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Science Careers
From the journal Science

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Positions

The National Institutes of Health

The National Institute of Mental Health (NIMH), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), is seeking exceptional candidates for the position of Deputy Scientific Director, Division of Intramural Research Programs (DIRP). The Deputy Scientific Director will work with the Scientific Director to lead and manage a vibrant intramural research program with more than 50 independent principal investigators, an extensive network of core service facilities (http://intramural.nimh.nih.gov), and a budget above $160M.

The Deputy Scientific Director will assist in the recruitment of new faculty, oversee the expansion of the Division and its programs into several state-of-the-art research facilities on the NIH’s Bethesda, Maryland campus and help manage the scientific resources at the NIMH DIRP.

Applicants must have a Ph.D., M.D., or equivalent degree in the biomedical sciences, with broad research experience and experience in direct administration of a multidisciplinary research program. Applicants may have the opportunity to perform independent and/or collaborative scientific studies. Applicants should be known and respected within their profession as distinguished individuals of outstanding scientific competence. Salary is commensurate with experience and accomplishments. Experience with NIH administrative policies, procedures, and operations is highly desirable but not essential.

Interested candidates should send a letter of interest, to include a complete description of research and administrative experience and rationale for applying for this particular position (2-3 pages maximum), contact information for at least six references, and a curriculum vitae and bibliography to: Dr. Susan Swedo, Chair, Search Committee for Deputy Scientific Director, DIRP, NIMH, c/o steyerm@mail.nih.gov or to Bldg. 10, Rm. 4N-222, 9000 Rockville Pike, Bethesda, MD 20892-1381. Review of applications will begin on March 2, 2009, but applications will continue to be accepted and considered until the position is filled.

Proteomics Core Facility Director

An expert is sought in the area of Proteomics with an emphasis on LC-MS/MS to direct the Proteomics Core Facility, Division of Intramural Research (DIR), National Heart, Lung and Blood Institute (NHLBI), NIH in Bethesda, Maryland USA. The successful applicant will interact with Principal Investigators in the DIR in the design and interpretation of experiments involving large-scale proteomic profiling, detection of post-translational modifications including protein phosphorylation, quantitative LC-MS/MS, as well as 2-D gel analysis. He/she will direct Core Facility personnel in the maintenance and operation of the Core mass spectrometers as well as instrumentation for protein and peptide separations. The Proteomics Core Facility is part of an NHLBI DIR Initiative in Systems Biology. Although the Core Facility is service-oriented, the Director has the opportunity to devote up to 20% of his/her time in original research in the area of technical development. The 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 (with Ph.D. or equivalent) with an outstanding track record in proteomics research and protein/peptide LC-MS/MS expertise. Prior experience in the operation of a service-oriented Proteomics Core Facility is highly desirable. Computational skills relevant to development of new algorithms for mass spectrometry and bioinformatics would also be advantageous. Salary will be commensurate with qualifications and experience. More detailed information about the NHLBI Division of Intramural Research may be found at: http://dir.nhlbi.nih.gov/.

Applicants should submit the following: cover letter highlighting key qualifications; current curriculum vitae with complete bibliography; names and addresses of four references; and a one-page summary of applicant’s philosophy of core facility operation.

Applications must be received by February 15, 2008. PDF versions of documents sent by electronic mail are strongly preferred. Materials should be sent to Dr. Robert S. Balaban c/o: Doug Price, Administrative Officer, NHLBI, by email: dwp@nih.gov; or by regular mail: Building 10, Room 7N220, 10 Center Drive MSC 1670, Bethesda, MD 20892-1670.
**Professor of Experimental Quantum Optics / Atomic Physics**

**Full Professor, Bes. Gr. W3 BBesG**

(Succession of Professor Immanuel Bloch)

at the Institute of Physics. We are seeking to appoint an experienced scientist with an international reputation and an outstanding track record both in research on the fundamentals of quantum systems and in teaching. Relevant research interests might include: ultracold quantum gases, quantum computing and quantum information, ultrafast optics, micro- and nano-photronics. The professorship is the chair of the scientific research group on quantum-, atomic- and neutron-physics (QUANTUM). Other groups at the Institute are devoted to both experimental and theoretical particle physics and condensed matter physics. Further collaboration opportunities include the DFG-funded Collaborative Research Centre SFB/TRR 49 “Condensed Matter Systems with Variable Many-Body Interactions”, the Graduate School of Excellence “Material Science in Mainz (MAINZ)”, the Research Centre “Elementary Forces and Mathematical Foundations”, and the GSI Helmholtz-Centre for Heavy-Ion Research in Darmstadt (EMMI and FAIR).

Candidates are expected to teach courses covering all areas of experimental physics. The Department of Physics, Mathematics and Computer Science aims at increasing the percentage of women in academic positions and strongly encourages women scientists to apply. Applicants must have a PhD in physics and a proven first-rate research record. Moreover, the formal regulations set out in § 49 Hochschulgesetz Rheinland-Pfalz must be fulfilled. The Johannes Gutenberg-University promotes a concept of intensive tutoring which requires a regular presence in Mainz.

The University is an equal opportunity employer: Applicants with physical disabilities will receive preferential consideration if their qualification and experience are equal to those of other applicants. Informal enquiries may be directed to Dr. Holger Schinke, telephone: +49 6131 39 23654, e-mail: schinke@uni-mainz.de.

Qualified candidates are asked to submit their application to the:

Johannes Gutenberg-University Mainz, Dekan des Fachbereichs 08 – Physik, Mathematik und Informatik –, D-55099 Mainz / Germany.

Closing date: 5 February 2009.
POST DOCTORAL POSITIONS

Within the framework of the joint research project on Environmental Genomics Approach for the Study of Marine Organisms in the Red Sea, applicants are invited to apply for four Post-Doctoral positions at KAUST. The project will last until August 2012. Serious commitment for the whole period of the project is a priority in making the final selection. The selected candidate will become a member of the multidisciplinary team of marine, molecular, and computational biologists, and will have accessibility to a well-equipped molecular biology laboratory, and a cutting-edge genomics facility, including high-throughput DNA sequencer and high performance computational systems. Applicants must have a demonstrated potential for scholarly research in one of the following areas:

Molecular Biology
(EG# 1) Two positions are available to participate in establishing and analyzing metagenomic database from different environments in the Red Sea, including deep-sea, brine pools, and deep-sea sediments. Applicants should have a Ph.D. degree with a strong background in molecular biology and biochemical techniques.

Marine Biology:
(EG# 2) One position is available to participate in addressing fundamental questions in the field of marine biology including, but not limited to, microbial diversity and population genomics of the Red Sea, microbial dynamics in response to climate change, and microbial symbiosis in marine animals. Applicants should have a Ph.D. degree in marine biology.

Computational Genomics:
(EG# 3) One position is available to address the implementation of algorithms for clustering, alignment, annotation, and gene prediction from Red Sea metagenomic sequence data. Applicants should have a Ph.D. in bioinformatics, computational or system biology.

The successful candidate must have the ability to work independently and as part of a research team, demonstrated high work ethic, creativity, initiative, and experience in technical publication, and excellent English writing and communication and interpersonal skills. Appointed post-doctoral fellows are expected to share their time between AUC and KAUST. Their appointment will start at the American University in Cairo (Egypt) as soon as possible, except for the last position which is available beginning 2009-10, and then they will move to King Abdullah University of Science and Technology (KAUST) for the rest of their contract according to the approved collaborative research plan. Deadline for applications is January 15, 2009 or until the position is filled.

All applicants must submit the following documents via the AUC online system a) an updated CV; b) a letter of interest; c) a completed AUC Personal Information Form (PIF); and d) names and contact information for at least three references familiar with the applicant’s professional background.

http://tinyurl.com/auckaust
HARVARD UNIVERSITY
Assistant/Associate Professors
Department of Genetics and Complex Diseases

The Department of Genetics and Complex Diseases (GCD) at the Harvard School of Public Health (HSPH) invites applications for tenure-track positions at the level of assistant professor. Exceptional associate professor candidates will also be considered. GCD is a major new initiative in basic sciences in the HSPH Division of Biological Sciences. Through integrative programs combining biochemistry, cell biology, physiology and genetics, the GCD group seeks to generate basic research insights related to complex human diseases. Current areas of research include nutrient sensing, protein translation and degradation, nuclear hormone receptor signaling, vesicular transport, cellular stress responses, DNA repair, tumor metabolism, and regulation of carbohydrate, lipid, and energy homeostasis. Successful applicants will hold a PhD and/or MD degree and will have a record of outstanding productivity in an area that complements the existing research and training goals of the department. The candidate should possess the ability to work collaboratively with other scientists and the scholarly qualities required to mentor doctoral students in the graduate program in the Division of Biological Sciences. Generous start-up packages and state-of-the-art research facilities will be available. GCD has particular interest in recruiting individuals with research programs in the following areas:

• Organelle biology and dysfunction, particularly mitochondria or endoplasmic reticulum
• Mechanisms of signal transduction and integration, especially in the context of energy and nutrient sensing, metabolic homeostasis and stress response
• Tumor cell metabolism
• Inflammatory and stress responses with emphasis on chronic metabolic or degenerative diseases
• Systems approaches, applied at a mechanistic level, to problems of metabolic homeostasis, gene-environment interactions and/or adaptive responses

Please send a letter of application, including a statement of current and future research interests, curriculum vitae, sample publications, and the names of four references to the following address. Applicants should ask their four references to write independently to this address: Chair, GCD Search, c/o Julie Gound, Department of Genetics & Complex Diseases, 655 Huntington Avenue, Building II, 107, Boston, MA 02115; gcddept@hsp.harvard.edu.

The Harvard School of Public Health is committed to increasing the representation of women in its faculty, and encourages applications from such candidates.

UNT UNIVERSITY OF NORTH-Texas

Faculty Positions in BIOPHOTONICS

The Bio/Nano-photonics Research Cluster at the University of North Texas (UNT) seeks candidates for faculty positions in the broad area of biophotonics. The positions will be at the professor or associate professor rank but candidates at the assistant professor level will also be considered. Candidates will be expected to have an externally funded research program in biophotonics that can be integrated into the mission of the bio/nano-photonics cluster, and to help support the instructional needs of one or more cluster departments at the graduate and undergraduate levels. Preference will be given to candidates with expertise in imaging, biowaves, and spectroscopy of biological systems. The candidate can take advantage of new UNT facilities in nanoscale and ultrafast optical characterization, including near-field scanning and femtosecond time-resolved spectroscopy, and optical microscopy for live cell imaging using confocal fluorescence and Raman microscopy. The candidate will interact with current faculty in the biological sciences, chemistry, engineering, physics departments and/or the UNT Health Sciences Center. Competitive start-up funds and salary are available.

Send a cover letter highlighting qualifications and research interests, CV, 3 representative publications, and names of 3 references to Dr. Mohammad A. Omar, Search Committee Chair, University of North Texas, Department of Chemistry, 1155 Union Circle #390570, Denton, TX 76203. In addition, please e-mail your CV to omary@unt.edu. Applications will be reviewed from Dec. 1, 2008 until the search is closed.

The University of Oklahoma invites applications for a faculty position in the broad area of biophotonics. The positions will be at the professor or associate professor rank but candidates at the assistant professor level will also be considered. Candidates will be expected to have an externally funded research program in biophotonics that can be integrated into the mission of the bio/nano-photonics cluster, and to help support the instructional needs of one or more cluster departments at the graduate and undergraduate levels. Preference will be given to candidates with expertise in imaging, biowaves, and spectroscopy of biological systems. The candidate can take advantage of new UNT facilities in nanoscale and ultrafast optical characterization, including near-field scanning and femtosecond time-resolved spectroscopy, and optical microscopy for live cell imaging using confocal fluorescence and Raman microscopy. The candidate will interact with current faculty in the biological sciences, chemistry, engineering, physics departments and/or the UNT Health Sciences Center. Competitive start-up funds and salary are available.

The candidate will contribute to biochemistry teaching programs at both the undergraduate and graduate levels.

Applications at the rank of assistant professor must have postdoctoral experience; applicants for a senior faculty position must have a record of substantial and sustained externally funded research. Interested individuals should submit their curriculum vitae, a description of their research plans, and a statement of teaching interests and philosophy. Candidates for assistant professor should request three letters of recommendation and have them sent directly to the Chair of Genomics Search Committee; candidates at higher ranks should identify three individuals whom the Search Committee may contact for letters of recommendation. Send application materials or nominations to: Professor Phillip E. Klebba, Chair of Genomics Faculty Search Committee, Department of Chemistry and Biochemistry, 620 Parrington Oval, Norman, OK 73019. We will also accept completed applications in PDF format sent to: sgisher@ou.edu. The review of applications will begin on January 15, 2009 and will continue until the position is filled. Minorities and women are especially encouraged to apply.

The University of Oklahoma is an Affirmative Action/Equal Opportunity Employer.

A Career in Neuroscience at the National University of Singapore (NUS)

The National University of Singapore, one of Asia’s leading Universities but with a global outlook (http://www.nus.edu.sg), has strong basic and translational clinical programmes in Neuroscience. These are closely linked to research expertise in other biomedical areas, imaging, engineering and physical sciences. We are looking to further develop the Neurobiology group by recruiting senior scientists/clinician scientists with excellent track records in neuroscience research who can develop and lead new and existing programmes and secure competitive grant funding from the major sources available in Singapore. Areas we particularly wish to develop include dementia research, cognitive neuroscience, neuroengineering, and neuroeconomics, but applicants from other areas of neuroscience or whose research crosses the boundaries of these areas are welcome. Appropriate space, start-up funds and access to graduate students will be provided. The selected applicants will hold senior academic appointments in one or more relevant Departments/Faculties/Schools at NUS.

Applications (with full CV and names of at least 3 referees) and informal/confidential enquiries can be sent to:

Professor Barry Halliwell
Office of the Deputy President (Research and Technology)
National University of Singapore
University Hall
Lee Kong Chian Wing, UHL #05-02H
21 Lower Kent Ridge Road
Singapore 119077
Email: bchbh@nus.edu.sg

Closing date for applications: 15 February 2009
The Department of Biotechnology, Ministry of Science and Technology, India, and the Wellcome Trust, UK, have established an Alliance to fund biomedical research fellowships in India.

These fellowships will provide opportunities for support at key career stages and will fund science across the full spectrum of biomedical research, from fundamental molecular and cellular studies through to clinical and public health research.

**Intermediate Fellowships for Researchers in India**

For excellent scientists who wish to undertake high-quality research and to establish themselves as independent researchers in India.

The Fellowship provides five years’ funding to support the Fellow’s salary and research expenses. Fellows may spend up to 12 months outside their host institution either in other laboratories in India or elsewhere.

Candidates should have between three and six years’ postdoctoral (or equivalent clinical) research experience at submission of a full application.

**Deadlines**

Preliminary applications must be received no later than 2 February 2009.

Full applications will be invited by 2 March 2009.

Awards can be taken up from September 2009.

**Early Career Fellowships for Researchers in India**

For the most promising newly qualified postdoctoral researchers to make an early start in launching their independent research careers, working in the best laboratories in India.

The Fellowship provides four years’ funding to support the Fellow’s salary and research expenses. Fellows may spend up to 12 months outside their host institution either in other laboratories in India or elsewhere.

Candidates should:

- be Indian nationals, but do not have to be resident in India during the application process
- have no more than 12 months’ postdoctoral (or equivalent clinical) experience at submission of a full application.

**Deadlines**

Preliminary applications must be received no later than 30 April 2009.

Full applications will be invited by 1 June 2009.

Awards can be taken up from December 2009.

Further information and preliminary application forms are available at [www.wellcomedbt.org](http://www.wellcomedbt.org)
The Department of Pharmaceutical Sciences is undergoing an exciting new phase of growth and development, and invites applications for a senior endowed faculty professorship. We are searching for a tenured scientist with outstanding leadership and research credentials, and a demonstrated track record of accomplishments in securing extramural funding. This position demands a commitment to graduate and professional education, and to professional service.

Applicants who are performing high-impact research in the following areas of interest, as applied to the pharmaceutical sciences, are preferred: (1) biomaterials and nanotechnology, (2) in vitro/in vivo drug targeting and biomedical imaging, (3) mechanisms of drug absorption, distribution and disposition, (4) structural biology (e.g., of drug transporters and metabolic enzymes), (5) cheminformatics, and (6) pharmacogenomics.

Interested individuals should send a letter of application, curriculum vitae, future research plans and contact information of 3 references (i.e., name, address, telephone, and email) to the Search Committee Chair via US Mail. A PDF file should also be sent to jgetty@umich.edu as an email attachment. The Search Committee will begin reviewing applications immediately and will continue to do so until the position is filled.

Submit the requested information to:
Professor Steven P. Schwendeman, Search Committee Chair
Department of Pharmaceutical Sciences
The University of Michigan
428 Church Street
Ann Arbor, MI 48109-1065

For more information, please contact the Search Committee Chair at:
Telephone: 734-615-6574; Facsimile: 734-615-6162;
Email: jgetty@umich.edu.

The University of Michigan is an Equal Opportunity/ Affirmative Action Employer.
The Human Frontier Science Program supports international preferably intercontinental collaborations in basic life science research with emphasis placed on novel, innovative and interdisciplinary approaches to fundamental investigations. Applications are invited for grants to support new approaches to understanding complex mechanisms of living organisms. Preliminary results are not required. Applicants are expected to develop new lines of research distinct from their ongoing research.

There are two types of Grant: Young Investigators' Grants are for teams of scientists who are all within 5 years of establishing an independent laboratory and within 10 years of obtaining their PhDs. Program Grants are for independent scientists at all stages of their careers, although the participation of younger scientists is especially encouraged.

Grants provide 3 years support for 2 – 4 member teams, with not more than one member from any one country, unless critical for the interdisciplinary nature of the project, which is an essential selection criterion. Applicants may establish a local or national interdisciplinary collaboration as a component of an international team but will be considered as 1.5 team members for budgetary purposes. Awards are dependent upon team size and successful teams will receive up to $450,000 per year. The principal applicant must be located in one of the member countries (Australia, Canada, the European Union, France, Germany, India, Italy, Japan, New Zealand, Norway, the Republic of Korea, Switzerland, the United Kingdom and the United States) but co-investigators may be located in any country.

Guidelines and further instructions are available on the HFSP web site (www.hfsp.org). International teams of scientists must first submit a letter of intent online via the web site. Specific enquiries: grant@hfsp.org

Deadlines: Compulsory pre-registration, via the web site: March 20th 2009
Submission of Letters of Intent: March 31st 2009

The Division of Anatomy in the Faculty of Medicine invites applications for a tenure-track position at the Assistant Professor level. We seek an individual capable of teaching human gross anatomy to medical and dental students with full dissection laboratories. The ability to teach embryology, histology and neuroanatomy will be an added advantage. The successful candidate will be expected to carry a substantial teaching load and engage in individual or collaborative research in any one of the anatomical disciplines or in the field of medical education.

Applicants must have an MD and/or PhD degree and significant experience in teaching all aspects of human anatomy, as well as a proven track record in independent or collaborative research.

The Division of Anatomy is primarily a teaching Division with responsibilities for teaching human anatomy to undergraduate and postgraduate students across campus. The Division of Anatomy also teaches postgraduate clinical anatomy courses to residents and fellows from a variety of clinical disciplines and specialties. We are dedicated to innovation and excellence in the teaching of anatomy and to the advancement of knowledge through research in basic and clinical anatomy, neurosciences, development, functional morphology and educational technology. Interested candidates should submit a letter of application, an up to date curriculum vitae and teaching dossier as well as a two-page statement outlining your teaching philosophy and research interests. Three reference letters should also be forwarded. Please send your application package by February 28, 2009.

Interested applicants may apply to: Dr. Anil H. Walji Director, Division of Anatomy Faculty of Medicine & Dentistry 5-05B Medical Sciences Building University of Alberta Edmonton, AB Canada T6G 2H7

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. If suitable Canadian citizens and permanent residents cannot be found, other individuals will be considered. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.
Magnifying your opportunities is our main focus. We’re your source for connecting with the industry’s top employers. We’re the experts and primary tool for accessing the latest and most relevant career information across the globe.

Our newly designed website offers improved features that help you magnify career opportunities and your personal potential. Whether you’re seeking a new job, career advancement in your chosen field, or ways to stay current on industry trends, Science Careers will broaden your scope for a brighter future.

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Colorado State University and the Department of Microbiology, Immunology, and Pathology invite applications for three senior positions in infectious diseases. The three positions are:

- Bacteriologist Associate/Full Professor, Tenure Track
- Virologist Associate/Full Professor, Tenure Track
- Director Infectious Disease Supercluster and Infectious Disease Research Center

The successful candidates will join world class research and training programs in infectious diseases and will have opportunities to assume leadership roles in the innovative translational research activities at CSU, for example in the Infectious Disease Supercluster; MicroRx, the enterprise arm of the IDSC; the Rocky Mountain Regional Center of Excellence for Biodefense and Emerging Diseases; the Mycobacterial Research Laboratory; the Arthropod-borne and Infectious Diseases Laboratory; the Prion and Molecular Diseases Program; and Program in Food Science/Safety.

The resources and facilities for infectious disease research and training at CSU are exceptional. Extramural funding for the Department of MIP was $25M in the past year. The facilities for ID and translational research at CSU include the Infectious Disease Research Center on the CSU Foothills campus, which encompasses the Rocky Mountain Regional Biocontainment Laboratory, the Bioenvironmental Research Building, virology, discovery, and large animal suites, and core support for animal models, cGMP manufacturing, and proteomics and genomics analyses. The impending Research Innovation Center will provide business incubator, discovery, and high throughput screening capacity for development of new knowledge and vaccines, therapeutics, and diagnostics for BSL-2 as well as BSL-3 pathogens.

The research and teaching environment at CSU is enriched by the highly interactive and collaborative environment with world-recognized ID programs and scientists on campus and nearby, for example, in the Centers for Disease Control-Division of Vector-Borne Infectious Diseases, the United States Department of Agriculture-National Wildlife Research Center and Centers for Epidemiology and Animal Health and the USDA Arthropod-borne Animal Diseases Research Laboratory in Laramie, WY.

Further information concerning the positions can be obtained by contacting the Chair of the respective committee and at http://www.cvmbs.colostate.edu/mip/jobs/ids.htm.

Applications and nominations will be considered until the position is filled; however, to ensure full consideration applications should be submitted by February 16, 2009.

To apply, please send electronically a complete CV, a one or two page statement of research interests and goals, and the names and addresses of three professional references to the Chair of the respective committee.

Ralph E. Smith, Ph.D.
Chair, IDSC/IDRC Director Search
ralph.smith@colostate.edu
970-491-8382

Carol D. Blair, Ph.D.
Chair, Virologist Search
carol.blair@colostate.edu
970-491-6794

Patrick J. Brennan, Ph.D.Chair,
Chair, Bacteriologist Search
patrick.brennan@colostate.edu
970-491-6700

Colorado State University conducts background checks on all final candidates.
CSU is an Equal Opportunity/Affirmative Action Employer.
**UAB COMPREHENSIVE CANCER CENTER**

**Basic and Translational Cancer-Related Research**

The University of Alabama at Birmingham Comprehensive Cancer Center, in collaboration with departments in the School of Medicine and across the University, invites applications for multiple faculty positions at all levels in basic and translational cancer – related research. Specific areas of interest include, but are not limited to:

- **Cancer Immunology**
- **Cancer Genetics**
- **Cancer Virology**
- **Cell Signaling and Growth Control**
- **Drug Development**
- **Animal Models of Cancer**

This broad-based recruitment initiative is made possible by the UAB – CCC Cancer Research Fund, which provides approximately $60 million for cancer research activities. The major goal for this Fund is to recruit outstanding faculty at all levels to enhance and expand UAB’s excellence in basic and translational science related to cancer.

Successful candidates will establish a rigorous research program, participate in graduate and medical education, and collaborate with basic and clinical cancer scientists. Collaborations at UAB are stimulated by the presence of numerous multidisciplinary Centers, including the Comprehensive Cancer Center, Autoimmunity Center of Excellence, Center for Clinical and Translational Science, Center for AIDS Research, and others. In addition UAB is ranked the 5th Best Place to work in academics according to the Scientist magazine.

Applicants for all positions should email their curriculum vitae, a description of research accomplishments and future plans, and the names and contact information of three references to:

- **Michael Bertram, Ph.D.**
  **Associate Director for Administration**
  **UAB Comprehensive Cancer Center**
  **Michael.Bertram@ccc.uab.edu**

Review of applications will begin immediately and will continue throughout 2009.

**UAB is an Affirmative Action/Equal Opportunity Employer.** **Women and minorities under-represented in biomedical research are encouraged to apply.**

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**Department of Pharmaceutical Chemistry**

**Assistant Professor**

The Department of Pharmaceutical Chemistry, University of Kansas (http://www.pharmchem.ku.edu) invites applications for a full-time tenure-track faculty position at the Assistant Professor level for the 2009-2010 academic year. Candidates must have a Ph.D. or equivalent degree; demonstrated research activity and abilities in pharmaceutical chemistry (pharmaceutics), or related areas such as biomaterials and bioengineering areas related to drug delivery and formulation especially in cancer related areas. The candidate should demonstrate effective verbal and written communication and have demonstrated the ability to work with diverse people in a variety of situations. Postdoctoral experience is preferred. See http://jobs.ku.edu for the full announcement. The successful candidate will be expected to develop and sustain an independent, externally funded research program that includes interdisciplinary collaborations and to participate in teaching activities in the School of Pharmacy’s professional program and in the Department’s graduate program. Applications will be accepted until the position is filled. Screening of applications will begin February 15, 2009. Applications, including a letter of interest, a concise summary of past research and future research plans, a resume, and the names and addresses of three references should be sent to: Dr. Teruna J. Siahaan, Department of Pharmaceutical Chemistry, The University of Kansas, 2095 Constant Avenue, Lawrence, KS 66047-3729; (785) 864-7327. EO/AA Employer.
A Career in Science is more than just science.

www.sciencecareers.org

Chairman - Department of Biochemistry

The Medical College of Wisconsin (MCW) invites applications and nominations for a visionary leader to chair the Department of Biochemistry. The successful applicant will assume leadership of a nationally distinguished Department with 13 full time, funded investigators, in all academic endeavors, including the education of medical and graduate students. Areas of research range from cell and developmental biology to structural biology with a unifying theme in biological processes at the molecular level. The department is home to state-of-the-art facilities and instruments for X-ray crystallography, NMR spectroscopy, mass spectrometry, and fluorescence microscopy.

We are seeking candidates with outstanding leadership skills, a distinguished record of scientific achievement, training and mentoring, a vigorous externally funded research program, and national and international professional involvement consistent with the rank of Professor. Applicants will be considered with research interests in all areas of biochemistry. An attractive recruitment package is available that will enable the new chair to lead efforts for future growth with the potential addition of new faculty recruits and laboratory space. The successful candidate will play a major role in integrating the Biochemistry faculty into MCW strategic initiatives in cancer, cardiovascular, and neuroscience research and will assume a leadership role within the institution.

MCW has a history of providing outstanding medical and graduate education, conducting novel biomedical research, providing innovative and compassionate patient care, and community service. We aim to attract and retain leaders who value creativity, integrity, excellence and innovation by cultivating a collaborative environment that offers a high quality work life and advances the strategic direction of MCW to become the destination of choice for world class faculty and staff.

MCW is located on a suburban 248-acre, park-like campus. With 13,500 alumni, MCW has established itself as one of the nation's premier medical schools, offering Masters degrees, Ph.D. degrees, and Doctor of Medicine degrees. MCW is a major national research center with more than $92 million in NIH support for biomedical research, which positions MCW among the top third of the nation's 125 medical colleges. In fiscal year 2007 external support for research, teaching, and training totaled $135 million.

Interested applicants should submit a full curriculum vitae and letter of interest to:

Biochemistry Search Committee
c/o Office of the Dean
Medical College of Wisconsin
8701 Watertown Plank Road
Milwaukee, Wisconsin 53226

Questions may also be directed to Dr. Andrew Greene, Chair of Search Committee, at agreene@mcw.edu. For additional information, please visit the departmental website at http://www.biochem.mcw.edu/home.html.

MCW promotes diversity and encourages applications from women and minorities.

www.mcw.edu/hr
EOE M/F/D/V

Associate Editor for Science Translational Medicine

Join the dynamic editorial team at Science. We are seeking a full time Associate Editor with a background in the biomedical sciences to help launch our new publication, Science Translational Medicine, published by AAAS. We are looking for a scientist with broad interests, a lively curiosity, and experience with cutting-edge research in at least one (but preferably more than one) biomedical or clinical research fields. Responsibilities include managing the review, selection, and editing of manuscripts, working with authors on revisions, soliciting reviews and special issues, and fostering contacts and communication with the scientific community. Candidates are expected to travel to scientific meetings. Postdoctoral experience and multiple publications are required, as is the ability to work constructively as a member of a team. Previous editorial experience is not necessary.

For this position, we require a Ph.D. or an MD in a scientific discipline plus postdoctoral experience

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For consideration send a cover letter including job requisition number 1722 and resume, along with your salary requirements, to:

AAAS
Human Resources Office, Suite 101
1200 New York Ave., NW
Washington, DC 20005
or, by email, to jobs@aaas.org
or, by fax, to 202-682-1630

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Revealing your vision to employers is our job. We’re your source for connecting with top employers in industry, academia, and government. We’re the experts and entry point to the latest and most relevant career information across the globe.

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Your Future Awaits.
Medicines for Malaria Venture (MMV)
7th CALL FOR LETTERS OF INTEREST

Medicines for Malaria Venture is a not-for-profit Organization committed to the discovery, development and delivery of affordable anti-malarial drugs through public-private partnerships. We are looking towards the next generation of molecules which will power the agenda for the eradication of Malaria.

Three areas are highlighted. (a) The development of new non-Artemisinin Combination Therapies for uncomplicated malaria, to support the portfolio of medicines, should resistance to *P. falciparum* Malaria occur. (b) The development of new medicines to produce a radical cure by targeting the hypnozoite stages of *P. vivax* and (c) new medicines that in addition to working on the erythrocyte stages will also have activity against gametocytes and therefore play a role in transmission blocking.

Discovery projects are welcome at the stage where a target has been identified, and structures are available for medicinal chemistry evaluation. Projects based on molecules where the molecular basis of activity is not known are also welcome, but starting points should be sub-micromolar in whole parasite assays, selective against host, and with some evidence for bioavailability and in vivo activity in an infected rodent model. We are particularly interested in molecules that have long half lives.

Projects in clinical development are especially welcome. Medicines or new combinations that allow the development of new combination therapies, or target radical cure of *P. vivax* or transmission blocking are encouraged. Specifically, formulation development that increases the half-life and absorption of medicines are encouraged, especially for Primaquine or other agents with the potential for radical cure of *P. vivax* malaria.

Applications may be from single institutions or partnerships between an academic centre and a Pharmaceutical company.

The initial application should be by sending a letter of interest of no more than three pages to

Dr. Ian Bathurst
MMV, Rte de Pré-Bois, 20
P.O.Box 1826
CH-1215 Geneva 15, Switzerland
E-mail: proposals@mmv.org

Applications should reach us by March 15th 2009. Electronic submissions are preferred.

More details of the call can be found at

www.mmv.org
DEAN OF MISHER COLLEGE of ARTS and SCIENCES

University of the Sciences in Philadelphia

The University of the Sciences in Philadelphia (USP) is a unique and dynamic institution, focused on the critical areas of science and health. USP invites applications and nominations for its next Dean of Misher College of Arts and Sciences (MCAS). The Misher College of Arts and Sciences is largely responsible for offering the general educational requirements of all of the undergraduate students on campus. Many of the faculty in MCAS and its undergraduate and graduate students are heavily involved in the pursuit of research/scholarship.

The University seeks a leader who can help shape, communicate, and implement a bold vision and strategy for the College.

Opportunities and expectations for leadership: grow the College and its programs, both undergraduate and graduate; increase the College’s visibility both on and off campus; be an effective advocate for the College, both internally and externally; foster interaction amongst all members of the College, including faculty, students, staff, and alumni; understand the challenge of assessment and lead the process in the College; unite the College departments with a shared purpose; and continue development of the College’s interdisciplinary efforts.

Qualities and qualifications: terminal degree in a discipline associated with a college of arts and sciences; experience with creating and implementing plans grounded in data; experience with both undergraduate and graduate education; demonstrated commitment to excellence in teaching and support of faculty development; demonstrated research experience; demonstrated ability to work with those from other disciplines; demonstrated administrative experience commensurate with the demands of an academic Dean; collegial management style, coupled with the ability to be both fair and decisive; and excellent communication skills.

Procedures for candidacy: inquiries, nominations, and applications are invited. In order to ensure consideration, candidates should submit their materials by March 1, 2009. Candidate review will take place after that date, with selection expected during the spring semester. The successful candidate should be able to start on or after July 1, 2009.

Materials should include a cover letter describing interest in the position, curriculum vitae, and the names and contact information for five references; candidates will be notified before references are contacted. Materials should be submitted in confidence to e-mail: r.wigent@usp.edu. Material that cannot be e-mailed may be sent to the University, Dr. Rodney Wigent, University of the Sciences in Philadelphia, 600 S. 43rd Street, Philadelphia, PA 19104. USP is an Equal Opportunity/Affirmative Action Employer.

The Department of Biological Sciences at the University of the Sciences in Philadelphia seeks applicants for a one-year (renewable) POSTDOCTORAL TEACHING FELLOWSHIP beginning in January 2009. The position requires 30 percent teaching and 70 percent research. The successful candidate will teach undergraduate introductory biology laboratories and participate in lectures. Significant mentoring will be provided by experienced educators. The successful applicant will join a dynamic research group studying the engineering of microbes for production of natural products. A strong background in molecular biology techniques, and experience with analytic analysis of compounds (i.e., high performance liquid chromatography, gas chromatography/mass spectrometry) is highly desired. Individuals with a background in yeast physiology are also encouraged to apply. Applicants should have received their Doctorate within the last two years in a relevant biological science. Please submit a cover letter, curriculum vitae, graduate transcripts (copies), and three letters of reference directly to the address below. All application materials must be sent to:

J.A. Teaching-Postdoctoral Fellow Search
Department of Biological Sciences
University of the Sciences in Philadelphia
600 S. 43rd Street
Philadelphia, PA 19104-4495

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## Meetings

**Plant Genomes:**
Genes, Networks & Applications
March 4 - 7 abstracts due January 9

Systems Biology: Networks
March 18 - 22 abstracts due January 9

Computational Cell Biology
March 24 - 27 abstracts due January 16

Molecular and Cellular Biology of Plasminogen Activation
March 31 - April 4 abstracts due January 23

Synapses: From Molecules to Circuits & Behavior
April 14 - 18 abstracts due January 30

The Ubiquitin Family
April 21 - 25 abstracts due January 30

Telomeres & Telomerase
April 28 - May 2 abstracts due February 6

The Biology of Genomes
May 5 - 9 abstracts due February 13

**Phosphorylation, Signaling & Disease**
May 12 - 16 abstracts due February 20

**Retroviruses**
May 18 - 23 abstracts due February 27

74th Symposium: Evolution - The Molecular Landscape
May 27 - June 1 abstracts due March 6

**Workshop on Single Cell Techniques**
July 16 - 19 abstracts due April 17

**Yeast Cell Biology**
August 11 - 15 abstracts due May 22

**Eukaryotic mRNA Processing**
August 18 - 22 abstracts due May 29

**Mechanisms of Eukaryotic Transcription**
August 25 - 29 abstracts due June 5

**Eukaryotic DNA Replication & Genome Maintenance**
September 1 - 5 abstracts due June 12

**Microbial Pathogenesis & Host Response**
September 8 - 12 abstracts due June 19

**Personal Genomes**
September 14 - 17 abstracts due June 26

**Stem Cell Biology**
September 22 - 26 abstracts due July 3

**Neurobiology of Drosophila**
September 29 - October 3 abstracts due July 10

**Cell Death**
October 6 - 10 abstracts due July 17

**Genome Informatics**
October 27 - 30 abstracts due August 7

**Harnessing Immunity to Prevent and Treat Disease**
November 11 - 14 abstracts due August 21

**In Vivo Barriers to Gene Delivery**
November 18 - 21 abstracts due August 28

**Rat Genomics & Models**
December 2 - 5 abstracts due September 4

## Courses

**Protein Puriﬁcation & Characterization**
April 15 - 28

**Cell & Developmental Biology of Xenopus**
April 17 - 28

**Molecular Neurology & Neuropathology**
June 3 - 9

**Advanced Bacterial Genetics**
June 3 - 23

**Ion Channel Physiology**
June 3 - 23

**Molecular Embryology of the Mouse**
June 3 - 23

**Integrative Statistical Analysis of Genome Scale Data**
June 8 - 23

**Workshop on Autism Spectrum Disorders**
June 19 - 26

**Computational Cell Biology**
June 26 - July 16

**Molecular Techniques in Plant Science**
June 26 - July 16

**Neurobiology of Drosophila**
June 26 - July 16

**Advanced Techniques in Molecular Neuroscience**
June 30 - July 16

**Structure Function & Development of the Visual System**
July 1 - 14

**Biology of Memory**
July 16 - 29

**Proteomics**
July 17 - August 1

**Imaging Structure & Function in the Nervous System**
July 21 - August 10

**Yeast Genetics & Genomics**
July 21 - August 10

**Eukaryotic Gene Expression**
July 21 - August 10

**Cellular Biology of Addiction**
August 4 - 10

**C. elegans**
August 14 - 29

**Programming for Biology**
October 12 - 27

**X-Ray Methods in Structural Biology**
October 12 - 27

**Workshop on Cereal Genomics**
October 13 - 19

**Advanced Sequencing Technologies & Applications**
November 3 - 16

**Immunocytochemistry, In Situ Hybridization & Live Cell Imaging**
November 3 - 16

**Phage Display of Proteins & Peptides**
November 3 - 16

**Computational & Comparative Genomics**
November 4 - 10

**The Genome Access Course**
April 20 - 21, November 17 - 18
BIOMOLECULAR NMR SPECTROSCOPIST
Indiana University

Indiana University has significantly expanded its nuclear magnetic resonance (NMR) capabilities with the installation of 600 and 800 megahertz (MHz) Varian Inova spectrometers in the new META-Cyt Biomolecular NMR Laboratory in Simon Hall. We now seek to appoint a Biomolecular NMR Spectroscopist at the ASSISTANT SCIENTIST (research-track) level, effective June 2009. Applicants must have a Ph.D. in chemistry, biochemistry, structural biology, or a related field; two years of postdoctoral experience is desired. The successful candidate will have documented experience with the application and optimization of NMR spectroscopy to structural studies of proteins. Familiarity with aligned systems and nuclear acids is desirable. Experience with the operation and maintenance of high field NMR spectrometers (600 and 800 MHz) and cryogenic probe systems is required, and knowledge of hardware and Unix-based software maintenance is essential. Familiarity with Varian systems and methods of NMR data analysis through structure calculation and validation stages are also desirable but not necessary.

Applicants should submit a brief statement of interest, curriculum vitae, and arrange for three letters of recommendation to be sent to: Prof. James P. Reilly, Chair of Search Committee, Department of Chemistry, Indiana University, 800 E. Kirkwood Avenue, Bloomington, IN 47405. Applications received by March 1, 2009, will be assured consideration. Indiana University is an Equal Opportunity Affirmative Action Employer.

RESEARCH ASSOCIATE 3, 4, or 5 (MICROSCOPY IMAGING SPECIALIST)
Department of Biological Sciences

The Socolofsky Microscopy Facility at Louisiana State University (LSU, website: http://www.biology.lsu.edu/facilities/micro_fac/) is a core facility serving the microscopy needs of the LSU research community. Required qualifications: (Research Associate 3) Bachelor’s degree in biology or related field and three years of related experience or a Master’s degree in a related field and one year of experience; (Research Associate 4) Master’s degree in biology or related field and two years of related experience; (Research Associate 5) Master’s degree in biology or related field and three years of related experience or a Ph.D. in a related field; (all levels) experience in electron microscopy. Responsibilities: prepares scanning electron microscopy (SEM) and transmission electron microscopy (TEM) samples; performs image acquisition and analysis and user training; oversees scanning transmission electron microscopy; supervises staff involved in light and electron microscopy. An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is January 30, 2009, or until candidate is selected. Send a resume (including e-mail address) and two letters of recommendation to: Cheryl Thompson, Department of Biological Sciences, 202 Life Sciences Building, Louisiana State University, Reference #006213, Baton Rouge, LA 70803. E-mail: cthomp@lsu.edu. LSU is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR
Vertebrate Physiology/Environmental Science
Framingham State College

We seek a VERTEBRATE PHYSIOLOGIST whose work is applicable to environmental issues for a tenure-track faculty position. Teaching responsibilities will include comparative vertebrate physiology, introduction to environmental science, introductory biology courses and/or any area of expertise. Minimum qualifications include a Ph.D. in biology and teaching experience. Application deadline is January 10, 2009. For complete application instructions and to apply online please visit website: http://framingham.interviewexchange.com.

ASSISTANT SPECIALIST in COOPERATIVE EXTENSION
An 11-month, career-track extension position which has 100 percent cooperative extension responsibilities. Candidate will be located at University of California Davis Department of Plant Sciences. Candidate will develop and implement an extension and applied research program in vegetation management in perennial crops, particularly woody species, using ecologically sound approaches. Emphases will be on the ornamentals, floriculture, tree fruits, nuts, and vines grown in California. Candidate will provide statewide extension leadership, interact with numerous clientele groups, provide farm adviser training and physical assessment, and develop and deliver Cooperative Extension programs. Candidate will have the opportunity to participate in departmental teaching and in directing undergraduate and graduate research. Requirements include: a Ph.D. in weed science, pomology, horticulture, or related field with emphasis on vegetation management practices; leadership ability; management and communication skills; ability to conduct independent research in weed science must be demonstrated. Candidates should begin the application process by registering online at website: http://recruitments.plantsciences.ucdavis.edu.

Review of the applications for this position will begin February 10, 2009. The position will remain open until filled. Dr. W. Thomas Lanini, Chair, Search Committee, Department of Plant Sciences, Mail Stop 4, One Shields Avenue, University of California, Davis, CA 95616; telephone: 530-752-4476; fax: 530-752-4604. U.C. 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.

FACULTY POSITION in NEUROBIOLOGY
University of Louisiana at Lafayette

The Department of Biology at the University of Louisiana at Lafayette invites applications for a tenure-track position in neurobiology at the ASSISTANT PROFESSOR level. Research interests may include but are not limited to neurophysiology, neural development, evolutionary neurobiology, and neuroethology. Applicants must have a Ph.D. in a biological science and postdoctoral experience. The successful candidate will establish a vigorous, externally funded research program that complements our doctoral program and will participate in teaching and advising. The Department consists of 30 faculty with broad research interests; resources include a state-of-the-art microscopy center. For additional information see website: http://biology.louisiana.edu/. The University has a diverse student body and embraces diversity among the faculty. Applicants should submit a cover letter, curriculum vitae, and statements of research and teaching interests to: Biology Search Committee, Department of Biology, University of Louisiana at Lafayette, P.O. Box 42451, Lafayette, LA 70504. Three letters of recommendation should be sent to e-mail: bef1918@louisiana.edu.


POSTDOCTORAL POSITIONS are available to study the molecular mechanisms regulating immunoglobulin G and complement mediated neutrophil recruitment and effector functions using in vitro and in vivo approaches. Strong background in molecular biology/cell biology or small animal experimentation, especially intravital microscopy is desired. Publication(s) in international journals is a prerequisite. Please send curriculum vitae, names of three references, Tanya Mayadas, Ph.D., Associate Professor of Pathology, Brigham and Women’s Hospital and Harvard Medical School, 77 Louis Pasteur, NRB 752O, Boston, MA 02115; e-mail: tmayadas@rics.bwh.harvard.edu; fax: 617-525-4553.

The Department of Biochemistry and Biophysics at the University of Pennsylvania School of Medicine seeks candidates for an ASSISTANT PROFESSOR position in the non tenure research track. The successful applicant will have experience in the field of structure/function studies of the energy transducing NADH-quinone oxidoreductases as well as complex 1 with a focus on mitochondria and bacteria. Responsibilities include participating in an intensive team effort of research on the catalytic mechanism of oxidoreductases and relevant issues in mitochondrial disease, for example. Applicants must have a Ph.D. or equivalent degree and have demonstrated excellent qualifications in research.

The candidate should have at least three years of postdoctoral experience in bioenergetics and a strong background in biochemistry and biophysics, exemplified by recent scholarly productivity. Technical expertise in current methods of molecular biology and electron paramagnetic resonance techniques is highly desirable.

Please submit curriculum vitae, a cover letter, three reference names, and a statement of research interests to: Ruth Keris, Staff Assistant, Department of Biochemistry and Biophysics, University of Pennsylvania School of Medicine, Philadelphia, PA 19104-6059; e-mail: keris@mail.med.upenn.edu.

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