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**Positions Open**

**CHAIR, DEPARTMENT OF ANATOMY**

Kirkville College of Osteopathic Medicine invites applications for the full-time position of Chair, Department of Anatomy. We are seeking a dynamic individual with excellent teaching, communication, and leadership skills. Academic duties will include oversight of anatomy faculty and teaching fellows; didactic instruction and laboratory training of osteopathic medical students; innovative curricular design, implementation, and assessment; serving on college and university committees; and maintenance of a productive basic or clinical science research program. The successful candidate will hold a Doctorate degree (Ph.D./D.O./M.D. or equivalent), show evidence of expertise in human anatomy or a related discipline, and possess the rank of associate or full professor at the time of application. Salary and startup package are dependent on the applicant’s experience and research program. Further information is available at website: http://www.atsu.edu/kcom/faculty/staff/ faculty/anatomysearch.htm. To apply, send a letter of interest, curriculum vitae, and a minimum of three references by people who have worked directly with the applicant to:

**Human Resources**

Anatomy Chair Search Committee
Kirkville College of Osteopathic Medicine
A.T. Still University of Health Sciences
800 W. Jefferson Street
Kirkville, MO 63501

Electronic applications can be sent to e-mail: hr@atsu.edu. The position is available July 1, 2010. Review of applications will begin immediately and continue until the appropriate individual is found.

**INSTRUCTOR POSITION**

Available within the Division of Hematology/Oncology and Palliative Care within the Department of Internal Medicine of the Virginia Commonwealth Health Sciences System to conduct research involving the investigation of molecularly targeted agents in hematologic malignancies. The laboratory has a strong track record of translational initiatives based upon rational combinations of targeted agents, including proteasome, histone deacetylase, and tyrosine kinase inhibitors, in leukemia, multiple myeloma, and non-Hodgkin’s lymphoma. The laboratory is closely aligned with the Massey Cancer Center, an NCI-designated cancer center, and its Cancer Cell Signaling program.

The candidate must have an M.D. degree with postdoctoral research experience utilizing advanced molecular techniques, and experience working in the area of translational studies aimed at developing a basis for using novel signal transduction and other targeted agents including proteasome inhibitors in the treatment of hematologic malignancies, particularly in the areas of multiple myeloma and leukemia. The candidate must also have a successful publication record and the ability to train others to perform advanced molecular biology techniques. The candidate must have seven to eight years of experience, have the ability to design, conduct, and supervise a research project, and must be a first author on multiple publications in peer-reviewed scientific journals. Experience in stable and transient gene transfection, kinase assays, immunoprecipitation assays, multiple myeloma and leukemia cell biology, apoptosis regulation, and genetic engineering is highly desirable.

Submit letter of interest, curriculum vitae, brief description of career plans, and three references to: Steven Grant, M.D., c/o Karen Scott, Institute of Hematology, Oncology and Palliative Care, P.O. Box 980230, Richmond, VA 23298-0230. Virginia Commonwealth University is an Equal Opportunity/Affirmative Action Employer.

**FACULTY POSITIONS**

Albany Medical College
Center for Cardiovascular Sciences

Albany Medical College invites applications for tenure-track ASSISTANT PROFESSOR positions in the Center for Cardiovascular Sciences. We seek highly motivated individuals with research experience in cardiovascular/lung disease mechanisms to complement an interdisciplinary group engaged in basic cellular, molecular, and genetic cardiovascular research and graduate education. A Ph.D. degree and three years of productive postdoctoral experience are minimal requirements for appointment at the Assistant Professor level. Applicants with a nationally recognized and independently funded research program may be eligible for appointment at higher ranks.

Investigators in the Center for Cardiovascular Sciences have opportunities for collaboration with engineers and bioengineers at Rensselaer University and SUNY Albany College of Nanosciences. The area offers diverse cultural and recreational attractions, outstanding primary and secondary schools, and an attractive cost of living. For further information about Albany Medical Center, the College, and Center for Cardiovascular Sciences, please visit website: http://www.amc.edu.

Applicants should submit curriculum vitae, description of research interests and plans, and the names of at least three references by March 1, 2010, to:

Dr. Harold A. Singer
Chair, CCS Search Committee
Director, Center for Cardiovascular Sciences
Albany Medical College (MC-8)
47 New Scotland Avenue
Albany, NY 12208

AMC supports a diversified, smoke-free environment and is proud to be an Equal Opportunity/Affirmative Action Employer, encouraging women and minorities to apply. In support of a safe, drug-free environment, criminal background checks and drug testing are part of our hiring process.

Corrigendum to advertisement for recruitment to the post of Director, ARI, Pune, published in *Science* (USA) Volume 322, 31 October 2008

Maharashtra Association for the Cultivation of Science (MACS) had invited applications for the post of Director of the Agharkar Research Institute, Pune, India (see details at website: http://www.arihunc.org). The prerequisites for this position have changed; for details please refer to our website. Interested candidates may submit their applications by 31 December 2009 addressed to: Chair, Search Committee, Agharkar Research Institute, G.G. Agarkar Road, Pune – 411 004, India. Applications received earlier would be considered and hence those who have applied earlier need not reapply.

Chairman, IC, ARI and President, MACS.
As part of its commitment to Grand Challenges in Global Health, the Bill & Melinda Gates Foundation seeks innovative ideas for diagnostics in the developing world. Funding is available for the creation of technologies and components that can be used to assess multiple conditions and pathogens at the point of care in a variety of settings.

Letters of Inquiry are being accepted December 1, 2009 to February 16, 2010.

Please visit our website for more information and application instructions: www.grandchallenges.org/diagnostics

The Grand Challenges in Global Health initiative supports health research projects to achieve the scientific breakthroughs needed to prevent, treat, and cure the diseases of the developing world.
Argonne Distinguished Fellow for Life Sciences at the Advanced Photon Source

The Advanced Photon Source at Argonne National Laboratory is the brightest source of x–rays in the western hemisphere and attracts nearly 3,500 scientific users each year, almost half of which are life scientists. We are seeking an eminent scientist to fill the new position of Argonne Distinguished Fellow for Life Sciences at the APS.

The Distinguished Fellow for Life Sciences will serve as an advisor to the Director of the Advanced Photon Source on issues related to life sciences research at the APS and as an advocate for the life sciences community. He/She will be expected to coordinate outreach at the APS for all life science-based work, assist in the management of the General User program for life sciences, work with the life science-based Collaborative Access Teams (CATS) to improve the quality and productivity of the life science research programs at the APS, and to integrate their programs into the APS. The Distinguished Fellow may carry out his/her research at the APS or elsewhere. The percentage of time for personal research will be negotiated on a case-by-case basis and a joint appointment with another Argonne Division or with a local university is encouraged.

The Distinguished Fellow (710 career level) is Argonne National Laboratory’s highest scientific and engineering rank. Award of this rank confers the title Argonne Distinguished Fellow, which is comparable in stature to an endowed chair at a top-ranked university and recognizes exceptional contributions in a person’s field. Argonne Distinguished Fellow for Life Sciences at the APS should be internationally recognized in the application of synchrotron radiation to the life sciences, with a relevant PhD and 15-20 years experience. The individual should have demonstrated leadership and management abilities, at least at the level of a group or department, and the ability to articulate a vision for life sciences at APS. The selected candidate for hire at this level will be subject to approval by the Laboratory Directors Oversight Committee for Hires and Promotions (LDOC-HP) peer review requiring preparation and submission of a comprehensive case package.

Argonne National Laboratory is a multi-program laboratory operated by the UChicago Argonne, LLC for the U.S. Department of Energy. Argonne’s site is located about 25 miles southwest of Chicago on a beautiful 1500-acre campus-like environment. Interested candidates should send a detailed CV along with a list of publications, and the names and addresses of three references through the Argonne website at http://www.anl.gov/jobs job search for requisition 315410 XSD. Review of applicants will begin January 2010 and will continue until the position is filled.

For additional technical information, please contact Dr. Dennis Mills, APS Deputy Director for X-ray Science at dmm@aps.anl.gov.
Program Directors
The National Institute of Neurological Disorders and Stroke (NINDS), a major component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), has excellent opportunities for at least five candidates to join a highly interactive group of scientists and clinicians working across all areas of neuroscience and on a wide range of neurological disorders. The NINDS Division of Extramural Research (DER) seeks applications from exceptional, visionary candidates with distinguished records in basic, translational and/or clinical neuroscience research to serve as Program Directors in the fields of Neurodegeneration, Stroke, or Neural Biomedical Engineering. Applicants with particularly strong backgrounds in other areas of neuroscience will also be considered.

Qualifications
Successful candidates will be accomplished neuroscientists who have a strong commitment to the advancement of basic, translational and clinical research, a demonstrated record of research program management, and outstanding leadership skills. As Program Directors, they will conceive, develop, and oversee cutting-edge research programs in their areas of expertise.

Experience in basic neuroscience (genetic, molecular, cellular, circuit or systems level), translational neuroscience (therapy or diagnostic development) and/or clinical research or clinical practice in academic or for-profit institutions, is highly desirable. Applicants must have the capacity to interact effectively with national and international organizations and with individuals who represent wide-ranging views and competing priorities.

Additional criteria for selection will include: experience and skill in communicating scientific, programmatic, and policy information to lay and scientific audiences; skill in administrative and program management; a strong publication record in their field of research.

National Institute of Neurological Disorders and Stroke

Applicants must possess a Ph.D. and/or M.D. degree, have experience in research program oversight, and demonstrate extensive involvement in independent and collaborative projects involving neurodegeneration, stroke, neural biomedical engineering or related fields.

Application Information
Applications may be submitted beginning 11/30/2009 to 01/31/2010. Application instructions can be found at the USAJobs Web Site (http://www.usajobs.gov/), by searching on Vacancy Announcement for Health Scientist Administrator GS-0601-13/14: NINDS-09-366942-DE or Medical Officer, GS-0602-13/14/15: NINDS-09-366806-DH. Applicants must be U.S. citizens. The salary ranges from $86,927 to $153,200 per annum and is commensurate with experience and qualifications. For more information, please contact Dr. Robert Finkelstein at finkelsr@ninds.nih.gov.
Applications are invited for:-

**Director and Professor, School of Life Sciences**
(Ref. 08/227 [665]/2)

The Chinese University of Hong Kong, founded in 1963, aspires to be acknowledged regionally and internationally as a first-class comprehensive research university. The University offers a broad spectrum of programmes up to PhD level in various disciplines organized under eight Faculties (viz. Arts, Business Administration, Education, Engineering, Law, Medicine, Science and Social Science), with a team of over 2,000 full-time teaching and research staff. In 2009-10, undergraduate and postgraduate enrolment in publicly-funded programmes stands close to 11,500 and 3,100 respectively (http://www.cuhk.edu.hk).

The Faculty of Science comprises six Departments: Biochemistry, Biology, Chemistry, Mathematics, Physics, and Statistics, and one School: Chinese Medicine, and also offers a number of multidisciplinary programmes: Cell and Molecular Biology, Environmental Science, Food and Nutritional Sciences, Molecular Biotechnology, Mathematics and Information Engineering (double degree), Quantitative Finance and Risk Management Science (double major), and Risk Management Science. The Faculty has 300 full-time teaching and research staff, 1,600 undergraduate students and 500 postgraduate research students. Detailed information on the Faculty is available at http://www.cuhk.edu.hk/sci/.

A new School of Life Sciences will be established within the Faculty of Science through re-organization of teaching and research programmes in the existing Departments of Biochemistry and Biology. The School will ultimately have more than 40 academic staff, about 900 undergraduate and 300 postgraduate students. World-class research facilities are available. The School will create synergies in research and scholarship, and provide the institutional framework for taking advantage of exciting new opportunities in modern life sciences, both within the Faculty of Science and also in collaboration with other Faculties.

The School will offer six undergraduate major programmes and corresponding research postgraduate programmes in Biochemistry, Biology, Cell and Molecular Biology, Environmental Science, Food and Nutritional Sciences, and Molecular Biotechnology; and also two taught MSc programmes: Biochemical and Biomedical Sciences, and Nutrition, Food Science and Technology. The School will enter a period of expansion with the introduction of the Cell and Molecular Biology programme in 2009/10 and the revival of a four-year normative undergraduate curriculum in 2012-13.

Applicants should be academics with (i) an outstanding record of scholarship appropriate for a senior appointment at professor level in a discipline of life sciences; (ii) an appreciation of the breadth and depth of research and educational activities in life sciences, in particular the opportunities ahead for cutting-edge research; (iii) experience in leading well-funded, internationally-recognized, and preferably multi-disciplinary collaborative research programmes; (iv) demonstrated leadership and management ability at an appropriate level in higher education institutions; (v) long-term vision for the development of the School into a centre of research excellence; and (vi) excellent interpersonal and communication skills.

As the academic and executive head of the School reporting to the Dean of the Faculty of Science, the appointee will (a) be responsible for the vision and stewardship of the School; (b) undertake overall responsibility for academic, financial, staff, and student matters; and (c) provide strong leadership in the reorganization process, particularly in planning and leading research directions of the School. Appointment will initially be made on contract basis for up to five years commencing as soon as possible, which, subject to mutual agreement, may lead to longer-term appointments at a later date. The selected candidate will also be offered a full professorship appointment in a subject related to her/his own speciality area of scholarly interests, to be held concomitantly with the Directorship of the School.

Consideration of applications/nominations will begin in January/February 2010 and will continue until the post is filled. The University reserves the right to fill the post by invitation.

[Note: Those who have responded to the previous advertisement for this post (under the same Ref. no.) need not re-apply on this occasion.]

**Salary and Fringe Benefits**

Salary will be competitive, commensurate with qualifications and experience. The University offers a comprehensive fringe benefit package, including medical care, plus a contract-end gratuity for an appointment of two years or longer, and other benefits for eligible appointees.

Further information about the University and the general terms of service for appointments is available at http://www.cuhk.edu.hk/personnel. The terms mentioned herein are for reference only and are subject to revision by the University.

**Application Procedure**

Please send full resume, copies of academic credentials, a publication list and/or abstracts of selected published papers, together with names, addresses and fax numbers/e-mail addresses of three referees to whom the candidates’ consent has been given for their providing references (unless otherwise specified), to the Personnel Office, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong (fax: (852) 2696 1462). The Personal Information Collection Statement will be provided upon request. Please quote the reference number and mark ‘Application - Confidential’ on cover.

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**Manager for the recently established Facility**

The position is available immediately and will be initially for two years with the possibility of an extension.

We are looking for a motivated individual with strong people and communication skills, who would like to take on the responsibility to run our new facility. Candidates should hold a PhD and have a strong background in molecular biology approaches and various fly techniques. In particular, previous experience with fly genetics, fly injections and day-to-day handling of flies is absolutely essential. Additional experience in preparing polyclone chromosome spreads, imaging, handling large fly populations for biochemical analysis or screening purposes will be advantageous. The successful candidates will also be expected to teach and train new users of the fly facility. Next to running the facility, there will be an option to participate in scientific projects in the Akhter laboratory in the field of chromatin and epigenetics (http://www.immunbio.mpg.de/home/research/biol/laboratory_akhtar/index.html).

Salaries will be based on previous experience according to TVöD guidelines. A childcare facility is directly attached to the MPI of Immunobiology. Handicapped applicants with equal qualifications will be given preferential treatment. The Max Planck Society seeks to increase the number of women in areas, where they are underrepresented, and therefore explicitly encourages women to apply.

Candidates should send their application indicating the reference number 011109 via e-mail to weigold@immunbio.mp.de or by regular mail to the Personnel Department, Max Planck Institute of Immunobiology, Stübeweg 51, D-79108 Freiburg, Germany.

More information about our institute can be found on http://www.immunbio.mp.de.

Applications will be accepted until January 15th, 2010.

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**Faculty Positions in Cancer Biology/Therapeutics and Vascular Biology/Drug Research**

The newly created Department of Biomedical Sciences, Texas Tech University Health Sciences Center (TTUHSC), Amarillo, TX seeks applicants for two new tenure-track faculty positions at the Assistant/Associate Professor level. The successful candidates will join a vibrant and expanding group of extramurally funded biomedical researchers (http://www.ttuhsc.edu/sop/biomedicalsciences) who are part of the University Cancer Biology and Vascular Biology Centers.

Applicants for the Cancer Biology position must have a doctoral degree with research experience in any aspect of cancer biology, chemotherapeutics or drug discovery. Applicants for the Vascular Biology position must have a doctoral degree with research experience in any aspect of vascular biology. The applicants at the Assistant Professor level are expected to develop an extramurally funded research program, whereas applicants at the Associate Professor level should have current peer-reviewed funding and track record of independent research and publishing. The successful candidates will be expected to teach Pharm.D. and Ph.D. students. Competitive salary, start-up package, and laboratory space are available. Applicants should submit documents online at http://jobs.texastech.edu (job requisition numbers: 80378 (Cancer Biology), 80379 (Vascular Biology)). Please include curriculum vitae, a summary of research accomplishments/interests, future directions, teaching philosophy and names and addresses of three references. TTUHSC in Amarillo includes the School of Pharmacy (Department of Biomedical Sciences, Department of Pharmaceutical Sciences and Pharmacy Practice), School of Medicine, The Laura Bush Woman’s Health Research Institute and the Harrington Cancer Research Center. The Biomedical Sciences department currently has 11 full-time faculties with interest in cancer biology, vascular biology, and pharmaceutica research. For Cancer Biology position contact the search committee chair, Dr. Sanjay K. Srivastava, E-mail: sanjay.srivastava@ttuhsc.edu. Telephone: (806) 356-4750 ext 224 and for Vascular Biology position contact Dr. Jay Gunaje, E-mail: jayarama.gunaje@ttuhsc.edu Phone: 806-356-4015, Ext. 249.

**TTUHSC is an Equal Opportunity/Affirmative Action Institution. Minorities and women are encouraged to apply.**
If taking initiatives is easy, taking responsibility for them is somewhat harder. But having initiated eight areas of advance to promote a better world, we are now ready to invest in the fundamental sciences – the cornerstones of our research. We seek seven ambitious women or men for Assistant Professorships and PhD student positions in fields that will contribute to the basic sciences of tomorrow, and fortify our areas of advance and vision of sustainability.

Each assistant professor will have the chance to design a unique and autonomous programme networking with specialists and students across various borders. Additionally, successful candidates will receive a generous support package.

TWO ASSISTANT PROFESSORS TO THE BASIC SCIENCES
Are you working in pure physics, mathematics, astronomy, chemistry or computer science? Would your area of research benefit from an environment where scientists are encouraged to cross the borders that otherwise impede progress? Will your insights help to develop the foundations of a university that seeks excellence in both pure and applied sciences? In this case, we look forward to hearing from you.

FIVE PHD STUDENTS TO THE BASIC SCIENCES
Are you looking for the ultimate PhD position to nurture a promising research career in a basic science? Successful candidates will have an exceptional opportunity to design a programme taking full advantage of our many strengths.

To know how you might qualify for one of these exceptional positions, please visit us at www.chalmers.se/basicsciences
Professor of Electrochemistry and Head of the Electrochemistry Laboratory

The Department of Chemistry and Applied Biosciences at ETH Zurich (www.chab.ethz.ch) and the Paul Scherrer Institute (www.psi.ch) invite applications from candidates who have demonstrated an exceptional potential to develop an innovative and collaborative research program at the interface between electrochemistry and electrochemical engineering.

The new professor will hold the position of Head of the Electrochemistry Laboratory at the Paul Scherrer Institute (PSI) in Villigen, in a joint appointment between ETH Zurich and the PSI. The professorship will be associated with the Laboratory of Physical Chemistry at ETH, and will contribute to the teaching within the Department. Experimental activities in the fields of electrochemical energy conversion and storage, including fuel cells and advanced batteries, will be carried out at the Paul Scherrer Institute and will take advantage of the specific opportunities offered by the large facilities of the PSI. Projects are carried out in national and international collaborations, spanning the full range from fundamental investigations of processes at electrochemical interfaces to system applications of industrial relevance.

Requirements include an internationally recognized research program and excellence in teaching; industrial experience is an advantage. The new professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

Please submit your application together with a curriculum vitae, a list of publications as well as a list of current projects and a research plan to the President of ETH Zurich, Prof. Dr. R. Eichler, ETH Zurich, Raemistrasse 101, 8092 Zurich, Switzerland, no later than February 28, 2010. With a view toward increasing the number of female professors, ETH Zurich specifically encourages qualified female candidates to apply.
The Max Planck Institute for Terrestrial Microbiology will host a Symposium in search of a Director of a new department “Synthetic Cells” to be held in Marburg on the 11th of March 2010.

The Institute is committed to basic research on microorganisms. At present, it has three research departments - Microbial Ecology & Biogeochemistry (Director: Dr. R. Conrad), Organismic Interactions (Director: Dr. R. Kahmann), and Ecophysiology (Director: Dr. L. Sogarda-Andersen). The new department will be a full department of the Institute and will be integrated into the LOEWE Center for Synthetic Microbiology (SYNMIKRO) which is a collaborative project between the Philipps-Universität Marburg and the Max Planck Institute for Terrestrial Microbiology. SYNMIKRO is committed to basic research in synthetic biology and focuses on all organizational levels of microbial function, from synthetic regulatory circuits, genetic codes, and metabolic pathways to synthetic cells and synthetic microbial communities. SYNMIKRO will comprise three full departments and four independent junior groups along with several university groups. It will be accommodated in a new building on Campus Lahnberge and will include a state-of-the-art infrastructure.

We invite applications for the Symposium from scientists with an outstanding track record in basic microbiological research and with documented experience in the new research field of synthetic biology using and/or developing rational design principles based on e.g. system biology approaches. Topics of interest include but are not limited to protocols, cells with synthetic genomes and cells with minimal genomes. The successful candidate has a commitment to actively participate in establishing SYNMKRO, and is expected to collaborate closely with existing experimental and theoretical groups and to be active in existing and planned collaborative research initiatives (SF, FOR and GRK).

The Max Planck Society is an equal opportunity employer, and particularly encourages women to apply.

Scientists who wish to participate in the Symposium are invited to send their application to synmikrog@mpi-marburg.mpg.de. The application should contain the following information in a single pdf document:

1. Cover letter
2. Curriculum vitae, including a list of publications
3. Summary of previous research achievements
4. Research plan
5. Statement of teaching interests and experience
6. Previous and current grant funding

Applications should be received by 18th of January 2010. Informal inquiries can be directed to Prof. Dr. Lotte Sogarda-Andersen, Managing Director, Max Planck Institute for Terrestrial Microbiology, sogaard@mpi-marburg.mpg.de or Prof. Dr. Bruno Eckhardt, Managing Director, SYNMKRO, Philipps-Universität Marburg, director@synmikro.uni-marburg.de.

The Philipps-Universität Marburg and the Max Planck Institute for Terrestrial Microbiology will together establish a new Centre for Synthetic Microbiology, SYNMKRO. Supported by the state of Hessen within its excellence program LOEWE, SYNMKRO will focus on the basic research in synthetic biology on all levels of microbial function, ranging from the development of regulatory circuits, genetic codes and metabolic pathways to the synthesis of new minimal cells and microbial communities. In addition to the 26 groups already present, a department at the Max Planck Institute, two chairs at the university, four junior groups and several state-of-the-art infrastructural units will be established on the Campus Lahnberge in Marburg.

The Philipps-Universität Marburg is searching for outstanding scientists to fill the following positions:

The Faculty of Chemistry invites applications for the following position:

**Professorship (W3) in Molecular and Cellular Biochemistry of Microorganisms**

Candidates should have an outstanding record in the analysis of central biological processes using also quantitative methods. Potential research areas include complex regulatory networks in Microorganisms or the analysis of spatio-temporally resolved processes. The position holder is required to teach biochemistry courses in the Faculty of Chemistry.

The Faculty of Biology invites applications for the following position:

**Professorship (W3) in Comparative Genomics of Microorganisms**

The successful candidate is expected to combine theoretical comparative genome analysis with experimental biological methodologies in prokaryotic or eukaryotic Microorganisms. Possible fields of research include identification of functions and experimental characterization of unknown gene products and optimizing the genetic layout of microbial minimal cells. Full participation in teaching introductory and advanced degree courses in the Faculty of Biology, especially in the field of molecular microbiology, is required.

Candidates for both positions should have an outstanding record in teaching and research as well as experience in the procurement and implementation of externally funded projects.

The conditions of employment are set down in §§ 70, 71 of the Hessen State Law on Higher Education (HfG). Philipps-Universität Marburg places great importance on the intensive mentoring of students and doctoral candidates; therefore, the regular presence of the teaching staff is required.

Philipps-Universität is an equal opportunity employer, and applications from women are encouraged. Applications from candidates with children are welcome - the Philipps-Universität is dedicated to being a family-friendly university. Qualified disabled people are also encouraged to apply.

Applications should be submitted by January 18th, 2010 to ausschreibungen@verwaltung.uni-marburg.de. The application should contain the following information in a single pdf document: (1) cover letter, (2) curriculum vitae, including a list of publications, (3) summary of previous research achievements, (4) research plan, (5) statement of teaching interests and experience and (6) previous and current funding.

Informal inquiries can be directed to Prof. Dr. Bruno Eickhardt, Managing Director SYNMKRO, Philipps-Universität Marburg, director@synmikro.uni-marburg.de.
NORTHEASTERN UNIVERSITY:
INVESTING IN EXCELLENCE

Northeastern University’s response to these challenging times is to continue to invest in our core values: excellence in teaching and research. Be a part of it.

This year, Northeastern is hiring more than fifty tenure-line faculty members as we orient our research agenda to three grand global challenges—health, security, and sustainability. Within those overarching themes, we seek distinguished candidates for interdisciplinary faculty appointments in areas including:

Biomedical technology and neuroscience
Experimental or computational movement neuroscience
Nano/biological engineering
Biomedical or biological electrical engineering
Drug discovery and delivery
Bioinformatics
Regenerative medicine

Networks and Complex Systems
Network science and epidemic processes
Mathematics and computer science

Security
Information assurance and cyber security

Sustainability
Energy systems
Environmental engineering

For information on these and other outstanding opportunities, visit www.northeastern.edu/facultypositions.

Northeastern University is an Equal Opportunity, Affirmative Action Educational Institution and Employer, Title IX University. Northeastern University particularly welcomes applications from minorities, women and persons with disabilities. Northeastern is an E-Verify Employer.

Forty-three new tenured and tenure-track faculty members joined Northeastern this academic year. To meet them, visit www.northeastern.edu/facultyhires.
R&D OPPORTUNITIES AT PIRAMAL LIFE SCIENCES, MUMBAI, INDIA

Piramal Life Sciences Limited (PLSL) is an independent research-driven drug discovery company. PLSL has state-of-the-art R&D laboratories in Mumbai, India and over 300 scientists engaged in drug discovery and development, focusing on four therapeutic areas – cancer, diabetes, inflammation and infectious diseases. The company provides an open and employee friendly culture and encourages rigorous and high quality research work. To strengthen our R&D team, we are looking for committed, dynamic and ambitious R&D professionals with a proven track record and a flair for innovative research, to take up challenging responsibilities in the following areas of expertise/specialization:

Cancer Biology Scientists – Job code PLSL-001
Candidates should have a Ph.D in Cell Biology/Biochemistry/Cancer Biology and 3-6 years of cancer drug discovery experience. The job involves leading and managing drug discovery project/s for cancer, identification, evaluation and implementation of new cancer targets. Major responsibilities will include establishment of target-driven primary and secondary screens, and conducting mechanistic studies to understand the mode-of-action of drug candidates. Hands on experience in vivo models of cancer will be an added advantage.

Molecular Biology/Assay Development Scientist – Job code PLSL-002
The candidate should have a Ph.D in Molecular Biology/Cell Biology/Biochemistry/Biotechnology and 5-8 years of industry experience. The job involves gene cloning, expression and purification of proteins as required for various screening groups, developing biochemical and cell based assays for drug discovery programs. The candidate must be proficient in routine and advance molecular biology techniques, biochemistry and assay development, be able to trouble shoot processes, develop inter and intra project collaborations, mentor, manage and lead a group of 6-8 researchers.

Drosophila – Zebrafish Geneticist/ Molecular Biologist - Job code PLSL-003
The candidate should have a Ph.D in biological sciences with specific experience and expertise in either drosophila or zebrafish genetics. The job will entail establishing primary and secondary assays utilizing these model organisms for drug and target discovery.

Preformulation Scientists – Job code PLSL-004
Positions are open at various levels. The candidate should have a Ph.D with 2 or more years of experience in carrying out preformulation studies with New Chemical Entities (NCEs). Capability to design and conduct preformulation studies for NCEs and to provide support to both API and formulation scientists is desired.

Patents - Job code PLSL-005
Ph.D/ M.S./ M.Pharm. in Organic Chemistry or Pharmaceutical Chemistry, with at least 1 - 2 years pharmaceutical industry experience in the following areas: chemical structure searches, particularly Markush structures, patent searches; drafting and filing patent applications, especially for new chemical entities (NCEs); patentability / infringement / freedom to operate analysis; and patent prosecution. Candidate should have good working knowledge of patent laws of different countries particularly India, USA and Europe, and excellent analytical and writing skills. A law degree or a postgraduate diploma in patent law will be an added advantage.

Discovery Informatics Scientists – Job code PLSL-006
The positions broadly involve theoretical and computational work at different stages of novel drug discovery research, including bioinformatics, cheminformatics, molecular modeling, biostatistics, computational statistics, mathematical modeling and/or computer programming. The job will involve one or more of the following: developing predictive ADMET models; implementing predictive ADMET software; QSAR modeling; Pharmacophore modeling; docking; virtual screening; structural bioinformatics; structure-based drug design; biostatistical analysis of pharmacological data; statistical/computational modeling of data; molecular dynamics simulations; creation and maintenance of scientific databases; data management; writing utility programs using shell, html, Perl, C++, Java, R, or svi in MOE. Ideal candidates would be those with an M.S./Ph.D / M.Tech / M.Pharm or exceptionally bright graduates with experience in medicinal/organic chemistry, statistics, computer science or structural biology. Additional qualifications in bioinformatics or cheminformatics / molecular modeling would be preferred. The candidate must have a flair for using computers, including new software packages and be proficient/have hands-on experience in using Linux. Knowledge of modeling and assessing X-ray crystal structure models will be an asset. The minimum experience required for the positions available, is six-month training, in a relevant area.

Corporate Regulatory Affairs – Job code PLSL-007
The candidate should have an advanced degree in Sciences, with at least 1 year of experience in assembling data packages for submission for INDs, CTAs, etc, and be familiar with regulatory requirements for initiating first-in-man, as well as advanced clinical studies, in US and Europe.

Drug Development / Project Management Scientist – Job code PLSL-008
The candidate should have an M.S. degree but preferably a Ph.D in biological sciences or chemistry with experience in advancing a lead candidate from pre-clinical to clinical development. The ideal candidate should have successfully transitioned a new chemical entity from the discovery to the development phase. Specific responsibilities will include participation in multiple therapeutic area teams to provide assistance in drug development, design, execution and monitoring of non-GLP and GLP studies to support global development efforts. He or she should have excellent command of written and spoken English.

Business Development – Job code PLSL-009
The candidate should have a Ph.D. in biological sciences and/or a Masters degree in Business Administration. At least 6-10 years of relevant industry experience (business development role in a drug discovery and development organization) is a must. The job will involve initiating and formalizing strategic alliances with pharmaceutical and biotech companies, carrying out in licensing / out-licensing activities, technology evaluation and acquisition, agreements with industry and academic institutions. The candidate should have a strong understanding of drug discovery and development process, excellent communication and negotiation skills.

Evidence of scientific achievements and leadership through a strong publication and patent record, as well as excellent communication skills are required for most of the above positions. Candidates must possess the ability to work with cross-functional partners. If you wish to apply, kindly email us your résumé at research.recruitment@piramal.com indicating the specialization applied for along with the accompanying job code in the subject line.
Queens College
DEAN, MATHEMATICS & NATURAL SCIENCES DIVISION

The Division of Mathematics & Natural Sciences at Queens College of the City University of New York invites applications for the position of dean. The Division includes the departments of Biology, Chemistry & Biochemistry, Computer Science, Earth & Environmental Sciences, Family Nutrition & Exercise Sciences, Mathematics, Physics, and Psychology, as well as research centers such as the Center for the Biology of Natural Systems. The 2010 edition of the U.S. News and World Report America’s Best Colleges guidebook ranks Queens among the top 10 public universities in its category. Our scenic 77-acre campus hosts over 16,000 undergraduates and over 4,500 graduate students. PhD candidates perform laboratory research on campus in a consortial arrangement with CUNY’s Graduate Center and senior colleges, and many doctoral level courses are taught on campus. Under CUNY’s Decade of Science initiative, Queens College is hiring aggressively in the sciences and expanding core facilities, and has just completed a new Chemistry addition. The dean works closely with department chairs and reports to the Provost.

The successful candidate will demonstrate a commitment to urban education and to a diverse faculty and student body, a collaborative and collegial management style, and experience with curriculum review and budget management. Please see complete details of position responsibilities and requirements at www.qc.cuny.edu/HR/Pages/JobListings.aspx.

Anticipated start date is August 25, 2010. Review of applications will begin on January 1, 2010 and continue until the position is filled. Applicants should submit a cover letter, CV, and contact information for three professional references, preferably via email to lisiansky@qc.cuny.edu, or to:

Dr. Alexander Lisiansky, Chair
Dean of MNS Division Search Committee
Queens College, CUNY
65-30 Kissena Blvd.
Flushing, NY 11377-1597
AA/EOE/IRCA/ADA

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.

Associate Chief of Staff for Research and Development, San Francisco VA Medical Center

The San Francisco VA Medical Center is seeking an M.D. or Ph.D. scientist to serve as the Associate Chief of Staff for Research and Development. Responsibilities include administration of the Medical Center’s $78 million research program, advocacy for the research enterprise and mentoring of junior research faculty. Applicants must have a well-established research program and must have demonstrated administrative skills. Academic appointment would be at the University of California San Francisco, School of Medicine. U.S. citizenship is required.

Interested applicants should submit their curriculum vitae and three professional references to Jia F. Li; Office of the Chief of Staff, (TDD) 4150 Clement Street; San Francisco, CA 94121; 415-750-2185.

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.

UNIVERSITY OF MINNESOTA, Twin Cities
Department of Genetics, Cell Biology, and Development
Tenure-Track Faculty Position in Cellular Dynamics and Imaging

The Department of Genetics, Cell Biology and Development is recruiting candidates for a tenure-track position at the Assistant Professor level. We seek investigators who are addressing fundamental questions concerning intracellular transport mechanisms using state of the art imaging and quantitative approaches, including computational methods. The department is recognized for its expertise in the structure/function of the cytoskeleton, the developmental genetics of model organisms (including worms, flies, zebra fish and mice), transposon biology and genome manipulation, human and cancer genetics, and chromosome instability. We have recently recruited faculty members with interests in cell cycle controls, chromosomal segregation, protein degradation, membrane trafficking, cell adhesion, and development. Competitive candidates will complement and extend existing departmental strengths, while building links to related translational research in neighboring clinical departments and institutes.

Candidates must have a Ph.D. and/or M.D. degree, at least three years of postdoctoral experience, a strong publication record, and they must also be U.S. citizens or be able to secure permanent resident status. Successful candidates will be expected to develop independent, externally funded research programs, interact collaboratively among a variety of disciplines, and participate in the undergraduate, graduate, and/or professional teaching programs of the Department. Starting salaries will be commensurate with educational and experience, and competitive start-up packages are available. For additional information on the Department, see http://www.gcd.umn.edu/.

Individuals interested in this position should visit (https://employment.umn.edu) and search for requisition #164176. Follow instructions to Upload/Attach a CV and statement of research interests. In addition, three letters of recommendation that consider both research and teaching potential should be sent electronically as PDF files to: Mary Muwahid (email: muwah001@umn.edu). Review of applications will begin December 15th, 2009 and will continue until the position is filled.

The University of Minnesota is an Equal Opportunity Educator and Employer.

University of Pittsburgh School of Medicine
Department of Pharmacology and Chemical Biology

Applications are invited for tenure-stream Assistant Professor positions in the Department of Pharmacology and Chemical Biology. Candidates who have a Ph.D., M.D. or equivalent graduate degree are being recruited to expand a strong cadre of faculty.

The University of Pittsburgh School of Medicine currently ranks 6th among NIH-funded academic medical centers, and the department is consistently one of the top NIH-funded departments of pharmacology. The School of Medicine and the department are executing an exciting vision for both the expansion and integration of basic research, clinical investigation, and patient care missions. The department houses state-of-the-art facilities supporting microscopy, mass spectrometry, protein chemistry, gene expression profiling, genetic models of disease, receptor analysis, physiological monitoring, physical chemistry, organic/combinatorial chemistry and high-throughput drug discovery.

Successful candidates must have excellent communications skills, develop an outstanding, extramurally supported research program, and be committed to the graduate and medical teaching missions of the department. Salary and benefits are highly competitive, with excellent start-up investments. Although all strong applicants will be considered, the department is especially interested in applicants with expertise in cell and organ systems pharmacology, cardiovascular pharmacology, neuropharmacology, endocrine pharmacology, cell signaling, or drug discovery.

Applicants should provide via e-mail a one-page statement of research objectives, curriculum vitae, and contact information for three references to: Bruce A. Freeman, Ph.D., Irwin Fridovich/UPMC Professor, Chair of Pharmacology and Chemical Biology, University of Pittsburgh, School of Medicine, W1340 Biomedical Science Tower, Pittsburgh, PA 15261; E-mail: pharmdev@pitt.edu.

The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.
**FOUNDRY DEAN OF THE COLLEGE OF SCIENCE**
**NORTHEASTERN UNIVERSITY**
**BOSTON, MASSACHUSETTS**

Northeastern University seeks an outstanding scholar and entrepreneurial leader for the position of founding Dean for its newly established College of Science. Reporting to the Provost and Senior Vice President for Academic Affairs, the founding Dean will have an extraordinary opportunity to shape a new college that will enhance Northeastern University’s distinctive educational mission and national and international reputation for joining translational with fundamental research in an interdisciplinary environment.

Located in the heart of Boston, in the arts district and the biomedical research corridor, Northeastern University is a private national research university offering a wide range of programs leading to degrees through the doctorate in eight schools and colleges. Over the past ten years, Northeastern has experienced extraordinary growth in admissions selectivity, research activity, campus life, donor support, and reputation. Today, Northeastern is the largest private research university in Boston proper, comprising more than 15,000 undergraduate and 5,000 graduate students and over 4,200 faculty and staff. The university operates with a $798 million budget and expended $55 million in research funding in FY 2009.

In 2006, under the leadership of newly appointed President Joseph Aoun, the University embarked on an institution-wide planning process that involved reflecting on the institution’s purpose and envisioning its future. Today, with a new Mission Statement and Academic Plan in place, Northeastern is a vital, optimistic institution moving forward with confidence and energized by a sense of collective momentum and ambition. In line with this strategic goals, Northeastern has recently announced its decision to restructure the Colleges of Arts and Sciences and Criminal Justice and create a new College of Science, as well as Colleges of Arts, Media and Design, and Social Science and Humanities. This reorganization will better align academic departments that share educational and research goals and approaches, enabling them to advocate more effectively for resources and to project a clearer, unified identity to the outside world. In addition, the University is implementing a new hybrid budgetary model based on responsibility based management that will provide its deans with heightened autonomy, financial control, and decision-making authority.

This is an unusual and exciting opportunity to join a university that is on a dramatic upward trajectory, led by a strong executive leadership team, and moving to a management structure and style that empowers deans. Northeastern University seeks a Dean of Science with exemplary academic achievements, together with strategic leadership ability; outstanding interpersonal and communication skills; entrepreneurial spirit and high energy; and a passion for the unique mission of the College and University. In collaboration with the faculty of the College, s/he will articulate a vision and strategic plan that will strengthen interdisciplinary connections across the department units, the other colleges of the university, and Northeastern’s science disciplines and the scientific, technological, and medical institutions of the Greater Boston region.

Northeastern University has retained Isaacson, Miller, a national executive search firm, to assist in this recruitment. Review of candidates will begin immediately and continue until an appointment is made. Applications, including cover letter, vita, and three references, should be submitted in electronic form, to: Vivian Brocard, Vice President, Nureen Das, Associate, Isaacson, Miller, E-mail: 3938@imsearch.com. Electronic applications are strongly encouraged.

**Northeastern University is an Equal Opportunity Employer. Persons of color and women are encouraged to apply.**

**www.neu.edu**

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**THE UNIVERSITY OF CHICAGO**

The University of Chicago is an equal opportunity/affirmative action employer. Application materials, including a curriculum vitae, statement of research interests, and names of three references should be submitted to:

**Director of Human Resources**
**University of Chicago**
**21 W. Merrick Road, Room 101**
**Chicago, Illinois 60637-1473**
**E-mail: cemhrecruit@uchicago.edu**
**Website:** [www.uchicago.edu](http://www.uchicago.edu)

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**DO YOU SEE YOURSELF AS A RESEARCHER?**

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Inserm is the only French public research body entirely dedicated to human health. Its researchers are committed to studying all diseases, whether common or rare. Through its diversity of approaches, Inserm provides a unique environment for researchers. 13,000 researchers, engineers, and technicians work in the 318 Inserm laboratories housed in hospitals, universities and research campuses, all over France. The positions of Research Associates and of Research Directors are open to PhD (or equivalent title) holders, without nationality restriction.

Application modalities: visit our website: [http://www.eva2.inserm.fr](http://www.eva2.inserm.fr)  
Application deadline: January 7th, 2010 - 4.00.pm (GMT+1)

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**TENURE TRACK FACULTY POSITION IN STRUCTURAL BIOLOGY**

The Program in Molecular and Translational Medicine (MTM) of the Fox Chase Cancer Center, Philadelphia, PA invites applications for a tenure-track (Assistant or Associate level) faculty position in structural biology. We are interested in outstanding individuals who have significant records of accomplishment. Areas of interest include X-ray crystallography, NMR spectroscopy, and other biophysical and computational approaches to problems in cancer biology. Candidates should have a focus on one particular area relevant to cancer research, including (but not limited to) cell signaling, DNA repair, cell cycle control, apoptosis, or translational medicine. The MTM program includes a spectrum of research addressing structural biology, cancer signaling networks, novel targeted therapeutics, and clinical trials (http://www.fccc.edu/research/areas/mtm/index.html). Individuals interested in opportunities for collaborative, multidisciplinary translational applications of their research are particularly encouraged to apply. Research at the Fox Chase Cancer Center is supported by state-of-the-art core facilities, extramural and intramural postdoctoral training grants, endowed fellowships, and marked by an outstanding funding record for investigator-initiated grant applications.

Candidates should send a curriculum vitae, statement of research interests, and names of three references to the head of the search committee, Dr. Erica Golemis at MTMsearch@fccc.edu. Fox Chase Cancer Center is an equal opportunity employer.
Postdoctoral Fellowship in Retrovirology

UNIVERSITY OF MICHIGAN MEDICAL SCHOOL

Fully eight percent of the human genome is made up of retroviruses that have inserted themselves into our genetic material, but very little is known concerning the role of these endogenous retroviruses in modern biology and disease.

Our laboratory has recently received substantial grant support to study how one of these endogenous retroviruses, HERV-K, might replicate and participate in the pathogenesis of cancers, such as lymphoma, and in HIV pathogenesis (Contreras-Galindo, R., Kaplan, M. H., Leissner, P., Verjat, T., Ferlenghi, I., Bagnoli, F., Giusti, F., Dosik, M. H., Hayes, D. F., Gitlin, S. D., and Markovitz, D. M., Human endogenous retrovirus K (HML-2) elements in the plasma of people with lymphoma and breast cancer. J Virol 82:9329-9336, 2008).

We are looking for ambitious postdoctoral fellows to join in this project. A background in molecular biology is an important qualification, but scientists from any discipline are invited to apply.

To submit an application, please send a copy of your curriculum vitae and a list of three references with their contact information to Professor David Markovitz, Department of Internal Medicine, University of Michigan (dmarkov@umich.edu).

Assistant/Associate Professor Neuroscience

The Institute of Neurobiology of the University of Puerto Rico Medical Sciences Campus seeks applicants for two tenure-track positions, one at the Assistant, and the other at the Assistant or Associate Professor level. Candidates whose research uses simple model systems to understand fundamental problems in neuroscience, or those who focus on the relationship between neural plasticity and the environment will receive highest consideration, although all fields of quality neuroscience research are encouraged to apply. The candidate should have a doctoral degree, a minimum of two years postdoctoral training, research productivity commensurate with experience and demonstrate commitment to developing an independent research program. Both positions will be housed at the Institute of Neurobiology: one is a full-time research position that carries no teaching obligations, and the other will be affiliated with the Dept. of Anatomy and Neurobiology at the University of Puerto Rico’s Medical Sciences Campus. Neuroscience has been targeted by UPR as a special area of growth, and this is reflected in both infrastructure investment and faculty hiring. The successful candidates will receive competitive start-up packages and laboratory space in the heart of historic Old San Juan. In a gesture that is both symbolic and substantive, the newly enacted Law 101 of the Commonwealth of Puerto Rico gives investigators with competitive U.S. funding substantial tax breaks on their personal income.

Send curriculum vitae, a description of research interests, the names and contact information of three referees, and reprints of two significant recent publications to: Dr. Joshua Rosenthal, Search Committee, Institute of Neurobiology, 201 Boulevard del Valle, San Juan, PR 00901. In order to receive full consideration, applications should be received by January 15, 2010.

For more information please contact Dr. Joshua Rosenthal at joshua.rosenthal@upr.edu.

UPR-MSC is an Equal Employment Opportunity Employer M/W/H.

Department of Biochemistry and Biophysics

The Department of Biochemistry and Biophysics at Texas A&M University (http://biochemistry.tamu.edu) invites applications for tenure-track faculty positions in an open search with an emphasis on areas related to metabolomics, chemical genetics and drug discovery. Faculty rank is open and applications from candidates at all levels are encouraged. In addition to establishing vigorous independent research programs, the successful candidates will fully participate in our undergraduate and graduate educational programs.

Candidates should submit a curriculum vitae, up to three reprints, a description of research plans of up to three pages, and arrange for three professional reference letters to be submitted. All documents can be submitted electronically to tamu@biochemistry.tamu.edu or in paper form to:

Biochemistry Search Committee
Texas A&M University
Department of Biochemistry and Biophysics
2128 TAMU
College Station, TX 77843-2128

Review of applicants will begin January 15, 2010 and will continue until the positions are filled.

Texas A&M University is an Equal Opportunity/Affirmative Action Employer that is committed to improving diversity.

ECOLOGIST - Vassar College

The Department of Biology at Vassar College invites applications for a tenure-track faculty position at the level of assistant professor beginning Fall 2010. We seek an ecologist whose research and teaching interests may include but need not be limited to ecosystems and computational or quantitative ecology. Candidates should demonstrate the ability to integrate across several levels of biological organization in their teaching and research. The successful candidate is expected to develop an upper-level course in his/her specialty as well as teach at the intermediate and introductory levels. The College has a rich tradition of multidisciplinary and interdepartmental teaching, and we encourage the successful candidate to participate in programs such as Environmental Studies. Development of a productive research program with student participation is expected, and start-up funding and personal laboratory space are provided. A Ph.D. is required and postdoctoral experience is preferred. Applicants should submit a curriculum vitae, representative reprints, a statement of research interests and goals, a statement of teaching interests and philosophy, and three letters of reference. To apply visit http://deanofthefaculty.vassar.edu/positions/. For information on Vassar’s Biology Department visit http://biology.vassar.edu/. Consideration of applications will begin on January 18, 2010.

Vassar College is an Equal Opportunity/Affirmative Action Employer and is strongly and actively committed to diversity within its community. Applications from members of historically underrepresented groups are especially encouraged.

University of Wyoming

GRADUATE EDUCATION IN NEUROSCIENCE

Obtaining a Masters or Doctoral degree in Neuroscience from the University of Wyoming offers a uniquely personalized approach to mentoring students, breadth of research activities from molecular mechanisms to preclinical studies, and a means of assuring student professional success after matriculation.

This is made possible by the qualified faculty and the low student to faculty ratio, funding availabilities, and physical proximity of participating faculty, laboratories, and shared instrumentation. The Neuroscience Program offers graduate training in multiple areas:

- Neurodegeneration and neuropathology
- Neuroendocrinology
- Neurropharmacogenomics
- Sensory neurophysiology
- Behavioral neuroscience
- Biomimetic machine vision
- Neural development and neurogenesis

Students have access to an outstanding Microscopy Facility and a Macromolecular Core Facility. The program is an integral partner in the Front Range Neuroscience Group, a thriving chapter of the Society of Neuroscience.

To apply online or learn more, visit neuroscience.uwyo.edu or email neuroscience@uwyo.edu

The University is a Carnegie Foundation Research/Doctoral Extensive Institution, and is an AA/EEO employer.
THE 2010 LOUISA GROSS HORWITZ PRIZE FOR BIOLOGY OR BIOCHEMISTRY

The Louisa Gross Horwitz Prize was established under the will of the late S. Gross Horwitz through a bequest to Columbia University and is named to honor the donor’s mother. Louisa Gross Horwitz was the daughter of Dr. Samuel David Gross (1805-1889), a prominent surgeon of Philadelphia and author of the outstanding Systems of Surgery who served as President of the American Medical Association.

Each year since its inception in 1967, the Louisa Gross Horwitz Prize has been awarded by Columbia University for outstanding basic research in the fields of biology or biochemistry. The purpose of this award is to honor a scientific investigator or group of investigators whose contributions to knowledge in either of these fields are deemed worthy of special recognition.

The Prize consists of an honorarium and a citation which are awarded at a special presentation event. Unless otherwise recommended by the Prize Committee, the Prize is awarded annually. Dr. Victor Ambros, University of Massachusetts Medical School, Worcester, MA, and Dr. Gary Ruvkun, Harvard Medical School, Boston, MA, were the 2009 awardees.

QUALIFICATIONS FOR THE AWARD

The Prize Committee recognizes no geographical limitations. The Prize may be awarded to an individual or a group. When the Prize is awarded to a group, the honorarium will be divided among the recipients, but each member will receive a citation. Preference will be given to work done in the recent past.

Nominations must be submitted electronically at: http://www.cumc.columbia.edu/horwitz/

Nominations should include:
1) A summary, preferably less than 500 words, of the research on which this nomination is based.
2) A summary, preferably less than 500 words, of the significance of this research in the fields of biology or biochemistry
3) A brief biographical sketch of the nominee, including positions held and awards received by the nominee
4) A listing of up to ten of the nominee's most significant publications relating to the research noted under item 1.
5) A copy of the nominee's curriculum vitae.

Deadline date: January 31, 2010

COURSE

DREW UNIVERSITY
Residential School on Medicinal Chemistry: Biology & Chemistry of Drug Discovery
Madison, New Jersey – June 7-11, 2010

The Residential School on Medicinal Chemistry is a weeklong graduate level course organized to provide an accelerated program for medicinal chemists, biologists and other industrial and academic scientists who wish to broaden their knowledge of small molecule drug discovery and development. The School’s aim is to concentrate on the fundamentals that are useful in drug discovery spanning initial target validation through clinical development. Several case histories of recent successful drug development programs will also be presented.

The five-day program consists of lectures, seminars, case histories and discussions covering the following topics:
• Target Validation
• Receptor Binding Assays
• Enzyme Inhibition
• Ion Channel Drugs
• G-protein Coupled Receptors
• Kinase Inhibitors
• Lead Discovery & Modification
• Structure-based Drug Design
• Molecular Modeling
• Drug-like Properties
• Plasma Protein Binding
• Pharmacokinetics
• Drug Metabolism
• Preclinical Toxicology
• Clinical Development
• Drug Discovery Strategies

William Greenlee, Vincent Gullo and Kenneth Thomas, Co-organizers

For CLE and CME information and to register, visit www.law.asu.edu/personalizedmedicine2010. To become a conference supporter, call 480.965.2465.

VENUE:
March 8-9, 2010
Arizona Biltmore | Phoenix, Arizona

personalized medicine in the clinic:
policy, legal, and ethical implications

This national conference with top experts will examine the impact of personalized medicine on the delivery of healthcare in the future. Conference highlights:

patient rights
medical privacy and confidentiality
ethics
individualized medical care
economics
liability issues for physicians

For more information and application forms contact:
resmed@drew.edu
Phone: 973/408-3787; Fax: 973/408-3504

www.drew.edu/depts/resmed.aspx
The Division of Cardiovascular Medicine invites applications for a tenure-track faculty position. We seek top candidates using cutting-edge approaches in the broad area of basic cell and developmental biology of the cardiovascular system to fill a position at the rank of ASSISTANT, ASSOCIATE or FULL PROFESSOR. The successful candidate will receive a substantial startup package commensurate with the career stage of the appointee and will be housed in newly constructed/renovated facilities. The appointee will also benefit from a broad array of state-of-the-art core facilities, active graduate and postdoctoral programs, as well as the interdisciplinary and interactive environment of Vanderbilt University. Complete applications should include curriculum vitae, a brief statement of future research plans, and three letters of recommendation, solicited by the applicant. Deadline for receipt of full application materials is February 1, 2010. Address all inquiries and materials to:

Dr. David Bader
Chair Faculty Search Committee
Division of Cardiovascular Medicine
346 Preston Research Building
2220 Pierce Avenue
Nashville, TN 37232-6300 U.S.A.
E-mail: david.bader@vanderbilt.edu

Vanderbilt University is an Equal Opportunity/Affirmative Action Employer. Applications from women and people from diverse racial, ethnic, and cultural backgrounds are encouraged.

STANFORD UNIVERSITY SCHOOL OF MEDICINE, Department of Microbiology and Immunology invites applications for a tenure-track faculty position at the ASSISTANT PROFESSOR level. We are looking for highly interactive candidates with an outstanding record of research achievement in the area of innate or acquired immunity, virology, or parasitology with an emphasis on the molecular mechanisms of pathogenesis. The predominant criteria for appointment in the University tenure track are a major commitment to research and teaching. The Department of Microbiology and Immunology (website: http://microimmuno.stanford.edu) is a collegial, interactive, and interdisciplinary environment that spans research areas of bacteriology, virology, parasitology, and immunology. Current faculty use a variety of classical and modern approaches to study aspects of host-microbe interactions. Applicants are expected to establish a vigorous and innovative research program that complements and extends the current research of the Department. Responsibilities will also include teaching graduate, undergraduate, and medical students.

Interested applicants should submit curriculum vitae, a statement of research objectives, and a statement of teaching preferences. Please arrange for three letters of reference to be sent directly to:

Peter Sarnow, Ph.D.
c/o Mayumi Beppu
Department of Microbiology and Immunology
Stanford University School of Medicine
Fairchild Science Building
299 Campus Drive, D338c
Stanford, CA 94305-5124

Applications will be accepted until January 15, 2010.

The Henry M. Jackson Foundation (HJF) is seeking two senior staff IMMUNOLOGISTS to support the Enteric Diseases Department, Naval Medical Research Center, Silver Spring, Maryland. Must have expertise in bacterial vaccinology and mucosal immunology. The Department serves as a central research hub for the development of bacterial enteric vaccines within the U.S. Military Infectious Diseases Research Program. Will serve as principal investigators in the discovery and development of innovative vaccines against diarrheagenic E. coli (ETEC) and Campylobacter jejuni in intramural programs led by Drs. Stephen Savarino and Patricia Guerry. Will directly supervise research groups to evaluate novel vaccine candidates in small animals, develop assays to assess immune responses and explore protective immunity, and provide immunology support in early clinical phase vaccine trials. Will pursue independent investigations, collaborations, and outside funding opportunities to study basic aspects of immunology of ETEC or C. jejuni. Must have a Ph.D. in immunology, microbiology, or related field with three to five years of relevant postdoctoral research experience including assessment of immune responses to mucosal pathogens, a strong understanding of vaccine design, and successful asset development. Please apply online at website: http://www.hjf.org/careers. Click Advanced Search and enter job number 204937 in the Job Opening ID box. Or transmit your resume to fax: 240-314-7334. Please specify title and job number on fax.

Science Careers
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