. Clinical research facilities (including biobank, clinical research centre, human brain imaging (1.5 and 3T MRI)) are also available.

The Director will be an eminent scientist, MD, PhD or both, with a track record of excellence in fields relevant to psychiatry and/or translational neurosciences, and documented leadership credentials in an academic research setting. He/She will serve as Chief Scientific and Executive Officer, with a mandate to expand the Centre’s existing strengths, and enhance the international stature of the CPN. He/she will be expected in parallel to carry out his/her own research in the Centre, whose facilities will be made available.

Applicants should send an expression of interest, research statement (not exceeding 5 pages), curriculum vitae and three letters of recommendation or names of references to maurice.nakache@inserm.fr, at Centre for Psychiatry & Neuroscience, 2 ter rue d’Alésia 75014, Paris, France. To receive full consideration, applications should be submitted by June 3rd, 2012. Salary and position will be tailored to the qualifications of the successful applicant.

**Duke University**

**Energy and Environment Hire**

Tenure-track position in the field of Energy and Environment at assistant, associate, or full professor level.

As part of Duke University’s new Energy Initiative, the Division of Earth and Ocean Sciences in the Nicholas School of the Environment invites applicants for a tenure-track faculty position at the assistant, associate or full professor level in the field of Energy and Environment. The candidate should have a strong science or engineering background, an understanding of energy issues beyond his/her area of technical training, and the ability and interest to interact with colleagues from a wide spectrum of fields on interdisciplinary energy problems. We are particularly interested in candidates who have expertise in energy systems, i.e. the integrative use of energy by humans, including energy resources, power generation and distribution, energy technologies, and the connection between energy use and climate change. The candidate’s work will ideally reflect a long temporal (decadal and greater) and large spatial (regional to global) scale perspective on energy systems.

If a senior candidate is hired, he/she will assume Directorship of the Nicholas School’s Energy & Environment Program, which encompasses leadership of the Energy and Environment Concentration in the School’s Professional Masters of Environmental Management Program, and leadership roles in Duke University’s Undergraduate Certificate in Energy and Environment and in the University’s Gendell Center for Engineering, Energy & Environment, the latter two of which are jointly administered by the Nicholas School and Duke’s Pratt School of Engineering. The successful candidate will also join the Faculty Advisory Council of Duke’s new Energy Initiative. This Council consists of energy experts from across the University and is responsible for developing, coordinating, and promoting a shared set of energy courses and programs, and energy faculty hiring at Duke. More on the Initiative can be found at energy.duke.edu. The Nicholas School focuses on leadership in education, research, and service to understand basic earth and environmental processes, to understand human behavior related to the environment, and to inform society about the conservation and management of the environment and its natural resources. Research interests within Earth and Ocean Sciences and the Nicholas School that will complement this position include climate dynamics, water resources, land-use change, and environmental science and policy. Additional interactions with respect to energy are possible with the Pratt School of Engineering, Trinity College of Arts & Sciences, the Fuqua School of Business, the Sanford School of Public Policy, the Law School, and the Nicholas Institute of Environmental Policy Solutions.

Letters of interest should include a curriculum vitae, a brief statement of research goals and accomplishments, and 3 references as PDF files to: Jonathan Karn, Ph.D., Chair, Virology Search Committee at: http://sunshine.case.edu/vassistantsearch/index.htm.

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 216-368-8777 to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.

_Duke University is an Affirmative Action/Equal Opportunity Employer._

**Case Western Reserve University**

VP for Research & Scholarship, Dr. Jonathan Karn, is currently seeking applications for Assistant Professor level positions. We encourage applications from highly qualified individuals with demonstrated experience in the areas of:

- **Molecular Virology:** Fundamental aspects of Virology (e.g. molecular mechanisms in viral replication; virus assembly and maturation; control of latency; host cell interactions; virus entry mechanisms; viral diversity and immune evasion).
- **Cancer Virology:** Basic virology leading to a fundamental understanding of the molecular basis for tumorigenesis. This includes interests in the discovery of new human pathogens, viral etiology of cancer, viral models for cancer.

Successful candidates will establish a vigorous research program, participate in teaching activities, and interact productively with a nationally-ranked team of basic and clinical scientists interested in the overall areas of HIV/AIDS and host-pathogen interactions, microbiology and infectious diseases.

We stress excellence in research and in teaching. Candidates at the Assistant Professor level should have a Ph.D., and have completed at least 3 years of postdoctoral training, have demonstrated a capacity for independent research and an ability to attract Federal funding.

In addition to newly refurbished laboratory space and a generous start-up package, we offer a highly interactive environment with exceptional intellectual, infrastructural, and administrative support. All candidates should have a Ph.D. and relevant post-doctoral experience, a record of funding, an active research program and a national reputation. Salary will be commensurate with experience.

Please submit an online application including a letter of application, curriculum vitae, brief statement of research goals and accomplishments, and 3 references as PDF files to: Jonathan Karn, Ph.D., Chair, Virology Search Committee at: http://sunshine.case.edu/vassistantsearch/index.htm.
Increased opportunities

We are now considering applications three times a year for Senior Research Fellowships to support outstanding researchers wishing to build up their own independent research groups.

Candidates may undertake research across the Trust’s scientific remit, from laboratory-based basic research to clinical, population and public health studies.

Call for Application to the ESPCI-ParisTech Director position

ESPCI-ParisTech is seeking to appoint a new Director General (“Directeur Général”) starting January 1st 2014. The application procedure will be open until October 31st 2012.

ESPCI is committed, on the one hand, to educate students in physics, chemistry and biology preparing high-level professions, on the other hand to support world-class research laboratories.

The call for applications is international, but the candidates should have a good knowledge of the French system and language. They should also have strong education and research experiences at a world level, with industrial collaboration and a marked interest in innovation. They should furthermore have shown their ability to take on research or teaching responsibilities. Finally, they should be able to understand the education and research domains of ESPCI.

During a five-year mandate, renewable once, the “Directeur Général” heads the different services of ESPCI, the administrative status of which is a “Régie Administrative”. He or she chooses, with the agreement of the President of the Board, a Director for Education and a Research Director. With their help, the “Directeur Général” leads on education and research policies, in the context of the institution rules. For administrative matters, he or she is being helped by an Administrative Director. Furthermore he or she is the representative of ESPCI in its different projects. In particular he or she will have to contribute to the creation of the “Paris Sciences et Lettres” school of engineering.

By the end of November 2012 the International Scientific Committee of ESPCI (ISC) will select a short list of at most five candidates.

The application may be in French or in English and should contain a curriculum vitae as well as a letter of intent showing that the candidate has a good knowledge of the institution and has a vision for it. It should be sent by e-mail before October 31st 2012 to DG2014@espci.fr.

The candidate names will be confidential until the end of April 2013. Between December 2012 and the end of April 2013 an appropriate hiring package will be discussed with each candidate. In any case, the position includes the use of an apartment on the site of ESPCI.

The first week of May 2013 (May 6th–7th) the candidates will be interviewed by the ISC, which will then provide the President of the Board of ESPCI with a ranked list of three names. Subsequently, the President, after consulting the Board, will propose one name to the Paris City Mayor and the Minister of Research and Higher Education of France for an appointment starting January 1st 2014.

More information on ESPCI may be found at www.espci.fr
Get a **Career Plan that Works.**

An exceptional career requires insightful planning and management. That’s where *Science* Careers comes in. From job search to career enhancement, *Science* Careers has the tools and resources to help you achieve your goals. Get yourself on the right track today and get a real career plan that works. Visit [ScienceCareers.org](http://ScienceCareers.org).

[Image of a person writing on a whiteboard with flowchart arrows pointing to words like “Find My Job,” “Develop My Career,” “Navigate,” “Network,” “Search,” “Track,” “Research,” and “Science” magazine cover].
Epigenomics Researcher – Center for Individualized Medicine

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

The Center for Individualized Medicine at Mayo Clinic is seeking an exceptional Applied Research Scientist (MD and/or PhD) in the field of Epigenomics. This “collaborative scientist” position is an institutionally funded investigator position with sustained intramural funding support. The Epigenomics Researcher will be expected to develop commercializable epigenetic/epigenomic methodology relevant to the diagnosis, prognosis and prevention of human disease. The candidate will be expected to lead and facilitate innovations in his/her area that have commercial value, contribute to collaborative, extramurally funded academic research, and support the overall mission and specific research efforts of Mayo Clinic’s Epigenomics Translational Program. The candidate will benefit from collaboration with colleagues to utilize the rapidly growing, very large body of genomic, transcriptomic, proteomic and metabolomic data from a larger patient population to enhance and complement existing strengths in diagnostic test development. Mayo is an ideal environment to build this type of research program as it houses a wide variety of specialists who collectively serve a large patient population that offers strong validation and clinical translation opportunities.

Credentials of a successful candidate will include national recognition and experience in the field, and a strong track record of publication. The ideal candidate will have significant experience in intellectual property generation demonstrated by formally issued patent(s), familiarity with both regulatory and clinical laboratory processes, and the ability to collaborate successfully with industry, academia and clinical laboratory medicine.

Mayo Clinic is a premier academic medical center with over 3,800 physicians and scientists in a unified multi-campus system. This unique environment brings together the best in patient care, groundbreaking research and innovative medical education. Mayo Clinic offers a highly competitive compensation package with sustained intramural funding, outstanding laboratory facilities, capital equipment funding, technical and computational resources, and exceptional benefits.

To apply and learn more, please visit www.mayoclinic.org/scientist-jobs/ and reference job posting number 11168BR. Applications should include a CV and a statement of research interests. Specific questions related to the posting should be directed to:

Jennifer Schilbe, Scientist Recruiter  
Center for Individualized Medicine  
Mayo Clinic  
Email: schilbe.jennifer@mayo.edu

Mayo Foundation is an affirmative action and equal opportunity educator and employer. Post-offer/pre-employment drug screening is required.

Pharmacoepigenomics – Center for Individualized Medicine

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

The Center for Individualized Medicine at Mayo Clinic is seeking an exceptional junior to mid-career investigator in the field of Pharmacoepigenomics. This “career scientist” position is an institutionally funded investigator position. The Pharmacoepigenomics Researcher will be expected to maintain a nationally/internationally recognized, extramurally funded program of pharmacoepigenomics research. The candidate will benefit from collaboration with colleagues in the Pharmacogenomics and Epigenomics Translational Programs of the Center for Individualized Medicine and access to a rapidly growing body of drug-related genomic, transcriptomic, proteomic and metabolomic data from Mayo Clinic’s large and exceptionally diverse patient population. Other major resources available at the Mayo Clinic include one of the NIH-funded Pharmacogenomics Research Network Centers, an NIH-funded GTSA and an NIH-funded Comprehensive Cancer Center.

Credentials of a successful candidate will include a doctoral degree in biomedical sciences (MD and/or PhD, PharmD or equivalents), national recognition and experience in the field, and a strong track record of publication. Preference will be given to applicants with established research programs in any aspect of pharmacoepigenomics including, but not limited to, epigenomics of interindividual variability in drug response, epigenetic mechanisms of drug actions and adverse effects, discovery of predictive biomarkers for pharmacotherapy, and epigenetic pharmacology. Early-stage investigators with exceptional accomplishments and rigorous training in these areas will also be considered.

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To apply and learn more, please visit www.mayoclinic.org/scientist-jobs/ and reference job posting number 11746BR. Applications should include a CV and a statement of research interests. Specific questions related to the posting should be directed to:

Jennifer Schilbe, Scientist Recruiter  
Center for Individualized Medicine  
Mayo Clinic  
Email: schilbe.jennifer@mayo.edu

Mayo Foundation is an affirmative action and equal opportunity educator and employer. Post-offer/pre-employment drug screening is required.
AAAS is here – helping scientists achieve career success.

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

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

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

To learn more, visit aaas.org/plusyou/sciencecareers
The EGL Foundation invites you to apply to the
Gruss Lipper Post-Doctoral Fellowship Program

**Eligibility**

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

Details regarding the fellowship are available at www.eglcf.org
The Haas Lab in the Brain Research Centre at the University of British Columbia in Vancouver Canada is seeking a PDF immediately to identify and test novel molecular mechanisms underlying brain neural network structural and functional plasticity and metamplasticity. Techniques include molecular and genomic strategies for identifying novel candidates and their testing using targeted in vivo transfection, in vivo two-photon and rapid time-lapse imaging of brain function and calcium imaging of network function.

Applications with a Ph.D., a strong background in molecular techniques, and a publication record in high impact international journals should send curriculum vitae and names of contact references for Dr. Kurt Haas, e-mail: kurt.haas@ubc.ca.

**FACULTY POSITIONS**

**Medical School**

The Saint James School of Medicine, an international medical school (http://www.sjmu.org), 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. Applicants must be M.D., D.O., and/or Ph.D.

Teaching experience in the U.S. system is desirable but not required. Research Medical Institute investigators, and distinguished researchers and teachers hold appointments in the Graduate School.

Applications should be submitted electronically to e-mail: dismissn@hrdsinc.com and include a two-page letter stating the candidate’s qualifications and vision for the position, curriculum vitae, and the names and contact information of five references. Review of the applications will begin immediately.

**POSTDOCTORAL FELLOWSHIP**

**Brain Plasticity and Metaplasticity**

The University of British Columbia in Vancouver Canada is recruiting a Postdoctoral Fellow to study the plasticity and metaplasticity of neural circuits involved in the control of movement. The selected candidate will have appointments in the Departments of Neuroscience and Neurology.

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The National Institute of Standards and Technology (NIST), Information Technology Laboratory (ITL) is seeking a highly qualified candidate for the position of Division Chief for the Advanced Network Technologies Division (ITL). This position requires an interdisciplinary collaboration with industry, academia, and other government agencies on the application of measurement science for advanced network technologies focused on critical national needs, including cloud computing, Internet interoperability, scalability, performance and reliability, wireless communications, complex systems and trusted networks, public safety, and cloud computing.

The Division Chief will lead a team of approximately 300 engineers and scientists working on a broad range of cloud computing and linked networking technology development and deployment projects. The Division Chief will be responsible for all aspects of the Division’s technical and programmatic activities, including the development of strategic plans, the execution of research and development activities, and the coordination of advanced network technology development with other government agencies, industry, and academia.

Applications will be accepted until the position is filled. Interested candidates should send a CV and three letters of reference to: Peter Makovicky, Chair, Department of Geology, The Field Museum, 1400 S. Lake Shore Drive, Chicago, IL 60605-2496 USA; e-mail: pmakovicky@fieldmuseum.org.

**DIVISION CHIEF for the Advanced Network Technologies Division Information Technology Laboratory**

The National Institute of Standards and Technology (NIST), Information Technology Laboratory (ITL) is seeking a highly qualified candidate for the position of Division Chief for the Advanced Network Technologies Division (ITL). This position requires an interdisciplinary collaboration with industry, academia, and other government agencies on the application of measurement science for advanced network technologies focused on critical national needs, including cloud computing, Internet interoperability, scalability, performance and reliability, wireless communications, complex systems and trusted networks, public safety, and cloud computing.

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Applications will be accepted until the position is filled. Interested candidates should send a CV and three letters of reference to: Peter Makovicky, Chair, Department of Geology, The Field Museum, 1400 S. Lake Shore Drive, Chicago, IL 60605-2496 USA; e-mail: pmakovicky@fieldmuseum.org.

**THE JOHN CALDWELL MEEKER POSTDOCTORAL FELLOW**

Applications are invited for the position of the John Caldwell Meeker Postdoctoral Researcher in the Department of Geology at The Field Museum. The successful candidate will be expected to complement, and/or participate in any of the ongoing research programs in the Department of Geology. Research projects are being pursued in the areas of Vertebrate Paleontology, Palaeoecology, and Geobiology. Individual Curators and their research programs are featured on the Field Museum website: http://fieldmuseum.org/explore/department/geology.

Applications will be reviewed both for merit and suitability for the programs and strengths of the department. Applicants are strongly encouraged to contact relevant curators prior to application.

A Ph.D. in a field of research represented in the Department of Geology is required. The term for this position is for a maximum of two years. The appointment is anticipated to begin in the summer of 2012.

Please send a statement of research interests and experience, curriculum vitae including publications list, and names and contact references (with e-mail addresses) to: Peter J. Makovicky, Chair, Department of Geology, The Field Museum, 1400 S. Lake Shore Drive, Chicago, IL 60605-2496 USA; e-mail: pmakovicky@fieldmuseum.org; telephone: 312-922-6763. Applications must be received by May 15, 2012. The Field Museum is an Equal Opportunity/Affirmative Action Employer.

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For more information and to apply for this position, visit the website at: http://www.usajobs. gov/ViewJob/ViewDetails/10011275. The announcement number associated with this position is NISTTL-2012-0019. The vacancy opens March 29, 2012 and closes April 25, 2012. U.S. citizenship is required. The Department of Commerce is an Equal Opportunity Employer.