DISTINGUISHED POSTDOCTORAL SCHOLAR PROGRAM in Biological Complexity
North Carolina State University

North Carolina State University (NCSU) is embarking on a new university-wide interdisciplinary initiative in biological complexity encompassing systems genetics, behavioral neurogenetics and neurogenomics, genome-environment interactions, ecological genetics, systems ecology, climate change, computational biology, and bioinformatics.

Associated with the new initiative in biological complexity is a distinguished postdoctoral scholar program. Applicants are expected to be near completion of a terminal Doctorate degree, have a strong research record with evidence of exceptional scholarship, and embrace interdisciplinary research. Postdoctoral scholars will receive competitive stipends and independent research programs with guidance from a multidisciplinary mentoring committee in areas covered by the initiative in biological complexity.

To apply for postdoctoral positions, go to website: http://jobs.ncsu.edu/applicants/Central?quickFind=89221 (position number 100552), and provide a cover letter, curriculum vitae, a three-sentence statement of the most significant scientific problem(s) to be addressed in the near future, and statements of research interests. Three letters of recommendation should be sent to e-mail: genetics@ncsu.edu. Review of applications will begin immediately, and continue until the positions are filled.

DEAN
College of Agricultural and Life Sciences
University of Wisconsin–Madison

The University of Wisconsin-Madison, one of the world’s outstanding public research and teaching universities, invites nominations and applications for the position of Dean of the College of Agricultural and Life Sciences. The college offers graduate and undergraduate instruction keyed to research, education, business, and outreach to the citizens of the state and beyond. Please see the following for a full description of the vacancy, qualifications, and application/nomination information website: http://www.secfac.wisc.edu/searches/CALSDean2011/VacancyAnnouncement2011.htm. Submit electronic applications/nominations to e-mail: ag-and-life-sciences-dean-search@secfac.wisc.edu by 4 April 2011 to ensure consideration.

The University of Wisconsin-Madison is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will continue until the positions are filled.

POSTDOCTORAL RESEARCH ASSOCIATE in Microbial Physiology/Functional Genomics
Oak Ridge National Laboratory · Oak Ridge, TN

Project Description: The successful candidate will join a multidisciplinary team of investigators who apply advanced genomics-enabled techniques to understand the physiology and ecology of microorganisms in support of U.S. Department of Energy Bioenergy missions. There will be opportunities to be involved in other projects as part of the new Bioenergy Science Center, which will use a wide-range of systems biology approaches (e.g., metabolomics, proteomics) to develop new ways to convert biomass into biofuels.

Qualifications: The position requires a Ph.D. degree with experience in microbiology, molecular biology, genetics, bioinformatics, or related field. Experience or knowledge is highly desirable in genomic databases, use of statistical tools such as R, SAS and bioinformatics analysis tools such as JMP Genomics. Excellent analytical, problem solving, interpersonal skills required, outstanding written and verbal communication skills are requisite. Applicants cannot have received the most recent degree more than five years prior to the date of application and must complete all degree requirements before starting their appointment.

How to Apply: Qualified applicants must apply online at website: https://www2.orau.gov/ORNL_POST/. All applicants will need to register before they can begin the online application. For complete instructions, on how to apply, please see the instructions at website: http://www.orau.gov/orise/cdu/orml/ornl-pdpm/application.htm.

This appointment is offered through the ORNL Postgraduate Research Participation Program and is administered by the Oak Ridge Institute for Science and Education (ORISE). The program is open to all qualified U.S. and non-U.S. citizens without regard to race, color, age, religion, sex, national origin, physical or mental disability, or status as a Vietnam-era veteran or disabled veteran.
Tenure-Track/Tenure-Eligible Investigator
Hepatitis Virus Vaccine Research

The Laboratory of Infectious Diseases (LID), Division of Intramural Research (DIR), National Institute of Allergy and Infectious Diseases is seeking an outstanding individual to study the molecular biology and pathogenesis of hepatitis C virus and to develop and test candidate vaccines, immunotherapy, and immunoprophylaxis strategies. Studies of other human hepatitis viruses are also encouraged.

The incumbent will be expected to conduct a vigorous research program that includes molecular virology, studies of protective immunity, production and characterization of candidate vaccines, and testing of vaccines and antibodies in animal models including nonhuman primates. The incumbent will benefit from unique opportunities to interact with other members of LID and DIR who perform basic and translational research on hepatitis and other viruses.

LID has a diverse portfolio of virus vaccine research and an extensive collection of hepatitis specimens from humans and nonhuman primates. Access to nonhuman primates, state-of-the-art core research support, and the NIH Clinical Center—a premier research hospital on the main NIH campus—is available.

Additional information about LID is available online at [www.niaid.nih.gov/LabsAndResources/labs/aboutlabs/lid](http://www.niaid.nih.gov/LabsAndResources/labs/aboutlabs/lid). DIR provides support for salary, technical personnel, postdoctoral fellows, equipment, and research supplies. Salary is dependent on experience and qualifications.

To apply, submit your curriculum vitae, bibliography, and a detailed statement of how your expertise can contribute to the success of the hepatitis virus program to Ms. Bao-Hahn Ngo at LIDViralHepatitisSearch@niaid.nih.gov. In addition, three letters of reference must be sent directly from the referee to Dr. Bernard Moss, Chair, NIAID Search Committee, c/o Ms. Bao-Hahn Ngo at LIDViralHepatitisSearch@niaid.nih.gov or 10 Center Drive, MSC 1356, Building 10, Room 4A22, Bethesda, MD 20892-1356. E-mail is preferred.

Applications will be reviewed starting on April 25, 2011 and will be accepted until the position is filled. Further information regarding DIR laboratories is available at [www.niaid.nih.gov/about/organization/dir](http://www.niaid.nih.gov/about/organization/dir) and information on working at NIAID is available at [www.niaid.nih.gov/careers/dat](http://www.niaid.nih.gov/careers/dat).

A full package of benefits (including retirement and health, life, and long-term care insurance) is available. Women and minority candidates are especially encouraged to apply. U.S. citizenship is not required.

Applicants must have an M.D., Ph.D., M.D./Ph.D., or equivalent degree in a relevant field with extensive postdoctoral experience, as well as a strong publication record demonstrating potential for creative research.

Interested candidates may contact Jeffrey Cohen, LID Chief, at 301-496-5265 or jcohen@niaid.nih.gov for additional information about this position.

The NIH is dedicated to building a diverse community in its training and employment programs.
New Positions in Environmental Sciences

The Environmental Sciences Division with the College of Agricultural and Environmental Sciences announces three Assistant Professor positions reflecting a new suite of planned investments in Environmental Sustainability.

The positions currently being recruited are:

Assistant Professor - Molecular Ecotoxicologist: (Department of Environmental Toxicology - http://www.envtox.ucdavis.edu): This position will provide research leadership in the ecotoxicology of human impacts at the urban-agriculture-wildlands interface. The ideal candidate would provide linkage of chemical impacts at the molecular level with those at the population and community levels.

Assistant Professor - Regional Climate Modeler (Department of Land, Air and Water Resources - http://lawr.ucdavis.edu): This position will provide research leadership in applications of modeling the dynamical and physical processes that influence regional climate change. The ideal candidate would link atmospheric processes with other components of the Earth system, especially hydrologic and biogeochemical processes.

Assistant Professor - Urban Conservation Ecologist (Department of Wildlife, Fish, and Conservation Biology – http://wfb.ucdavis.edu): The position is expected to provide research leadership in conservation in urban and anthropogenically-influenced environments. We seek candidates with vertebrate expertise, and we are especially interested in applicants who work with birds.

For additional information about these positions, and to submit application materials, please visit http://recruitments.ucdavis.edu. All positions are open until filled, but all application materials, including letters of recommendation, should be received by April 1, 2011 to assure full consideration.

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

Assistant Professor, Tenure-Stream

The Department of Physiology, University of Toronto invites applications for a tenure-stream position in the area of Developmental Physiology. This position will be at the rank of Assistant Professor and will be effective on or after July 1, 2011.

We are searching for an outstanding Developmental Physiologist whose research program complements those in the Department. Preference will be given to candidates whose major area of study is the cellular and molecular basis of neuroendocrine, endocrine or placental development with a focus on how early development influences physiological function in later life.

Candidates will currently have experience in a range of innovative approaches, including epigenetics, proteomics, genetic manipulations and/or imaging. The successful candidate will participate fully in the research and teaching programs of the Department. Evidence of excellence in research and teaching is required. This tenure-stream position offers outstanding scholarly and scientific resources and unique opportunities to interact with related departments and research centers throughout the University of Toronto, its affiliated hospitals and the Toronto research community. The successful candidate will have a PhD, MD or equivalent graduate degree with several years of post-doctoral training and excellence in fundamental research. Salary to be commensurate with qualifications and experience.

Applications will be accepted online. For further details and to apply online please visit www.jobs.utoronto.ca/faculty, Job #1100173. Closing date for applications is April 7, 2011. Please ensure that you include a current CV, a clear statement of your specific research and teaching interests, and the names and contact information of at least three references. We encourage applicants to combine PDF or MS WORD documents into one or two files. For more information about the Department of Physiology, please visit www.physiology.utoronto.ca.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

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

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, medical devices, sensors, instruments, and medical equipment. The current research 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
West Virginia University (WVU) Health Sciences Center (HSC) seeks an accomplished and dynamic individual to serve as Vice President for Health Sciences Research and Graduate Education. The HSC is committed to continuous development as a high quality academic institution, with unique responsibilities to the State of West Virginia and commitment to impacting national and international research and academic programs. This commitment is underscored further in the Strategic Plans recently completed by both the University and the Health Sciences Center. Establishing leading edge research programs is a top strategic priority for the Health Sciences Center and is consistent with the Health Sciences Center vision: Transforming Lives and Removing Health Disparities.

The four HSC Schools, Dentistry, Medicine, Nursing and Pharmacy, are actively engaged in a broad spectrum of research activities. The HSC places pronounced emphasis on its research mission reflected by recent changes to position the HSC for continued growth. The biomedical PhD programs have been reorganized around cross disciplinary themes with an integrated, common first year curriculum consistent with contemporary approaches to doctoral education. Research efforts are organized to underscore cross discipline, clinical and translational research themes with emphasis on cancer, neuroscience and cardiopulmonary investigations through organized centers. The Strategic Plan of both the University and HSC also underscore the need to develop effective programs in commercialization and industry relations. In addition, the Health Sciences Center is home to Prevention Research and Injury Control Research Centers, funded by CDC. Approximately 200,000 sq. ft. of new research space was opened last year with new and renovated animal facilities to open within the next year and a half.

Responsibilities: This position reports directly to the Chancellor for Health Sciences of West Virginia University. The Vice President for Health Sciences Research and Graduate Education has responsibility for developing, coordinating and stimulating research activity and scholarship. To maximize the impact of HSC-based research across the university campus, this position will work closely with the University’s Provost Office, the Research Corporation and University colleges. The incumbent will work to increase and diversify research and scholarship, peer-reviewed extramural funding, technology transfer and graduate education. The HSC research office is responsible for internal funding initiatives and enhancing research development infrastructure.

Qualifications:
- Doctoral degree and credentials which qualify for the rank of Professor
- Demonstrated record of academic accomplishments and innovation having national and international impact
- Demonstrated understanding of the link between research and graduate education
- Demonstrated ability to foster academic and research program development and excellence, with particular emphasis on individual experience in basic, clinical, population and translational research
- Demonstrated and diverse experience in managing federal, state and foundation research initiatives and funding sources
- Demonstrated expertise/experience in technology commercialization and enhancing faculty engagement in technology commercialization
- Substantial and sequential administrative experience in an academic HSC or similar work environment
- Demonstrated ability to foster cross disciplinary research, delegate authority and ensure accountability
- Demonstrated ability to be a positive, supportive role model for faculty and students
- Demonstrated commitment to diversifying the faculty and students

Application materials should include a letter addressing how the candidate’s experiences match the position requirements, a curriculum vitae, and the name, title, e-mail and business address and business and home telephone numbers of at least five professional references. Submission of materials in the form of electronic documents is strongly encouraged. Individuals wishing to nominate candidates for the position should submit a letter of nomination, including the name, position, address, and telephone number of the nominee. West Virginia University is strongly committed to diversity and encourages nominations and applications from all qualified individuals. The position will remain open until filled.

Confidential requests for information, written nominations and application materials should be directed to:

Dr. Suresh Madhavan  
Chair/Professor, Pharmaceutical Systems & Policy  
Chair, Search Committee  
c/o Carol B. Smith  
Robert C. Byrd Health Sciences Center  
West Virginia University  
Post Office Box 9000  
Morgantown, WV 26506-9000  
(304) 293-4512  
cbsmith@hsc.wvu.edu

West Virginia University is an Equal Opportunity/Affirmative Action Employer.

WVU Health Sciences Center is a tobacco-free campus.
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.

ScienceCareers.org
The Model Animal Research Center (MARC) of Nanjing University invites applications for full-time faculty positions, at academic ranks of Associate or Full Professor. Individuals with demonstrated accomplishments in, but not limited to, the following areas are encouraged to apply—neurobiology, immunology, development biology, metabolic disease and cancer biology. Highly competitive research support will be provided in an interactive and nurturing environment. Individuals will have an opportunity to establish a state-of-the-art independent research program in newly renovated space and to interact with a strong group of affiliated scientists. More information can be found at http://www.nicemice.cn/.

Our institution's research interests emphasize on programs in the studies on human diseases using model animal systems such as mouse, zebrafish, fruit fly, and Xenopus. Now MARC has established an excellent platform for functional analysis of transgenic and knockout mice, with AAALAC accredited SPF animal facility with more than 50,000 mouse cages.

Interested individuals, regardless of their nationalities, should submit a detailed letter of interest, curriculum vitae, PDFs of three of their best publications, and three letters of recommendation to: Xiang Gao Ph.D., Director of Model Animal Research Center, Nanjing University, 12 Xuefu Road, Nanjing, Jiangsu 210061, China (gaoxiang@nju.edu.cn or gaoxiang@nicemice.cn). The positions are available immediately. Applications will be evaluated by faculty search committee upon receipt until the positions are filled.

Tenure-Track Faculty Positions in Neuroscience
Faculty of Medicine

Located in the thriving, multicultural city of Winnipeg, the University of Manitoba offers students and faculty both the opportunity for a vibrant learning community and exceptional facilities and the chance to explore ideas; challenge assumptions and turn theory into reality. Our researchers are among the best in the world, finding new ways to protect the environment, improve human health, advance technology and strengthen communities in Canada and beyond. With more than 30,000 students, faculty, and staff, and over 90 degree programs, the University of Manitoba plays a key role in the social, cultural, and economic well-being of our community and our world.

The Faculty of Medicine, University of Manitoba and the Winnipeg Regional Health Authority are developing a new priority initiative, the Neuroscience Research Program. Four (4) tenure-track faculty positions are available at the rank of Assistant or Associate Professor, commensurate with qualifications and experience. Position # 10632, 10633, 10634, 10635. The candidates must have a PhD and/or MD with strong demonstrated expertise in neuroscience research.

The new recruits are expected to teach in, and to develop a rigorous and independently-funded research program with an essential translational component in neuroprotection/repair as it relates to such areas as neurodegenerative disorders (including Alzheimer’s, depression, schizophrenia, MS, etc.), stroke, or acute injury/trauma. Some examples of research expertise are: neuropharmacology (including gene therapies), neuroregeneration, and neuroimaging (including fMRI, PET, and CT). The successful candidates will be offered an academic appointment in a basic science department, depending upon each candidate’s interests and specialty area. All candidates are also expected to develop strong collaboration in translational research with clinical departments.

The Program will be housed in the new Klesyen Institute of Advanced Medicine, which is part of the Health Sciences Centre complex. One of the goals of the Institute is to foster opportunities for collaborative research between basic and clinician scientists with a focus on human neurological diseases. The successful candidates will be provided with a competitive start-up package and will have access to numerous state-of-the-art facilities and expertise including gene targeting, high throughput screening, RNAi Libraries, Proteomics, Genomics, cell sorting, and animal modeling, imaging and behaviour systems. Learn more about our research at http://www.umanitoba.ca/faculties/medicine/research.

Winnipeg has a strong health research focus. The city has a rich cultural environment, including symphony, opera, dance, theatre, professional sports and ethnic festivals. The region provides many opportunities for outdoor recreation in all seasons. Learn more about Winnipeg at http://www.city.winnipeg.mb.ca.

The University of Manitoba encourages applications from qualified women and men, including members of visible minorities, Aboriginal peoples and persons with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Candidates are to forward further inquiries or a letter of application together with curriculum vitae, supportive information, a statement of research interests and the names and contact information of three referees to: Dr. Peter Nickerson, Associate Dean of Research, E-mail: neurobio@cc.umanitoba.ca, Faculty of Medicine, University of Manitoba, Room A108 Chown Bldg, 753 McDermot Ave., Winnipeg, MB R3E 0T6, Tel: (204) 789-3375, Fax: (204) 789-3942

Selection process starts on April 1, 2011 and will remain open until filled. Anticipated start date is September 1, 2011 or as soon thereafter as possible.

Application materials, including letters of reference, will be handled in accordance with the “Freedom of Information and Protection of Privacy Act” (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.

For more information on this opportunity, please visit http://www.umanitoba.ca/employment.
Nontraditional Careers: Opportunities Away From the Bench

Webinar

Want to learn more about exciting and rewarding careers outside of academic/industrial research? View a roundtable discussion that looks at the various career options open to scientists across different sectors and strategies you can use to pursue a nonresearch career.

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Participating Experts:

Dr. Lori Conlan
Director of Postdoc Services, Office of Intramural Training and Education
National Institutes of Health

Pearl Freier
President
Cambridge BioPartners

Dr. Marion Müller
Director, DFG Office North America
Deutsche Forschungsgemeinschaft (German Research Foundation)

Richard Weibl
Director, Center for Careers in Science and Technology
American Association for the Advancement of Science

Produced by the Science/AAAS Business Office.
EXECUTIVE DIRECTOR  
Institute of Molecular and Cell Biology (IMCB), Singapore

Singapore’s Agency for Science, Technology and Research (A*STAR) is seeking a visionary leader to head the Institute of Molecular and Cell Biology (IMCB), an established research institute with a mission to foster a vibrant research culture and train world-class manpower to fuel the flourishing biotechnology and pharmaceutical industries in Singapore. A*STAR is a diverse scientific community consisting of 2,300 research engineers and scientists from over 50 countries across the world. This is an exciting opportunity to forge and shape a multi-disciplinary, multi-cultural research environment in a nation dedicated to developing scientific R&D as a crucial pillar of its economy.

IMCB was established in 1987 at the National University of Singapore (NUS) before becoming an autonomous research institute at A*STAR. Funded primarily by A*STAR’s Biomedical Research Council (BMRC), research at IMCB focuses on six major fields: Cell Biology, Developmental Biology, Genomics, Structural Biology, Infectious Diseases, Cancer Biology and Translational Research.

As Executive Director of IMCB, you will have the opportunity to lead the Institute in driving world-class research and shaping Singapore’s biomedical R&D landscape. Core duties include developing the Institute’s scientific programmes, managing its finances, and providing scientific leadership for its researchers. You will play a key role in aligning IMCB’s activities and resources to A*STAR’s new mission framework of maintaining good science and achieving industrial and economic outcomes by developing more clinical/industrial research and technology platforms.

In addition to being a visionary research leader, you should be an established scientist with an eminent research track record in your chosen field. You should have a proven ability to lead a multidisciplinary research organisation on academic and/or industrial research programmes. Additionally, you should demonstrate strategic vision to drive both IMCB and the field forward, and possess well-developed interpersonal, communication and mentoring skills.

Interested parties may log on to www.a-star.edu.sg/edimcb or send your CV to A-STAR_ADMIN_BMRC@a-star.edu.sg by 8 April 2011.

More information on A*STAR and IMCB can be found at: www.a-star.edu.sg and www.imcb.a-star.edu.sg.

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Bioinformatics and Systems Biology  
Core Facility Director  
Systems Biology Center  
Division of Intramural Research  
National Heart, Lung and Blood Institute (NHLBI)  
National Institutes of Health (NIH)  
Department of Health and Human Services (HHS)

An expert is sought in the areas of Bioinformatics and Computational Biology to direct the Bioinformatics and Systems Biology (BSB) Core Facility, Systems Biology Center, Division of Intramural Research (DIR), National Heart, Lung and Blood Institute (NHLBI), NIH in Bethesda, Maryland USA. The successful applicant will interact with DIR Principal Investigators and the wet-lab-based Core Facility Directors in the design and interpretation of experiments involving 21st century large-scale biology techniques including proteomics, genomics, and literature mining. He/she will oversee BSB Core Facility bioinformatics personnel to provide high level data analysis services to Principal Investigators in the NHLBI DIR; will be expected to foster interaction among individuals in the DIR focused on bioinformatics approaches; and will develop novel computational approaches for the specialized data analysis problems related to a wide range of Intramural projects. State-of-the-art IT infrastructure and support will be provided.

The BSB Core Facility is part of an NHLBI DIR Initiative in Systems Biology. Although the BSB Core Facility is oriented toward providing service and conducting collaborative research, the Director will have the opportunity to devote up to 20% of his/her time to undertake a research program in the area of integrative computational biology. The overall mission of the DIR is to improve the health of all Americans through basic and clinical research, research training, and translation of discoveries to new tools to be applied directly to the field of medicine.

We are seeking an experienced scientist (Ph.D. or equivalent) with significant experience in large-scale data analysis, data mining, optimization techniques, algorithm design and development, and data visualization, as evidenced by citable publications. Experience with protein mass spectrometry data is highly desirable. Excellent interpersonal skills is a requirement. Salary will be commensurate with qualifications and experience. More detailed information about the NHLBI Division of Intramural Research may be found at: dirweb.nhlbi.nih.gov.

Applicants should submit the following: cover letter highlighting key qualifications; current curriculum vitae with complete bibliography; names and addresses of three references; a one-page summary of the applicant’s philosophy of core facility operation; and a list of the three publications that best epitomize the relevant skills of the applicant along with corresponding PDF copies of these publications.

Applications will begin to be reviewed on April 15, 2011, but the advertisement will remain open until the position is filled. PDF versions of documents sent by electronic mail are strongly preferred. Materials should be sent to Dr. Mark A. Knepper c/o: Katie McMahon, Administrative Officer, NHLBI, by email: Katie.McMahon@nih.gov.  

HHS and NIH are Equal Opportunity Employers
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.
ROBERT J. AND CLAIRE PASAROW FOUNDATION
24th Annual MEDICAL RESEARCH AWARDS
CALL FOR NOMINATIONS
Cancer, Cardiovascular Disease, Neuropsychiatry

The Foundation has established annual medical prizes for distinguished accomplishment in three major areas of research in order to increase public awareness of vital areas of investigation. This is the twenty-fourth year of the awards program. Each area of research is allocated $50,000 for awarding directly to individuals. The prizes are given for extraordinary basic and/or clinical or translational research in cancer research, cardiovascular disease, and neuropsychiatry.

Cancer: including basic cellular processes and the various forms of cancer. Past awardees: Peter K. Vogt, PhD; Irving L. Weissman, MD; George F. Vande Woude, PhD; Erkki Ruoslahti, MD; Harold N. Weintraub, MD, PhD; Ronald M. Evans, PhD; Stanley J. Korsmeyer, MD; Carlo M. Croce, MD; Alfred G. Knudson, Jr., MD, PhD; Robert A. Weinberg, MD; Eric S. Lander, D. Phil.; Paul L. Modrich, PhD; Anthony S. Fauci, MD; Alexander J. Varshavsky, PhD; Tom Maniatis, PhD; Roger D. Kornberg, PhD; Elizabeth H. Blackburn, PhD; Fred W. Alt, PhD; Bert O’Malley, MD; Tony Hunter, PhD; Bert Vogelstein, MD; Brian J. Druker, MD; Inder M. Verma, PhD; Angela H. Brodie, PhD; Lewis C. Cantley, PhD; and Joan A. Steitz, PhD

Cardiovascular Disease: including disorders of the heart and vascular system. Past awardees: Burton E. Sobel, MD; Harvey Feigenbaum, MD; Bernardo Nadal-Ginard, MD, PhD; Mordecai P. Blaustein, MD; Jonathan Seidman, PhD and Christine Seidman, MD; Glenn A. Langer, MD; Philip Majerus, MD; Jan L. Breslow, MD; Kenneth R. Chien, MD, PhD; Michael A. Gimbrone, Jr., MD; Masashi Yanagisawa, MD, PhD; Mark T. Keating, MD; Eric N. Olson, PhD; Richard P. Lifton, MD, PhD; Robert J. Lefkowitz, PhD; Shaun Coughlin, MD, PhD; Judah Folkman, MD; Barry S. Coller MD; Douglas C. Wallace, PhD; Daniel Steinberg, MD, PhD; Richard O. Hynes, PhD; David Ginsburg, MD; Jeffrey M. Friedman, MD, PhD; Andrew R. Marks, MD; and Gerald Reaven, MD

Neuropsychiatry: including neurologic and mental disorders. Past awardees: Nancy Wexler, PhD; Eric R. Kandel, MD; Floyd E. Bloom, MD; Solomon H. Snyder, MD; Michael E. Phelps, PhD; Patricia S. Goldman-Rakic, PhD; Huda Akil, PhD and Stanley Watson, MD, PhD; Arvid Carlsson, MD, PhD and Philip Seeman, MD, PhD; Stanley B. Prusiner, MD; Joseph T. Coyle, MD; Eric J. Nestler, MD, PhD; Fred H. Gage, PhD; Michael I. Posner and Marcus E. Raichle, MD; Pasko Rakic, PhD; Seymour Benzer, PhD; Tomas Hökfelt, MD, PhD; Thomas M. Jessell, PhD; Judith L. Rapoport, MD; Bruce McEwen, PhD; Huda Y. Zoghbi, MD; Aaron T. Beck, MD; Jean-Pierre Changeux, PhD; Robert C. Malenka, MD, PhD; Roger Nicoll, MD; and Charles F. Stevens, MD, PhD

The criterion for the Pasarow Medical Research Awards is evidence of extraordinary accomplishment in medical science.

Nominators for the 24th Award should provide a letter of no more than one page stating the rationale for the nomination and a copy of the nominee’s curriculum vitae and bibliography in two-page NIH format. Applications will be reviewed by the Board of Directors in consultation with various medical scholars. Members of the Board of Directors are Michael R. Pasarow, Chairman; Anthony H. Pasarow, Co-Treasurer; Susan A. Pasarow, MSW, Co-Treasurer; Jack D. Barchas, MD, President; Shaun Coughlin, MD, PhD – University of California, San Francisco; Ronald M. Evans, PhD – The Salk Institute; Christopher J. Evans, PhD – University of California, Los Angeles; Brian E. Henderson, MD – University of Southern California, and Alexander J. Varshavy, PhD – CalTech.

Please e-mail your nominations to Jack D. Barchas, MD at jbarcIAS@med.cornell.edu. Questions can be addressed to Pamela Trester, Administrative Manager, Office of the Chair of Psychiatry, Weill Cornell Medical College, at pst2001@med.cornell.edu or 212-746-3709.

Nominations should be received by close of business Monday, March 28, 2011.
POSTDOCTORAL FELLOWSHIP Organismal Biology Research and Teaching

The Department of Biology at Villanova University invites applications for a postdoctoral fellowship (50 percent teaching, 50 percent research) in the following areas: Functional Anatomy, Cell Biology, Developmental Biology, Immunology, Pharmacology. Applicants must have a Doctoral degree. Positions are tenure track. Successful candidates will be expected to teach courses in a variety of biology courses for undergraduate and graduate students. The candidate will be expected to participate in research programs in their areas of expertise, and to develop a research program in collaboration with other members of the Biology faculty. Applications are encouraged from scientists with a broad outlook and a focus on basic and translational research. Individuals with diverse backgrounds are encouraged to apply. For more information, please see the following website: http://www.villanova.edu/about/employment.html. A Ph.D. is required. Applications must be submitted online at: http://www.villanova.edu/about/employment.html. The online application should include a letter of application, curriculum vitae, and statements of teaching and research philosophy. Please mail applications and graduate transcripts and have three letters of recommendation sent to: Postdoctoral Search Committee, Department of Biology, Villanova University, 800 Lancaster Avenue Villanova, PA 19085-1699. Review of applications begins March 21, 2011, and will continue until the position is filled. Villanova is a Roman Catholic university and an Affirmative Action/Equal Employment Opportunity Employer. Villanova seeks a diverse faculty committed to scholarship, service, and teaching.

FACULTY POSITIONS in Vascular Biology Physiology/Biochemistry

The University of South Alabama, College of Medicine, seeks applications for positions at the rank of ASSOCIATE PROFESSOR or ASSOCIATE PROFESSOR in the Program of Vascular Biology. These faculty positions are in the Departments of Physiology and Biochemistry/Molecular Biology in the College of Medicine, and are tenure-carrying or tenured positions. Research strengths in Vascular Biology include signal transduction, vascular biology, lung biology, inflammation, diabetes, and metabolism. Investigators having expertise in any of these areas or in similar areas of basic medical sciences are encouraged to apply. The University and the College of Medicine boasts a Center for Lung Biology, a Vascular Biology Program and the Mitchell Cancer Institute, as well as core facilities for cellular imaging and mass spectrometry. The Graduate Program in Basic Medical Sciences consists of over 40 students working toward the Doctorate degree, and applicants will participate in medical and graduate student teaching. The appointment rank and tenure status will depend on the expertise and qualifications of the applicants. Interested scientists should submit a curriculum vitae and a letter stating research interests and goals to Dr. Thomas M. Lincoln, Search Committee, Department of Physiology, College of Medicine, University of South Alabama, Medical Sciences Bldg., Rm. 3074, Mobile, AL 36688. Applications will be reviewed until the positions are filled. The University of South Alabama is an Equal Opportunity/Equal Access Opportunity Employer.

POSTDOCTORAL FELLOWSHIP—University of Alabama at Birmingham, USA, to study molecular mechanisms in glomerular/ kidney disease. (Nature Medicine 17:117-122, 2011; J. Biol. Chem. 281:39681-39692, 2006.). Ph.D. in Cell and Molecular Biology required. Experience in kidney disease is not necessary. Send curriculum vitae to: Suman S. Chugh, MD, at e-mail: chugh@uab.edu.

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