FACULTY POSITION in Infectious Disease

The New England Primate Research Center (NEPRC) of Harvard Medical School is seeking outstanding candidates in the area of Infectious Disease for appointment at the faculty rank of INSTRUCTOR. Individuals with expertise in microbial pathogens and/or the immunologic basis of health and disease are encouraged to apply. Successful candidates will be appointed in an appropriate department of Harvard Medical School and will receive a three-year financial award to cover salary and defray research costs. Applicants are expected to develop an independent research program and to seek extramural research funding with guidance and mentorship from senior investigators on site at NEPRC. Applicants should include their curriculum vitae, summary of past accomplishments and future plans, and arrange for at least three letters of recommendation to be sent directly to the search committee. Applications should be submitted electronically as PDF files to e-mail: neprcinstructor@hms.harvard.edu. Harvard Medical School and the New England Primate Research Center are Equal Opportunity Employers, committed to diversity in the workplace.

POSITIONS OPEN

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Ruowu Wu
Phone: +86-1367-1015-294
E-mail: rwu@aaas.org

POSTDOCTORAL POSITIONS at Brigham & Women’s Hospital

Harvard Medical School

One position involves positional cloning of mutant alleles affecting brain development in ENU-mutagenized mice. A second position involves genetic analysis of a complex trait (airway hyper-responsiveness) in a mouse model of asthma. Molecular biology experience necessary, genetics background preferred. English oral and written ability necessary. Please forward curriculum vitae and the names of three references to: David R. Becker, M.D.-Ph.D., Genetics Division, NBH 458, 77 Ave Louis Pasteur, Boston, MA 02115. Fax: 617 525-4708; e-mail: becker@receptor.med.harvard.edu.

Brigham & Women’s Hospital is an Equal Opportunity Employer.

NIH-funded POSTDOCTORAL OPPORTUNITY to investigate the cellular and molecular mechanisms of kidney injury, regeneration, and fibrosis in the laboratory of Dr. Katalin Susztak in the Department of Medicine and Genetics at the Albert Einstein College of Medicine.

Current laboratory projects include high throughput genomics and epigenomics analysis of human kidney disease samples and investigating the role of DNA methylation in regulating gene expression and susceptibility to common diseases. In addition, we are also interested in determining the role of the Notch and Wnt/beta-catenin pathways in kidney disease development, renal epithelial cell homeostasis, and progenitor cell function and differentiation. Visit website: http://www.susztaklab.com-a.googlepages.com for qualifications, compensation, and application details.

FACULTY POSITION

The Center for Biomedical Informatics at Harvard Medical School

The Center for Biomedical Informatics at Harvard Medical School announces the opening of one or two faculty positions in computational biology at the level of ASSISTANT or ASSOCIATE PROFESSOR. The goal of the center is to carry out first-rate research as well as to promote and facilitate collaborative activities in biomedical informatics among researchers at Harvard Medical School and its affiliated institutions. Current research interests of the faculty include bioinformatics, functional genomics, translational medicine, public health surveillance, and knowledge management.

We seek scientists who combine exceptional quantitative skills with a deep knowledge of biology or medicine to carry out outstanding independent research programs as well as to collaborate with colleagues in the biological and medical sciences in the Harvard Medical area. The search committee is interested in candidates with a strong record in bioinformatics and computational biology (such as functional genomics, systems biology, epigenomics, cancer, and stem cells), but others with superb record in bioinformatics are also welcomed. The search committee is interested in candidates in any of the following areas of interest to CBMI mentioned will also be considered: individual and population genomics, systems biology, epigenomics, cancer, and disease with a strong record in bioinformatics to continue the search committee.

The successful candidate will teach courses in the areas of ecological statistics, population dynamics, fisheries modeling, or stock assessment. They will be expected to develop an externally funded research program and supervise graduate students in our Ph.D. program.

To ensure full consideration, applications should be received by March 15, 2011. Screening of applications will begin on that date, and continuing a suitable candidate is selected. Only electronic applications will be accepted. Applications should include a cover letter, curriculum vitae, summary of their research interests and teaching goals, and at least three letters of reference. Letters should also be submitted electronically. Submit materials to Joel Trelax, Search Committee Chair; e-mail: trelax@fiu.edu; telephone: 305-348-1966. FIU is an Affirmative Action/Equal Opportunity Institution.
The Philipps-Universität Marburg and the Max Planck Institute for Terrestrial Microbiology have recently established a center for Synthetic Microbiology, SYNMIKRO. Supported by the state of Hessen within its excellence program LOEWE, SYNMIKRO focuses on basic research in synthetic biology on all levels of microbial function, ranging from the development of regulatory circuits, genetic codes and metabolic pathways to the synthesis of new minimal cells and microbial communities.

In its next phase of expansion, SYNMIKRO invites applications for up to five

**Professorships (W2) in Synthetic Microbiology**

at the Philipps-Universität Marburg. We seek individuals with an outstanding track record in synthetic microbiology and with innovative research projects. We provide attractive start-up packages and research funding, and offer teaching associations within the faculties of biology, chemistry, or mathematics and computer science, depending on the successful candidate’s background. Preferred research areas include, but are not limited to,

1. Development of synthetic circuits
2. Reprogramming of the genetic code
3. Molecular evolution, metagenomics and prokaryotic biodiversity
4. Quantitative analysis of metabolic networks
5. Mathematical modelling of microbial systems

All appointments are for a period of 4 years, with a 1-year extension after a positive evaluation in the third year. Tenure track is in principle possible in all faculties according to the conditions described in § 61 (6) of the Hessen State Law on Higher Education (HHG) and is intended in the Faculty of Mathematics and Computer Science.

The conditions of employment are set down in § 61, 62 HHG. Philipps-Universität is an equal opportunity employer, and applications from women are encouraged. Applications from candidates with children are welcome - the Philipps-Universität is dedicated to being a family-friendly university. Qualified disabled people are also encouraged to apply.

Applications should be submitted by March 18, 2011 to bewerbung@verwaltung.uni-marburg.de. The application should contain the following information in a single pdf document: (1) cover letter, (2) curriculum vitae, including a list of publications, (3) summary of research achievements, (4) research plan, (5) statement of teaching interests and experience and (6) previous and current funding.

Informal inquiries can be directed to Prof. Dr. Bruno Eckhardt, Director SYNMIKRO, Philipps-Universität Marburg, director@synmikro.uni-marburg.de.

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**Biomedical Scientist**

The University of Wisconsin School of Medicine and Public Health seeks a Biomedical Scientist with an established record of achievement, and active research program specializing in the biology of gastrointestinal inflammation, cancer, or both.

The ideal candidate would be an MD, PhD, or MD/PhD with GI Board Certification desired but not required for candidates who hold an MD. Applicants must have a demonstrated record of extramural grant support, academic achievement, and a strong publication record. This faculty position is a tenure track with an appointment at assistant, associate, or professor level depending on experience.

Substantial institutional support is available for qualified individuals. This includes a competitive compensation package, generous start up package, modern laboratory facilities, and protected research time. Send letter of interest with description of current research and future plans, and curriculum vitae to: Dr. Michael Lucey, MD, Chief, Division of Gastroenterology & Hepatology, School of Medicine and Public Health, University of Wisconsin, 1685 Highland Avenue (4245 MFCB), Madison, WI 53705. Phone: (608) 263-7322

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Research Fellow Positions at Suzhou Institute of Biomedical Engineering and Technology (SIBET), Chinese Academy of Sciences (CAS)

Suzhou, Jiangsu, China

SIBET is situated in Suzhou, an ancient city near Shanghai in China. SIBET are focusing on the breakthrough of core technologies in detection based on spectroscopy, nuclear medical detector, micro-nanofabrication and medical semiconductor laser by integrating high technology in fields of biology, photoelectricity, nuclear medicine and computer. SIBET is dedicated to develop mature products in the medical instrumentation, medical materials and biomedical reagents to meet the demands of public health and domestic medical industry development. Currently, the R&D fields include medical laser, biomedical measurement, medical imaging, biomedical electronics, biomaterials and biomedical reagents.

We are seeking candidates for research fellow positions at Associate Professor/Professor levels to work in the fields of (1) medical laser, (2) medical imaging, (3) clinical diagnosis and analysis, (4) biomedical signal processing and (5) biomedical reagents.

Generous startup packages to develop successful labs and competitive salaries and benefits will be provided.

Candidates should have a Ph.D., an outstanding track record of scientific productivity, the ability to manage labs and research projects independently, and excellent communication skills in Chinese and English.

Send curriculum vitae, a statement of research interests and future plans, and a list of three references to:

Prof. Xuan Ming,
President, Suzhou Institute of Biomedical Engineering and Technology (SIBET)
Human Resource Department of SIBET
88 Keling Road, SND, Suzhou 215163, China
Tel: 86-512-69588025; Fax: 86-512-69588088
Email: talent@sibet.ac.cn
Amgen is a science based biotechnology pioneer. Our cutting edge science has driven the discovery of innovative human therapeutics that have changed the practice of medicine, helping millions of people around the world in the fight against cancer, kidney disease, rheumatoid arthritis, and other serious illnesses.

We are currently seeking Postdocs in the following areas:

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- Metabolic Disorders
- Neuroscience
- Chemistry, Protein & Analytical Sciences

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As an EEO/AA employer, Amgen values a diverse combination of perspectives and cultures. M/F/D/V.
Physician-Scientist Investigator Recruitment

Genetic Disease Research Branch, National Human Genome Research Institute

The Genetic Disease Research Branch (GDRB) of the National Human Genome Research Institute (NHGRI) provides unparalleled opportunities for investigators to develop world-class research programs in genetics and genomics. The Branch is pleased to announce that it is seeking to recruit a new clinical tenure-track or tenure-eligible investigator to pursue an innovative, independent program in molecular translational research as part of this group of highly interactive and supportive investigators.

The successful candidate should have a strong interest in developing an active clinical research program that capitalizes on genetic or genomic approaches to understand the mechanisms of human disease. Current GDRB faculty members use a variety of approaches to study the regulation and function of genes involved in development and homeostasis in humans and model organisms, with the goal of providing insight into human diseases. We welcome applications from clinicians with a wide range of backgrounds and interests, including those that complement the interests of our current faculty.

The successful candidate will take advantage of interactions with a highly collegial group of scientists within NHGRI and on the NIH campus as a whole. In addition, they will have access to NHGRI’s outstanding core laboratories and the unique resources of the NIH Clinical Center, the world’s largest hospital dedicated entirely to clinical research. This position includes a generous start-up allowance, an ongoing commitment of research space, laboratory resources, and positions for personnel and trainees.

Candidates should have an M.D., an M.D.-Ph.D., or equivalent degree, as well as advanced clinical and laboratory training and a record of accomplishments. The preferred candidate will be expected to meet the requirements for authorization of patient care privileges by the Credentialing Services of the NIH Clinical Center. Medical graduates with substantial experience and accomplishments in clinical research are also encouraged to apply.

Interested applicants should submit their curriculum vitae, a three-page description of proposed research, and three letters of recommendation through our online application system, at http://research.nhgri.nih.gov/apply.

Applications will be reviewed starting April 15, 2011 and will be accepted until the position is filled.

For more information on GDRB and NHGRI’s Intramural Program, please see http://genome.gov/DIR. Specific questions regarding the recruitment may be directed to Dr. Steven Holland, the Search Chair, at sholland@mail.nih.gov. Questions may also be directed to Dr. Leslie Biesecker, the GDRB Branch Chief, at leslieb@nhgri.nih.gov.

DHHS and NIH are Equal Opportunity Employers and encourage applications from women and minorities.

Department of Health and Human Services
National Institutes of Health
National Institute of Neurological Disorders and Stroke

Director of the Extramural Office of Translational Research

Recent advances in neuroscience have created unprecedented opportunities to develop effective new treatments for the many disorders that affect the nervous system. The National Institute of Neurological Disorders and Stroke (NINDS) is at the forefront of efforts to translate discoveries in basic research into therapeutic interventions for neurological disease. NINDS seeks a Director of its Office of Translational Research, to lead the development of new therapies and oversee ongoing translational programs. The Director will report directly to and advise the NINDS Director on translational programs, and will represent the Office of Translational Research at an executive level within NINDS and on trans-NIH and trans-agency programs. Programs within the Office of Translational Research will include a collection of high-risk, milestone-driven projects focused on obtaining IND or IDE approval for new diagnostic and treatment strategies. The Director will work with the NINDS Office of Clinical Research to transition promising therapies into initial studies in patients, work closely with the extramural research community and build partnerships with nonprofit research organizations and companies, and set priorities for the Institute’s grants to small businesses (SBIR and STTR). The successful candidate for this position will have an international reputation for accomplishments in translational neuroscience research, and have demonstrated skills, knowledge, and experience in therapeutic development, project management, technology transfer, and public-private partnerships. Consistent with the required qualifications, the individual will be appointed as a Science Executive in Title 42. Application for this position should be sent to: Dr. Story Landis, Director, NINDS, c/o MaryAnn Sofranko, Building 31 Room 8A52 NIH, Bethesda, MD 20892. Evaluation of applications will begin April 2011. The NINDS is one of the Institutes of the National Institutes of Health, a component of the Department of Health and Human Services.

HHS and NIH are Equal Opportunity Employers
The National Institute of Allergy and Infectious Diseases (NIAID) is seeking an exceptional and visionary leader to take on the dual role of NIAID assistant director for HIV therapeutics research and director of the Therapeutics Research Program (TRP) in the Division of AIDS (DAIDS).

The TRP director is responsible for planning, implementing, and directing a global extramural research program, in excess of $120 million, for the preclinical development and clinical testing of therapies for HIV/AIDS and its associated co-infections and co-morbidities. This includes oversight of the NIAID-funded HIV/AIDS therapeutic clinical trials networks which have an annual budget of more than $70 million and conduct all phases of clinical trials at research sites around the globe.

The director serves as a key scientific advisor to the directors of DAIDS and NIAID and is responsible for ensuring that the therapeutics research supported by DAIDS is integrated and complementary with the other programs within NIH, government agencies, and external organizations conducting HIV/AIDS therapeutics research. The director formulates an overall scientific agenda for the development and clinical testing of therapeutic interventions, recommends resource allocation across competing initiatives, and continually assesses and reorients program priorities and activities, both anticipating and responding to changing research needs or re-defined policies.

This position also serves as the NIAID assistant director for HIV/AIDS therapeutics research, reporting to the director of NIAID. Responsibilities of this position include 1) advising the director on all aspects of the NIAID’s HIV/AIDS therapeutics research and development efforts to ensure a well-coordinated, seamless therapeutics research and development program; 2) representing the director in activities and discussions related to planning, implementing, conducting, and evaluating NIAID’s overall HIV/AIDS therapeutics research and development program; 3) serving as liaison among extramural components of NIAID; 4) representing the director in interactions with relevant constituencies and the media; and 5) maintaining ongoing relationships with relevant individuals and groups to further the HIV/AIDS therapeutics mission of NIAID.

The successful candidate will be appointed under the Title 42(f) authority at a salary commensurate with experience. Maximum annual base salary is $200,000, with a maximum total annual compensation limit of $230,000. A full package of benefits is also available, including retirement; health, life, and long-term care insurance; annual and sick leave; and a thrift savings plan (401 K equivalent). This position may be subject to public financial disclosure requirements.

Applicants must possess an M.D. with extensive experience in 1) working both independently and collaboratively in planning, organizing, conducting, and/or overseeing clinical research in infectious diseases; 2) serving effectively in research program administration; and 3) effective communications and collaborations.

Applicants should provide curriculum vitae, bibliography, and a three-page statement explaining 1) your vision for HIV/AIDS therapeutics research; 2) your reasons for being interested in the position; and 3) the specific leadership skills and experience you would bring to the HIV/AIDS therapeutics mission of NIAID.

The deadline for receipt of applications is March 31, 2011. Direct any inquiries to Mr. Gulakowski at rgulakow@niaid.nih.gov or 301-496-0545. All information provided by applicants will remain confidential and will only be reviewed by authorized NIAID officials.
Professor and Chair of Nutritional Sciences

Rutgers University is seeking a scientist of international stature with visionary leadership skills to chair the Department of Nutritional Sciences. The university has targeted nutrition and health as a signature area for programmatic growth; the successful candidate will lead the expansion of the department and have an active role in this initiative.

The Department of Nutritional Sciences has 18 faculty members who provide education and mentoring to over 300 undergraduate majors and a graduate program faculty of 45 members. The department also offers a Didactic Program in Dietetics, operates a child nutrition laboratory, and oversees outreach programs and the New Jersey Obesity Group. Research strengths span from basic metabolism to clinical and community nutrition (http://nutrition.rutgers.edu). Nutritional Sciences is part of a vibrant life and social sciences research community at Rutgers, the land-grant institution of New Jersey, and plays an integral role in the newly established New Jersey Institute for Food, Nutrition, and Health. The New Brunswick campus is in central New Jersey, conveniently located between New York City and Philadelphia.

Qualifications: Candidate should have a Ph.D., or the equivalent, a record of scientific leadership, a sustained record of peer-reviewed publications and funding, and a commitment to teaching. The candidate is expected to lead a successful and active research program and promote faculty development. The successful candidate will be provided with a competitive salary and start-up package.

Applications: A letter of application, curriculum vitae, statement of research interests and leadership vision, and names of four professional references should be sent to NutriResearch@aesop.rutgers.edu or Nutritional Sciences Chair Search, 65 Dudley Road, Rutgers University, New Brunswick, NJ 08901.

Rutgers, The State University of New Jersey, is an Affirmative Action/Equal Opportunity Employer and seeks to employ the best qualified individual without regard to race, religion, color, national origin, ancestry, age, sex, sexual orientation, physical or mental handicap or disability, or marital, military, or veteran’s status. Individuals covered by Section 503 of the Vocational Rehabilitation Act of 1973 or Section 402 of the Veteran’s Readjustment Assistance Act of 1974 may self-identify. If you wish to self-identify, please do so in the cover letter transmitting your curriculum vitae/resume. Employment eligibility verification required.

Associate Professor
Division of Reproductive Sciences

The Division of Reproductive Sciences at Cincinnati Children’s Research Foundation (CCRf) invites applicants for a tenure-track position at the Associate Professor level. Candidates in all areas of reproductive sciences will be considered, while candidates with strong interests in the following areas will receive special consideration: Endocrine disruptors and uterine biology; epigenetics; embryonic implantation and parturition; and the roles of noncoding RNAs and transcription factors in pre-implantation and implantation biology.

Qualified candidates must have a PhD, MD or MD/PhD degree in biomedical sciences. Candidates should have an outstanding record of independent and collaborative research with federally funded grants. All candidates should have strong communication skills and leadership experience in developing innovative programs, collaborations and new initiatives, so they may help to lead the Division to excellence. Cincinnati Children’s is an outstanding place for growth and development and provides a very competitive start-up package.

Cincinnati Children’s Research Foundation is one of the largest pediatric research programs in the nation and ranks 2nd among pediatric hospitals in funding from the National Institutes of Health. The Division is also a member of the Perinatal Institute, which brings together experts in basic and translational research and clinical care to provide a comprehensive approach to newborn health. CCRf has a strong collaborative relationship with the University of Cincinnati, and this position would provide the opportunity to work closely with the university’s many outstanding life sciences research programs, including the Environmental Health research program.

Interested candidates should electronically send a letter of interest, current CV and contact information for three professional references to Dr. S. K. Dey, in the care of Julie Burns (julie.burns@ccmc.org). Faculty appointments are with the University of Cincinnati College of Medicine.

Cincinnati Children’s Hospital Medical Center is an Affirmative Action/Equal Opportunity Institution. Women and minorities are encouraged to apply.

Associate Chief Scientist to head a new laboratory
Permanent Position, RIKEN, Japan

RIKEN, one of Japan’s largest research organizations, carries out advanced basic and applied research in a wide range of fields, including physics, chemistry, medical science, biology, and engineering. RIKEN invites applications for the position of Associate Chief Scientist.

1. Research fields
Research field is not specified. We require the applicant to pioneer his or her own curiosity-driven, internationally-oriented interdisciplinary research field.

2. Qualifications
Self-disciplined scientists with a long-term vision of the next generation of scientific endeavor, and with the ability and research record to preside over their own autonomous laboratories will be considered as candidates for this position.

3. Remuneration
Annual salary (with a bonus system)

4. Type of employment
The position is tenured, subject to RIKEN’s mandatory retirement age of 60.

5. Starting date of employment
April 1, 2012 (in principle)

Closing date: 5pm, May 27, 2011 (Japan Standard Time)

For more information, please visit:
J. Craig Venter Institute
Faculty Positions
La Jolla, CA and Rockville, MD

For nearly two decades our scientists have been at the forefront of the genomic revolution. Now, we want you to join us in our quest!

J. Craig Venter Institute scientists have been unraveling and understanding the complexities of life as contained in the genomes of thousands of microbes, plants, and mammals, including humans. Our scientific success is built on the philosophy of conducting science boldly in new interdisciplinary ways, using new tools and with the best scientist. The ever increasing amounts of genomic data and new avenues of research to explore, mean we need additional scientists with unique skills and ideas that will help us better understand the world around us.

JCVI is seeking qualified applicants for positions at all levels at our La Jolla, California and Rockville, MD facilities particularly in the following research focus areas:

- Human genomics
- Environmental genomics, including human microbiome research
- Synthetic genomics
- Bioenergy
- Bioinformatics and computational biology
- Vaccine Development

Successful candidates will conduct innovative, independent research, obtain extramural funding, take advantage of interactions with our interdisciplinary, highly collegial group of scientists within JCVI, and complement existing strengths within the organization. Candidates must have a Ph.D. or M.D. and a record of accomplishment in one or more of the targeted areas. The level of appointment will be commensurate with experience.

JCVI offers an excellent working environment and a competitive benefits package. Interested applicants should apply directly in our career center by submitting their CV and a cover letter which includes a description of research interests and contact information for three references. JCVI’s Career Center is located on our web site at www.jcvi.org.

Equal Opportunity Employer M/F/D/V
Need to hire Postdocs?

Special Career Feature:
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ScienceCareers.org
Michigan State University

MSU Bioeconomy Institute R&D Director

With the very generous endowment support of regional donors to the Community Foundation of the Holland-Zeeland Area (CFHZA), Michigan State University (MSU) seeks a Research and Development (R&D) Director for the MSU Bioeconomy Institute in Holland, Mich.

The successful candidate will:

- Bring substantial industrial experience, bioeconomy-related research expertise, and personal leadership to a young, entrepreneurially focused organization, with the aim of establishing nationally recognized R&D excellence relevant to private sector needs.
- Recruit and maintain an internationally competitive, personally led R&D group.
- Actively oversee the development of a diverse set of other independent R&D groups led by colleagues.
- Liaise with corporate, economic development, government, and higher education collaborators, with the aim of ensuring that Institute programs support the emerging regional, state, and national bioeconomy.
- Develop a sustainable funding base for Institute research through energetic and successful solicitation of peer-reviewed grants, cooperative research agreements, and industrial affiliate group memberships.
- Build appropriate, mutually beneficial collaborative relationships with faculty and units on the MSU campus and at other MSU sites throughout Michigan.

Compensation will be competitive and commensurate with experience. Faculty appointment at an appropriate rank in any of several MSU colleges and schools/departments will be considered for interested candidates with requisite credentials.

INSTITUTE BACKGROUND: In December 2007, Pfizer donated a modern, 138,000-square-foot research and development building with extensive chemical pilot plant production capabilities to MSU. MSU received possession of the Institute on March 14, 2009. The research component of the facility offers more than 31,000 square feet of modern labs with traditional and walk-in chemical fume hoods, a 105-seat auditorium, library space, plus professional and staff offices. The pilot plant contains stainless steel, glass-lined, and Hastelloy® reactor vessels with an aggregate 25,000-liter capacity, plus seven dryers, a Foxboro DCS control system, a glycol heat transfer medium system for temperature control, centrifuges, Niagara filters, and vacuum sources.

MSU has contracted with Lakeshore Advantage Corporation, the regional economic development organization, to manage a start-up company incubator in one wing of the building. Current tenants pursue opportunities in biocomposites, biofuels, and specialty chemicals. In addition to the $5M+ CFHZA endowment for the support of the R&D Director, $4.8M has been received to date for the Institute in proposal-based grants from the Michigan Strategic Fund. For information about the Institute and this search, please visit http://research.msu.edu/stories/msu-holland-facility-offers-rd-pilot-plant or call MSU at (517) 432-4499. Nominations and applications, including curriculum vitae and references, may be sent to the search committee, c/o Brenda Hoten, hoten@msu.edu.

MSU is an Affirmative Action/Equal Opportunity Employer. MSU is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

Directors

Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE)

Cornell University, located in Ithaca, New York, is an inclusive, dynamic, and innovative Ivy League university and New York’s land-grant institution. Its staff, faculty, and students impart an uncommon sense of larger purpose and contribute creative ideas and best practices to further the university’s mission of teaching, research, and outreach.

A search has begun for a new director of the Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE). CLASSE is a major interdisciplinary research center whose mission includes the study of beam physics, photon science and particle physics. CLASSE has extensive resources that support its research mission. These include Newman and Wilson laboratories, their facilities, shops and computing infrastructure, the Cornell Electron Storage Ring accelerator complex, the CHESS National X-ray facility, and the supporting technical and administrative staff. A principal current focus of CLASSE is the development of an Energy Recovery Linac (ERL) as a next generation light source. At the same time, CLASSE continues to facilitate an array of other research projects in accelerator physics, photon science, and theoretical and experimental particle physics. CLASSE infrastructure and personnel are supported primarily through research grants.

The CLASSE Directorship is a dual appointment, as the chief executive officer of the Laboratory and a tenured member of the Cornell faculty with academic responsibilities in the Physics Department or one of the other academic units with significant faculty and student involvement in CLASSE based activities. The CLASSE Director is responsible for the management of the laboratory’s administrative infrastructure, staff and research facilities so as to best support and promote the success of the broad range externally sponsored research projects that are carried out by the faculty and staff associated with CLASSE and that utilize CLASSE resources. The Director works in close consultation with the PIs for the major CLASSE projects to ensure the availability and proper allocation of resources necessary for success.

The Director is the principal advocate and ambassador for the evolving CLASSE programs and he or she is expected to articulate and promote that scientific vision within the university, at the federal funding agencies, particularly at NSF and DOE, and with the NY State and Federal legislatures and administrations. The Director is expected to maintain a national and international presence on review panels and advisory boards, and to keep well apprised of national and international developments in the fields of photon science and accelerator physics that could significantly impact current and future CLASSE projects and programs. The Director also has oversight responsibility for the graduate and postdoctoral educational mission of CLASSE and for its educational outreach activities.

Ph.D. required with a background in Physics or other appropriate discipline. The search committee welcomes applications or nominations for this position, preferably accompanied by curriculum vitae and other information bearing on the candidate’s qualifications for the Directorship. Relevant qualifications include scientific stature, leadership, and management skills.

Applications will be accepted until the position is filled, however interviews will begin as soon as qualified applicants are identified. Applications and nominations should be sent to Deborah Shigley, Research Division HR, 222 Day Hall, Cornell University, Ithaca, NY 14853; or by e-mail attachment to dks7@cornell.edu

Cornell University

Cornell University is an affirmative action/equal opportunity employer and educator.
Saint Louis University, a Catholic Jesuit institution dedicated to student learning, research, health care, and service, is seeking outstanding applicants for tenure-track faculty positions at the ASSISTANT PROFESSOR level in the Edward A. Doisy Department of Biochemistry and Molecular Biology (http://biochem.slu.edu/). The Department has an outstanding faculty, a long tradition of excellence in research and education and is housed in the state-of-the-art Doisy Research Center completed in 2007. We are interested in candidates with demonstrated ability to develop strong and independent research programs that would complement existing strengths in the Department. Research programs addressing systems relevant to human health in terms of their structural and mechanistic components will be given high priority. A Ph.D. or M.D. degree, outstanding record of publications, evidence of current external funding, enthusiasm for teaching and mentoring research trainees are important criteria for selection.

Interested candidates should submit a cover letter, current curriculum vitae, relevant publications, future research plans, a detailed 3-year budget and addresses of three references to http://jobs.slu.edu.

Saint Louis University is an Affirmative Action, Equal Opportunity Employer, and encourages nominations and applications of women and minorities.
The Desert Research Institute (DRI), the non-profit environmental research institution of the Nevada System of Higher Education (NSHE), strives to be the world leader in environmental sciences through the application of knowledge and technologies to improve people’s lives throughout Nevada and the world. DRI has research divisions in Atmospheric Sciences, Hydrologic Sciences, and Earth and Ecosystem Sciences.

The Division of Atmospheric Sciences within DRI is currently searching for an Executive Director to support, facilitate, and grow divisional research activities through strong leadership that utilizes the Division’s scientific and development skills. Recognized internationally for its air quality research, DAS also has a well-developed research component in the fire sciences as it relates to fire, weather, fuels, climate change, air quality, and characterization of emissions. DAS has approximately 80 faculty and support staff and over 70 graduate research assistants. Visit http://www.dri.edu/das for more detailed information.

The DAS Executive Director reports to the Executive Vice President for Research (EVPR) and supports the scientific and programmatic needs of the Division. She/he will provide leadership by utilizing specific faculty and project activities and by facilitating cooperation in teaching and research with related departments at University of Nevada, Reno and the University of Nevada, Las Vegas as well as developing division-based projects with existing and new clients; and representing DRI to sponsors and government agencies. Additional responsibilities include leadership and direction to integrate the Divisional strengths and synergistic interactions among Division scientists, interact with funding agencies to market DAS capabilities, attract research funds and anticipate areas of scientific growth and opportunity, and prioritize allocation of divisional funds for development of research programs.

Required: Ph.D. or equivalent graduate degree in atmospheric sciences or a related field. Broad understanding of atmospheric and air quality sciences. Evidence of success in building and leading research programs in governmental, private sector, or university settings. Demonstrated strong interpersonal, collaborative, and written communication skills. Creativity in identifying research issues and pursuing research avenues that will enhance DAS’s academic prestige and financial standing. Demonstrated ability to supervise/manage budgets for similar organizations along with the ability to supervise/manage personnel and human resource functions and issues.

Preferred: Direct experience in the soft-money research environment, such as in a national laboratory, university institute, or high-level consulting firm.

Salary is commensurate with experience and education. DRI offers an benefits package that includes medical, health, dental, vision, life and long-term disability insurance, 11.25% matching retirement by DRI, paid annual and sick leave, 11 paid holidays, tuition reduction at NSHE institutions for employee and dependents. Additionally, there is no state income tax and no social security deduction.

For complete job description and to apply go to: www.dri.edu/employment

Review begins immediately and continues until the position is filled. Priority will be given to applications received by March 15, 2011.

The Desert Research Institute is an Affirmative Action / Equal Employment Opportunity employer.

Faculty Position in Brain Tumor Research

The Barrow Neurological Institute seeks new faculty members for a newly-initiated Brain Tumor Research Center to develop high-impact and sustainable research programs that advance our understanding of pediatric and adult brain tumors. Appointments may be at the Assistant, Associate or Full Professor level. Membership to the appropriate basic science or clinical department, appointment to graduate programs, excellent place, ongoing partial salary support, and startup funding will be provided. An advanced degree and substantial research background are required. The Barrow Neurological Institute, located in Phoenix, Arizona, is one of the busiest clinical neuroscience centers in the world and is ranked by US News & World Report as one of the top 10 Neurology and Neurosurgery programs in the country.

Applicants may apply in any area of brain tumor research, although strategic interests include molecular neuro-oncology, epigenetics, neuro-epidemiology, stem cell biology, neurofibromatosis, immunotherapy, and developmental neurobiology. Please send CV, summary of current research (one page), outline of future research (two pages), and 3 letters of recommendations to Debbie Nagelhout (debbie.nagelhout@baaneuro.net), academic assistant to Nader Sanai, M.D., Director, Barrow Brain Tumor Research Center, Barrow Neurological Institute. Applications will be considered starting January 1, 2011 and accepted until April 1, 2011.

Postdoctoral Fellow in Brain Tumor Research

The BARROW NEUROLOGICAL INSTITUTE is seeking a postdoctoral fellow to compliment the preclinical neuroscience research in the laboratory of Nader Sanai, M.D. Qualified applicants holding an M.D., Ph.D., or equivalent degree will investigate the neurobiological basis of neural and glial CNS progenitors (see Nature 2004 February 19), particularly in the context of brain tumors. Successful candidates will have skill sets in the molecular biology, histopathology, biochemistry, tissue culture assays and mouse models to characterize stem and progenitor cells. Preference will be given to those who also have experience in molecular imaging of neural precursors and applying field-strength magnetic resonance spectroscopy. The Barrow Neurological Institute is a translationally oriented basic science research facility located in Phoenix, Arizona and located adjacent to the state’s largest tertiary care hospital. It is in an urban center of academic, biotechnology, and pharmaceutical research, neighboring Arizona State University and the University of Arizona School of Medicine. Initial appointment is for two years with the possibility of renewal.

Interested candidates should e-mail a brief statement of research interests, CV and the names and contact information for three references to Debbie Nagelhout, Academic Assistant to the Director of the Barrow Brain Tumor Research Center, Barrow Neurological Institute and St. Joseph’s Hospital and Medical Center, 350 West Thomas Road, Phoenix, AZ 85013, debbie.nagelhout@baaneuro.net or apply online at http://www.stjosephs-phx.org/index.htm.

GRADUATE PROGRAM

CECAD Cologne:
Excellence Competence Hightech
coming together in top-level research

CECAD Cologne is the unifying driving force bringing together researchers and clinicians of the University of Cologne and the MPI for the Biology of Ageing. The mission of CECAD Cologne is to unravel the molecular mechanisms underlying lifespan regulation and age-related diseases. CECAD’s long-term objective is to develop novel therapeutic interventions. CECAD Cologne is being funded by the German Research Foundation (DFG) within the Excellence Initiative.

Sustainable Career Perspectives – The CECAD Graduate School.

CECAD currently offers a comprehensive PhD training program with excellent research conditions and state-of-the-art facilities. For information and application until 20 March 2011, please visit our website www.cecad.uni-koeln.de.

Contact: Dr. Doris Birker, Robert-Koch-Str. 21; D-50931 Cologne
mailto: dbirker@uni-koeln.de, www.cecad.uni-koeln.de
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FACTS & FICTION
Careers in Industry and Academia

Trying to figure out the next step in your career? Join us for a roundtable discussion that will look at facts and fiction surrounding academic and industry career options for PhD-level scientists. Get some nuts and bolts advice on how to research career options, what questions to ask, and how to best prepare for various careers.

- Do industry and academic careers require different skill sets?
- Do industry jobs have better compensation? Less autonomy?
- Do academic scientists have less work/life balance?

For answers view our roundtable discussion for free at:
ScienceCareers.org/webinar

Produced by the Science/AAAS Business Office.
### Meetings

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<td>March 22 - 26</td>
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<tr>
<td>Computational Cell Biology</td>
<td>March 29 - April 1</td>
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<tr>
<td>Cell Engineering &amp; Cell-Based Therapies</td>
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<td>The Biology of Cancer: Microenvironment, Metastasis &amp; Therapeutics</td>
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<td>Telomeres &amp; Telomerase</td>
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<td>Honey Bee Genomics &amp; Biology</td>
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<td>The Biology of Genomes</td>
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<td>Proteomics</td>
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<td>Mouse Embryology of the Molecularon Channel Physiology</td>
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<td>Yeast Cell Biology</td>
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<td>Eukaryotic mRNA Processing</td>
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<td>Eukaryotic DNA Replication &amp; Genome Maintenance</td>
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<td>Microbial Pathogenesis &amp; Host Response</td>
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<td>Stem Cell Biology</td>
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<td>Neurobiology of Drosophila</td>
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<td>Frontiers &amp; Techniques in Plant Science</td>
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<td>Neurobiology of Drosophila</td>
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<td>Structure Function &amp; Development of the Visual System</td>
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<td>Advanced Techniques in Molecular Neuroscience</td>
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<td>Circuits &amp; Connectivity in the Vertebrate Brain</td>
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<td>Imaging Structure &amp; Function in the Nervous System</td>
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<td>Yeast Genetics &amp; Genomics</td>
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<td>Statistical Analysis of Genomic Data</td>
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<td>Cellular Biology of Addiction</td>
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<td>Programming for Biology</td>
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<td>X-Ray Methods in Structural Biology</td>
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### Courses

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<td>Molecular Embryology of the Mouse</td>
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<td>Biology of Memory</td>
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<tr>
<td>Eukaryotic Gene Expression</td>
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*Cocktails during the 2010 Symposium at the unveiling of the Darwin statue.*
**POSITIONS OPEN**

**FACULTY POSITION in Stem Cell Biology, Instructor Level**

Harvard Medical School

The New England Primate Research Center (NEPRC) of Harvard Medical School (HMS) is seeking outstanding candidates to join the Stem Cell Biology faculty as Instructor. The position involves teaching a variety of functional genomics by characterizing the genes involved in renal and cardiac hypertrophy and fibrosis in Npr1 gene-targeted mice. Experience in the in vivo studies of mice will be preferred. The role involves studying the transcriptional regulation and expression of guanylyl cyclase receptor involving promoter analysis, EMSA, and CHIP. The position involves interacting with a team of experts in the field of developmental biology.

**FACULTY POSITION in Developmental Biology**

The University of Texas (UT) seeks candidates to join the ASSOCIATE or FULL PROFESSOR level preferably focusing on developmental aspects of functional/comparative genomics, physiology, neurobiology, cell biology, endocrinology, or genetics, with expertise in the cardiovascular system, respiration, stress response, and/or metabolism. The successful candidate must have a Ph.D. in a related topic to medical and graduate students. The position includes startup funds and a 12-month salary. Applications will be reviewed until February 28, 2011. Start dates may be considered at the discretion of the committee.

**POSITIONS OPEN**

**FACULTY POSITION in Genomics**

Columbia University

Columbia University is seeking outstanding candidates to join the Department of Neurology at Columbia University, Seattle, WA. The successful candidate will establish an active research program focusing on molecular basis of genetic diseases affecting human health. This position includes startup funds and participation in research activities.

**POSITIONS OPEN**

**UNIVERSITY OF FLORIDA**

Department of Chemistry

The Department of Chemistry, College of Pharmacy, University of Florida, invites applications for a tenure-track ASSISTANT PROFFESSOR position. The successful candidate will have a Ph.D. in medicinal chemistry and a demonstrated record of excellence in drug discovery and development. The appointment will be at any rank, and the successful candidate will be expected to participate in professional and graduate instructional activities. Generous startup funds are available for academic career advancement. Interested professionals should send curriculum vitae, summary of research experience and proposed research, teaching experience, and three letters of reference to: Dr. Hendrik Luesch, chair, Medicinal Chemistry Faculty Search Committee. Applications should be submitted electronically as PDF files to the Chair of the Medicinal Chemistry Faculty Search Committee. This unique research environment offers excellent opportunities for collaborative research.

**POSTDOCTORAL/RESEARCH ASSOCIATE**

The Charles E. Schmidt College of Medicine is seeking a tenure-track/tenured FACULTY MEMBER at any rank to conduct research and teach microbiology and infectious diseases or a related topic to medical and graduate students. The applicant will have a well-developed research program and experience in teaching. The position includes startup funds and a 12-month salary. Applications will be accepted until April 1, 2011 or until the position is filled. Application materials must be submitted electronically including: Administrative, Managerial, and Professional (AMP) application, cover letter, curriculum vitae, one-page summary of teaching experience and philosophy, and one-page summary of research interests. The University of Florida is an Equal Opportunity/Affirmative Action Employer. Applications are especially encouraged from qualified minority and female applicants.

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