Science Careers is the forum that answers questions.

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Vacancy announcements

Based on the agreement between the Messerli Foundation for the Promotion of Research in the Field of Ethics and Animals and the University of Veterinary Medicine, Vienna, the University of Vienna and the Medical University of Vienna, the following professorial positions are announced in connection with the establishment of the "Messerli Institute for Man-Animal Interactions":

1. "Ethics in Man-Animal Interactions"
   *Position*: A professor responsible for research and education in the field of "Ethics in Man-Animal Interactions" at the University of Veterinary Medicine, Vienna and the University of Vienna.
   *Responsibilities*: The successful candidate should work on ethical questions related to the handling of animals, paying close attention to scientific and legal issues.

2. "Research and Documentation of the Legal Provisions governing Man-Animal Interactions"
   *Position*: A professor responsible for research and education in the field of "Research and Documentation of the Legal Provisions governing Man-Animal Interactions" at the University of Veterinary Medicine, Vienna and the University of Vienna.
   *Responsibilities*: The successful candidate should document and undertake scientific work on legal questions relating to Interactions between man and animals, with a focus on animal welfare and veterinary laws, including issues such as animal experimentation and the laws relating to animal transport as well as those stemming from civil and criminal law such as shooting and fishing rights.

3. "Scientific Basis for Animal Welfare and Man-Animal Interactions"
   *Position*: A professor responsible for research and education in the field of "Scientific Basis for Animal Welfare and Man-Animal Interactions" at the Veterinary University of Medicine, Vienna and the Medical University of Vienna.
   *Responsibilities*: The successful candidate should address scientific issues in connection with animals’ ability to perceive (via the senses) as well as the regulation and processing by the central nervous system and/or cognition.

4. "Comparative Medicine"
   *Position*: A professor responsible for research and education in the field of "Comparative Medicine" at the Veterinary University of Medicine, Vienna and the Medical University of Vienna.
   *Responsibilities*: The successful candidate should work on the comparative aspects of human and veterinary medicine, developing and undertaking comparative research projects (e.g. in cancer research) in collaboration with the Medical University of Vienna and the University of Veterinary Medicine, Vienna. He or she should also emphasize research on the “three Rs” in collaboration with the field of “Laboratory Animal Studies” at the participating universities.

**Required qualifications:**

- a) extensive teaching experience
- b) proven success in scientific research as demonstrated by publications in relevant journals
- c) evidence of integration in the international scientific community
- d) proven ability to attract third-party funding
- e) suitability for a managerial position – good communication and organizational skills
- f) ability to work in a team
- g) management experience

The University of Veterinary Medicine, Vienna, the University of Vienna and the Medical University of Vienna are striving to increase the proportion of female scientists, especially in higher positions. Applications from qualified female scientists are thus particularly welcomed. Women of equivalent qualification will be given precedence over male applicants. Candidates must be prepared to submit to an assessment procedure.

Applications should be submitted in writing together with the normal supporting documents (cv, list of publications, summary of research and teaching activities to date, presentation of previous experience in organization, management and leadership) by 1 June 2010 to: Büro des Senates der Veterinärmedizinischen Universität Wien, Veterinärplatz 1, A-1210 Wien, Austria.

VACANCIES

The Institute of Medical Biology (IMB), a Singapore government-funded research institute under the Agency for Science, Technology and Research (A*STAR), was formed in 2007 to promote translational research into the mechanisms underlying human disease. Today, our research activities extend across stem cells and differentiation, cancer, epithelial biology and genetic diseases. Situated in a lively international community in state-of-the-art facilities on the iconic Biopolis campus, IMB’s scientists are gaining new understanding of disease processes that will lead to the development of novel therapeutic strategies for improved quality of life. More information on IMB can be found at our website at http://www.imb.a-star.edu.sg.

1. **Principal Investigator Positions**

   We are looking to appoint 2-3 additional Principal Investigator-led research teams. Appointed PIs will be internationally established scientists with proven track record in research excellence, or more junior group leaders with a very strong CV, and will be working in an area that augments or complements the research strengths of the Institute (for example, epithelial stem cells). The research teams are supported by the institute’s core funding budget.

2. **Microscopists**

   (i) **IMB Microscopy Unit Manager**: IMB is currently seeking a well-qualified microscopist to oversee our state-of-the-art IMB Microscopy Unit (IMU). The successful candidate is expected to have understanding of, and familiarity with, basic and advanced high resolution fluorescence microscopes and preferably also electron microscopy, and must have excellent communication and management skills.

   (ii) We are also seeking an electron microscopy officer with practical expertise in preparation of material for EM work and operation of transmission and scanning EMs, to work with several different user groups.

3. **Postdoctoral Scientists**

   We are also seeking enthusiastic and gifted postdoctoral scientists (with PhD) and/or clinician scientists (MD or PhD) for a number of positions within IMB laboratories. Candidates must have a passionate enthusiasm for research, have strong background in molecular/ cell/ medical biology, and be self-motivated and energetic workers. Evidence of good publications, technical independence in molecular and cell biology techniques, and an ability to take the initiative would also be an advantage, to gain the most out of this highly collaborative and international research environment.

In all cases, remuneration will depend on qualifications and experience. To apply, please submit your application via http://www.imb.a-star.edu.sg/Vacancies/tabid/242/Default.aspx by 21 May 2010 (only online applications will be considered). Applications should be accompanied with a detailed CV, research outline, names of referees and contact details. We regret that only shortlisted candidates will be notified. For enquiries, please contact hr@imb.a-star.edu.sg.

Institute of Medical Biology, A*STAR
8A Biomedical Grove,
#06-06 Immunos,
Singapore 138648
Tel (65) 64070150
Fax: (65) 64642049
Website: www.imb.a-star.edu.sg
The Virginia Tech Carilion School of Medicine and Research Institute is a unique, public-private partnership between a cutting-edge research university, Virginia Tech, and a major healthcare system, Carilion Clinic. The partnership leverages Virginia Tech’s world-class strength in basic sciences, bioinformatics, and engineering with Carilion Clinic’s highly experienced medical staff and rich history in medical education. A new 153,000-square-foot building will house the Research Institute and School of Medicine. The facility is located in Roanoke, Virginia within an emerging biomedical complex and in close proximity to Carilion Roanoke Memorial Hospital. Please see www.vtc.vt.edu for more information on this exciting new venture. Recruitment is underway for faculty positions for both the Research Institute and School of Medicine.

INSTRUCTIONAL FACULTY POSITIONS in Basic Medical Sciences

The Virginia Tech Carilion School of Medicine (VTCSOM) exemplifies a new way forward in medical education, educating physician thought leaders through inquiry, research and discovery. The charter class of 42 students matriculates August 2, 2010. Up to six additional faculty positions are being recruited in the basic medical sciences, including biochemistry, physiology, immunology, microbiology/virology, and pharmacology. Positions are 12 month, non-tenure track, 3-year fixed term, renewable appointments with primary responsibility to the VTCSOM instructional programs in Roanoke, with some contribution to Virginia Tech. The VTCSOM curriculum is based on a Patient-Centered Learning model. Faculty members at all ranks with a strong commitment to the mission of the new medical school are invited to apply. A Ph.D. or equivalent in one of the identified basic medical sciences disciplines is required. Apply to posting number 0100167, at http://www.hr.vt.edu/employment/.

Review of applications will begin May 15 and continue until filled. Inquires may be addressed to Dr. Richard C. Vari, VTCSOM Associate Dean for Medical Education, (540) 581-0125, rcvari@carilionclinic.org.

FACULTY POSITIONS in Biomedical Sciences Research

The newly established Virginia Tech Carilion Research Institute (VTcri) announces openings for faculty positions at all levels. Applications are welcome from scientists who utilize contemporary experimental and/or computational approaches to investigate biological function in humans or model organisms in health and/or disease throughout the lifespan. Successful candidates should have a Ph.D., and/or MD, or DVM, postdoctoral experience and a record of outstanding research accomplishment. Candidates with strong records of research productivity who utilize molecular, genetic, biophysical, cell biological, imaging, computational and/or behavioral approaches to study cardiovascular, endocrine, immune or nervous system function in health and/or disease including cancer are encouraged to apply. A competitive allowance for laboratory start up and operations support will be provided. Apply to posting number 0100198, http://www.hr.vt.edu/employment/.

Inquiries may be addressed to Dr. Michael Friedlander, VTCRI Executive Director, friedlan@vt.edu. Applications will be reviewed and appointments made on a rolling basis.

Virginia Tech and its partner entities have a strong commitment to the principle of diversity and, in that spirit, seek a broad spectrum of candidates including women, minorities, and people with disabilities.
The University of Oklahoma College of Medicine invites applications and nominations for the position of Chair of the Department of Microbiology and Immunology.

The Department of Microbiology and Immunology is a vigorous department of 13 faculty members with a strong record of NIH funding. The research interests of the department include bacterial and viral pathogenesis, humoral and cellular immunity, the role of the MHC complex in autoimmune diseases and genomics. Departmental faculty members contribute to the MD, PhD and DDS degree programs The Department has a vigorous graduate program. Applicants must have a PhD or MD or equivalent degree and must show strong evidence of academic leadership and peer recognition as an accomplished researcher and educator. The successful candidate is expected to have a strong research program as demonstrated by continuous NIH funding. In addition, the candidate would have demonstrated a strong commitment to professional and graduate education and the ability to recruit and develop outstanding faculty.

The Health Sciences Center has targeted growth in four broad areas: infectious diseases, cancer, diabetes, and neuroscience/vision. The incoming Chair will have the opportunity to recruit into those programs as well. The position provides open faculty lines and appropriate laboratory space. The successful applicant may be eligible to receive one of several Endowed Professorships.

The College of Medicine is located within the University of Oklahoma Health Sciences Center (OUHSC), a 325-acre comprehensive academic health center, recently noted for having one of the best academic institution work environments in the country by The Scientist (Nov, 2009). OUHSC is situated in the capital city of Oklahoma City, an area experiencing economic growth and undergoing extensive revitalization. Oklahoma City is one of the most affordable and attractive major metropolitan areas in which to live. Combine Oklahoma City residents’ increased spending power with renowned festivals, national sporting events, treasure-filled museums, a variety of districts highlighting arts and entertainment, and a mild climate with year-round sunshine, and Oklahoma City offers something for everyone.

Review of applications will begin in May 2010 and continue until the position is filled. Candidates should send a letter, both electronically and postal, describing their research interests, administrative and educational philosophies and long-term goals, a curriculum vitae and the names, addresses (postal and email) and phone of at least three professional references to:

Mrs. Paula Slaughter
Attn: Microbiology Chair Search Committee
College of Medicine, University of Oklahoma Health Sciences Center
PO Box 26901, BMSB 553, Oklahoma City, OK 73126-0901
Phone: 405-271-5533; E-mail: paula-slaughter@ouhsc.edu

The University of Oklahoma Health Sciences Center is an Equal Opportunity/ Affirmative Action Employer.
A*STAR INVESTIGATORSHIPS

A prestigious award to recognise young scientific talent

Singapore’s Agency for Science, Technology & Research (A*STAR) invites applications for A*STAR Investigatorships

**A*STAR Investigatorships** aim to support and promote early independent career development of the next generation of world leaders in scientific research. Applicants should have obtained their PhD not more than 48 months prior to the application date, and should have already demonstrated a strong ability and creativity in research. Applicants with MD-PhD should be in their last year of, or have completed their clinical specialty training at the time of application.

The award provides for an **independent** position for a duration of 3+3 years, with a review at the end of the 2nd year and a possibility of ‘fast-track’ promotion. Tenable at one of A*STAR’s prestigious biomedical research institutes, A*STAR Investigators may select a mentor from A*STAR but will conduct and publish their research independently.

**A*STAR Investigatorship** will receive attractive remuneration, support for set-up costs, research funding, research staff and access to state-of-the-art scientific equipment and facilities including the Biopolis Shared Facilities and the Biological Resource Centre. Each **A*STAR Investigatorship** laboratory will be funded with up to US$500K p.a.

Candidates with research interest in these areas are strongly encouraged to apply:

- Bioengineering & Nanotechnology
- Bioimaging
- Bioprocessing & Biotechnology
- Chemical Synthesis
- Computational Biology & Bioinformatics
- Genomics & Proteomics
- Immunology
- Medical Biology & Clinical Sciences
- Molecular & Cell Biology
- Stem Cells

The **A*STAR Investigatorships Selection Panel**

- **Professor Tadakata Yamada**  
  President, Global Health Program, Bill and Melinda Gates Foundation

- **Professor Sir David Lane**  
  Chief Scientist, A*STAR

- **Professor Edward Holmes**  
  Executive Deputy Chairman, Translational and Clinical Sciences, Biomedical Research Council, A*STAR; Executive Chairman, National Medical Research Council, Singapore

- **Professor Alex Matter**  
  Chief Executive Officer, Experimental Therapeutics Centre (ETC), A*STAR

- **Professor Paul Matsudaира**  
  Professor of Biological Sciences and Head, Department of Biological Sciences, National University of Singapore

Up to 10 shortlisted candidates will be invited to Singapore for interviews and a review based on a scientific presentation, expected to be held in October 2010.

**Closing date: 31 July 2010**

*Applications would be accepted throughout the year.*

**Application Materials**

The following materials should be filled up and submitted by mail, or email to the contacts as shown below.

- Application form
- Curriculum vitae
- 5-page research proposal
- At least 3 referral letters

**A*STAR Investigatorships 2010**  
Agency for Science, Technology & Research,  
20 Biopolis Way, #08-01 Centros  
Singapore 138668  
Email: A-STAR_ADMIN_BMRC@a-star.edu.sg  
http://www.a-star.edu.sg/AwardsScholarships/A*STAR_Investigatorships/AlBiomedicalSciences/tabid/335/Default.aspx
The Institute for Defense Analyses
Center for Computing Sciences is looking for outstanding Ph.D. level scientists, mathematicians and engineers to address problems in high-performance computing, cryptography and network security. IDA/CCS is an independent research center sponsored by the National Security Agency. IDA/CCS scientists and engineers work on difficult scientific problems, problems vital to the nation’s security. Stable funding provides for a vibrant research environment and an atmosphere of intellectual inquiry free of administrative burdens.

Research at IDA/CCS emphasizes computer science, computer architecture, electrical engineering, information theory and all branches of mathematics. Because CCS research staff work on complex topics often engaging multidisciplinary teams, candidates should demonstrate depth in a particular field as well as a broad understanding of computational science and technology.

Developing imaginative computational solutions employing novel digital technology is one of several long-term themes of work at CCS. The Center is equipped with a very large variety of hardware and software. The latest developments in high-end computing are heavily used and projects routinely challenge the capability of the most advanced architectures.

IDA/CCS offers a competitive salary, an excellent benefits package and a superior professional working environment. IDA/CCS is located in a modern research park in the Maryland suburbs of Washington, DC. U.S. citizenship and a DoD TS/SI clearance are required. CCS will sponsor this clearance for those selected. Please send responses or inquiries to: Dawn Porter Administrative Manager IDA Center for Computing Sciences 17100 Science Drive Bowie, MD 20715-4300; dawn@super.org; (301) 805-7528.

The Institute for Defense Analyses is proud to be an Equal Opportunity Employer.
The Institute for Cellular and Molecular Biology

Applicant should be received by June 30, 2010. Material should be sent to:

Letters of recommendation. To assure full consideration applications of research experience and future goals, together with at least three candidates should submit a current curriculum vitae and a summary of America’s most beautiful and livable cities.

...to pursue an appropriate level of independent research. They may carry out crystallographic projects on a contract basis and will be encouraged to solve these. In addition, the Manager may carry out crystallography Core Facility Managers. This lab will join a list of core facilities on the campus. These include crystallization robots for high throughput and X-ray diffraction equipment, X-ray data collection and analysis, as well as crystallography Core Facility. The University of Texas has recently created a Macromolecular Crystallography Core Facility. This lab will join a list of core facilities.

Crystallography Core Facility Manager

The University of Texas at Austin

The University of Texas has recently created a Macromolecular Crystallography Core Facility. This lab will join a list of core facilities administered by the Institute of Cellular and Molecular Biology. The new facility will provide a range of services to research groups across campus. These include crystallization robots for high throughput crystal screening and state of the art X-ray diffraction data collection.

We are seeking applicants for a PhD level Manager of the facility. The applicant must have experience with crystallization methods, diffraction equipment, X-ray data collection and analysis, as well as methods of phasing and structure solution. The Manager will be responsible for scheduling users, and assisting researchers, with a range of skills, who are interested in pursuing structural problems and their solutions. In addition, the Manager may carry out crystallographic projects on a contract basis and will be encouraged to pursue an appropriate level of independent research.

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

Candidates should submit a current curriculum vitae and a summary of research experience and future goals, together with at least three letters of recommendation. To assure full consideration applications should be received by June 30, 2010. Material should be sent to:

Dr. Jon Robertus
Chair of the Search Committee
Department of Chemistry and Biochemistry
The University of Texas at Austin
Austin, TX 78712

The University of Texas at Austin is an Equal Opportunity Employer. Qualified women and minorities are encouraged to apply; a background check will be conducted on applicant selected.

Institute for Integrated Cell-Material Sciences, Kyoto University

iCeMS Kyoto Fellow (Independent Asst Prof) Posts Available

iCeMS Kyoto Fellow positions are available at the iCeMS (Institute for Integrated Cell-Material Sciences) of Kyoto University. The iCeMS is one of five World Premier International Research Centers founded in 2007 by the Japanese Government. The key research concepts are the creation of meso-space sciences encompassing physics, chemistry, and cell biology (collective and dynamic interactions of molecules occurring in the scale of 5–100 nm) and cross-disciplinary integration of cell biology and material sciences focusing on mesoscopic control of stem cells and functional architectures. For details, please visit www.icems.kyoto-u.ac.jp.

Each iCeMS Kyoto Fellow will receive an annual budget covering her/his own salary, as well as funds for hiring postdocs and/or lab techs and purchasing research supplies. In addition, the institute’s fully-equipped state-of-the-art centrally shared instrumentation laboratories are available. The Kyoto Fellows are independent Assistant Professors who receive priority support from the iCeMS leadership. While the fellows are expected to develop a strong and independent research program, they are also expected to collaborate with other iCeMS researchers.

The initial contract will be for 5 years. There are ample possibilities to interact with other departments in Kyoto University for her/his career development. The official language at the iCeMS is English, and applicants are expected to be fluent (Japanese language skills are not required).

Interested individuals should send an email explaining what research they wish to pursue at the iCeMS—with a brief CV attached—to info@icems.kyoto-u.ac.jp. The initial application deadline is June 1, to be followed by a selection process, but applications will continue to be accepted until the positions are filled.

Postdoc position at an iCeMS Kyoto Fellow (Dr Ziya Kalay)’s lab also available: The candidate should be a recent PhD recipient in theoretical physics, and have interest in studying meso-scale phenomena in biological systems. Background in statistical or soft matter physics, and having good mathematical skills are strongly preferred. Experience with programming in C++ and Matlab is a plus.

Our research is focused on spatio-temporal modeling of cellular processes at the meso-scale, and we have ample opportunities to engage in collaborative projects with experimental research groups. In addition, we are also interested in doing fundamental research in the study of complex fluids and coupled biological oscillators. For details, please visit www.icems.kyoto-u.ac.jp/e/ppl/grp/kalay.html. With a brief CV attached, applicants should send an email explaining how they can contribute to the lab to kalay-g@icems.kyoto-u.ac.jp by June 1.
With the ability to access anywhere in the world, Science Digital is the electronic version of Science magazine supporting our ongoing strides towards an eco-friendly future. At just $99 for professionals and $50* for students and postdocs, Science Digital is currently available at a discounted rate offering our readers the very latest in groundbreaking scientific news and discoveries. And this is just one of the ways that AAAS is committed to advancing science to support a healthy and prosperous world. Join us. Together we can make a difference. promo.aaas.org/show

*Plus 15% VAT where applicable (all EU countries)
CSI Singapore, National University of Singapore, is a state-of-the-art research center with a multifaceted and coordinated approach to cancer research, extending from basic cancer studies all the way to experimental therapeutics. The focus of the institute is on cancers endemic to Asian populations such as gastric, liver, lung, leukemia and breast cancers. The institute houses a full spectrum of research and clinical translational facilities. This major center is led by a team of world-class scientists with significant government funding from Singapore’s National Research Foundation and Ministry of Education.

We are seeking individuals with exceptional scientific credentials to join a vibrant, dynamic team at CSI Singapore.

**Principal Investigators**

Qualified candidates at Professor, Associate Professor and Assistant Professor levels should be at the cutting edge of their field with an established record of excellence in cancer research. Candidates should have the capability and experience of leading high-level, innovative research programs resulting in international quality publications. Successful candidates can look forward to stable funding for up to 5 years commensurate with their abilities, ample laboratory space and resources, a competitive salary package and a dynamic working environment. Candidates with research emphasis in gastric, liver and lung cancers will be strongly considered.

**Post-Doctoral Fellows**

Post-Doctoral Fellow candidates should be highly motivated, creative individuals with an outstanding PhD degree in a related discipline. Successful candidates can look forward to working with top cancer researchers in an internationally represented environment.

Interested candidates should send their CV and the names of three referees to:

**Professor Daniel G. Tenen**  
Director, Cancer Science Institute of Singapore (CSI Singapore), NUS  
Email: csi_careers@nus.edu.sg

Please indicate the position you are applying for in the subject title.

Visit our website at www.csi.nus.edu.sg

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**Department of Biochemistry and Molecular Biology**  
**Faculty Positions**

The Department of Biochemistry and Molecular Biology at the University of Maryland School of Medicine, chaired by Richard L. Eckert, Ph.D., is undergoing a major expansion (http://medschool.UMaryland.edu/biochemistry/). Highly qualified individuals will be considered at the Assistant, Associate and Full Professor levels. The department has significant strengths in muscle biology, cell signaling, cancer biology, structural biology and imaging, and a highly successful graduate training program. The expansion will include positions in epithelial biology, signal transduction, cell biology and biochemistry and stem cells with a focus on investigators utilizing biochemical, cellular and animal model approaches to understand protein and cell function in normal, diseased and cancerous tissue. Successful candidates are expected to establish and maintain active research programs, and participate in department teaching and service opportunities. The Medical School and the Department are highly ranked with respect to NIH funding. The Department provides excellent laboratory facilities, competitive salaries and startup packages, and access to numerous core facilities.

Applicants should hold a Ph.D. or M.D., have substantial research experience, and a strong desire to participate in an interactive, multidisciplinary research environment. Interested applicants are invited to submit a letter of interest and curriculum vitae by e-mail and have three letters of reference sent by e-mail to biochemjobs@som.UMaryland.edu.

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**Tenure-Track Research Scientist Genetics**

The Marshfield Clinic Research Foundation (MCRF) invites applicants for 2 open-rank tenure-track Research Scientists in the Center for Human Genetics. Scientists with innovative approaches to the genetics of complex diseases are especially encouraged to apply for appointment in 2010. MCRF has a history of important medical discoveries in the field of genetics.

MCRF has extensive population-based resources, including the Personalized Medicine Research Project. This project has DNA, plasma, and serum samples for 20,000 adults from a defined geographical area; access to their electronic medical records; information on environment and lifestyle; and the consent of subjects to be re-contacted. The appointed individuals will be expected to establish independent and collaborative research programs and contribute to the Wisconsin Genomics Initiative, and the University of Wisconsin Institute for Clinical and Translational Research, a joint undertaking of UW-Madison and MCRF.

To ensure consideration, complete applications should be received by Tuesday, June 1, 2010, although applications will be accepted until the positions are filled. Interested applicants should send their resume to:

Marshfield Clinic  
Research Foundation  
Marshfield Clinic, Attn: Rhonda Thompson  
1000 N. Oak Avenue, Marshfield, WI 54449  
Phone: (715) 389-3049

Marshfield Clinic is an Affirmative Action/Equal Opportunity Employer that values diversity. Minorities, females, individuals with disabilities and veterans are encouraged to apply.
Columbia University’s Department of Medicine, Division of Nephrology, invites applications for clinical faculty positions at the level of ASSISTANT PROFESSOR OF CLINICAL MEDICINE. The position requires inpatient care, clinical research, and teaching of students, residents, and fellows. Candidates should demonstrate experience in an academic nephrology setting, including inpatient consultation, hemodialysis, and peritoneal dialysis. Additionally, candidates may present demonstrated experience in the areas of transplantation, glomerular disease, or critical care medicine. Candidates must hold an M.D. or equivalent medical professional degree and be Board certified in internal medicine and Board certified or eligible in nephrology and must be eligible to practice in the state of New York. Applicants should apply online at website: https://academicjobs.columbia.edu/applicants/Central?quickFind=52946.

Columbia University is an Equal Opportunity/Affirmative Action Employer.

The Department of Environmental Toxicology and The Institute of Environmental and Human Health (TIEHH), Texas Tech University, have up to four positions available for Ph.D. students who are interested in research that lies at the interface of environmental, ecological, and human health sciences. These competitive positions in Host Cell Entry will provide the opportunity to work in a highly collaborative environment with cell and molecular biologists, biochemists, pharmacologists, and others. Send statement of interest, curriculum vitae, and three letters of reference to: Prof. Irwin Chaiken, Department of Biochemistry and Molecular Biology, Drexel University College of Medicine. E-mail: ichaiken@drexmed.edu Website: http://www.drexmed.edu/chaikengroup

POSTDOCTORAL POSITION in microfluidics

A postdoctoral position is immediately available in the laboratory of Daniel Attinger at Columbia University. Our research focus is on multiphase microfluidics. The postdoctoral scientist will lead and perform experimental research on microfluidic bio-reactors and evaporative OTAs of nanoparticles. She/he should have strong analytical skills in fluid mechanics and transport phenomena as well as strong experimental skills in microfabrication. The position is for one year, with competitive salary and benefits. Full description and application information are available on our laboratory website: http://www.me.columbia.edu/lmt/.

POSTDOCTORAL RESEARCH ASSOCIATE Molecular Biology/Gene Knockdown Technology Yale Medical School

Position available at Yale Medical School for Ph.D. or M.D. MOLECULAR BIOLOGIST, with experience and publications in gene knockdown technologies, to join a multidisciplinary group studying nervous system injury with emphasis on neuropathic pain. Experience with in vivo as well as in vitro gene knockdown is desirable. Support to work in a highly collaborative environment with cell and molecular biologists, biochemists, pharmacologists, and others. Send statement of interest, curriculum vitae, and three letters of reference to: Stephen G. Waxman, M.D., Head, Neurosciences and Regeneration Research Center, VA Connecticut Healthcare System, (127A), 950 Campbell Avenue, West Haven, CT 06516. E-mail: stephen.waxman@yale.edu Women and members of underrepresented minority groups are encouraged to apply. Affirmative Action/Equal Opportunity Employer.

Yale University School of Medicine Department of Pediatrics, Division of Pediatric Respiratory Medicine, is currently searching for a junior investigator/scientist (ASSISTANT PROFESSOR) with expertise in CFTR protein biology, gene transfer, and stem cell biology to interface and collaborate with a large group of investigators and clinician-scientists interested in cystic fibrosis. Successful candidates will have established or emerging research programs in cystic fibrosis and the immune response. Interested persons should send curriculum vitae, brief statement of research interests, and three letters of recommendation exclusively to the following address: Marie Egan, M.D., Yale Department of Pediatrics, P.O. Box 208064, New Haven, CT 06520-8064. Or e-mail: marie.egan@yale.edu. The deadline is May 31, 2010. Yale University is an Equal Opportunity, Affirmative Action Employer. Women and minorities are encouraged to apply.

Full-time Lecturer Positions in Botany, Anatomy/Physiology, and Microbiology. The Biological Sciences Department at California Polytechnic State University, San Luis Obispo, is seeking full-time lecturers to begin September 2010. For details, qualifications, and application instructions (online faculty application required), visit website: http://www.calpolyjobs.org and refer to Requisition #102076. Review begins June 7, 2010. Equal Employment Opportunity.