The Sunnybrook Research Institute invites applications for a scientist position as a CHEMIST with specific interests in developing targeted contrast and imaging agents. The successful candidate will build or relocate a research program focusing on applications of these imaging agents to basic and clinical research. Experience in the field of molecular imaging with a focus on molecular imaging chemistry is a prerequisite. Responsibilities include developing and testing multimodal targeted imaging probes applicable to optical, nuclear, ultrasound microbubble, and magnetic resonance imaging (MRI).

The candidate will join the Discipline of Imaging Research which is currently comprised of 18 faculty and 180 staff/trainees in a state-of-the-art research facility housing 1.5 and 3T research-dedicated GE MRI systems, augmented with custom insert gradient coil for preclinical work and an Oxford HyperSense polarizer for 13C work, as well as a combined GE X-ray/MRI system dedicated to research on image-guided interventions. An additional research 3T Philips system will be installed within the next year. The Discipline has a micro-PET, a 7T micro MRI, and a new dual-photon microscope for in vivo microscopic imaging and internationally competitive faculty and support staff with expertise in ultrasound and X-ray imaging. Several investigators focus their efforts on the utilization of microbubble and nanoparticle contrast/therapeutic agents. Finally, the Research Institute is finalizing plans for the installation of a cyclotron and accompanying radiopharmaceutical laboratory for radiotracer research and clinical use. Emphasis will be placed on developing solid biophysical approaches with applications to cancer, cardiology, neurosciences, trauma, and musculoskeletal disorders.

The successful candidate will hold an academic rank, commensurate with experience, in the Department of Medical Biophysics or other cognate departments at the University of Toronto. He or she will build and maintain an internationally competitive research program, foster local and international collaborations, and participate in graduate training and postgraduate training.

Applicants should submit a covering letter describing current research interests and future research goals, complete curriculum vitae, relevant reprints, and the names of three potential references to:

Janet Binding
For Kullervo Hynynen, Ph.D.
Director, Imaging Research
Sunnybrook Health Sciences Centre
2075 Bayview Avenue
Toronto, Ontario M4N 3M5
E-mail: janet.binding@sunnybrook.ca

Deadline for application: June 13, 2008.

We thank all applicants for their interest but only candidates shortlisted for interview will be contacted.

In keeping with Sunnybrook’s Valuing Diversity Initiative, applications from all qualified persons are encouraged. In accordance with Canadian immigration requirements, this advertisement is posted initially to Canadian citizens and permanent residents.

**POSTDOCTORAL POSITION** is available in drug development for peripheral neuropathies and nerve regeneration. The project requires experience in primary neuronal cultures and assay development. Background in medicinal chemistry is desired. A highly motivated postdoctoral researcher will interface with the Johns Hopkins University High Throughput Screening Center and develop new approaches to drug screening. The Laboratory of Dr. Ahmet Hoke is in the Department of Anesthesiology and is part of the Peripheral Nervous System Regeneration Group within the newly established Brain Sciences Institute at Johns Hopkins University.

Please send curriculum vitae and three references to e-mail: ahoke@jhmi.edu.
Senior Research Fellowships in Basic Biomedical Science 2008/2009

Senior Research Fellowships in Basic Biomedical Science provide support for outstanding postdoctoral scientists based in academic institutions in the UK and Republic of Ireland.

Candidates are expected to have an excellent track record in their scientific field and be able to demonstrate their ability to carry out independent research.

The Fellowship provides five years of full salary support and research costs in the first instance and is potentially renewable.

Candidates should normally have between five and ten years’ postdoctoral research experience.

The scheme provides support for research across the Wellcome Trust’s scientific remit, from laboratory-based basic research to clinical, population and public health studies.

Further information and preliminary application forms are available at www.wellcome.ac.uk/uksrf/science

Preliminary applications must be received by 9 June 2008.

Full applications will be invited by 5 July 2008.

International Senior Research Fellowships in Biomedical Science 2008/2009

International Senior Research Fellowships provide support for outstanding researchers, either medically or scientifically qualified, who wish to establish an independent career in a Croatian, Czech, Estonian, Hungarian, Polish, Slovakian, Slovenian or Indian academic institution.

Candidates are expected to have a substantial track record in their chosen area of research and have between five and ten years’ experience at either postdoctoral level or clinical equivalent. Applications are particularly encouraged from researchers working outside their own countries who wish to return home.

The Fellowship provides five years of full salary support and research costs.

The scheme provides support for research across the Wellcome Trust’s scientific remit, from laboratory-based basic research to clinical, population and public health studies.

Further information and preliminary application forms are available at www.wellcome.ac.uk/isrf/science

Preliminary applications must be received by 9 June 2008.

Full applications will be invited by 5 July 2008.

The Wellcome Trust is the largest charity in the UK. It funds innovative biomedical research, in the UK and internationally, spending around £650 million each year to support the brightest scientists with the best ideas. The Wellcome Trust supports public debate about biomedical research and its impact on health and wellbeing.
Tenure Track/Tenure Investigator Positions in Systems Immunology and Infectious Disease Modeling

The National Institute of Allergy and Infectious Diseases (NIAID), Division of Intramural Research (DIR) is seeking several outstanding individuals for its new Program in Systems Immunology and Infectious Disease Modeling (PSIIM).

Modern technology allows the analysis of immune responses and host-pathogen interactions at multiple levels - from intracellular signaling networks, to individual cell behavior, to the functioning of a tissue, organ, and even the whole organism. The challenge is not only to collect the large amounts of data, but also to organize it in a manner that enhances our understanding of how the immune system operates or how pathogens affect their hosts. To do this, it is necessary to develop detailed quantitative models that can be used to predict the behavior of a complex biological system. These models can help explain the mechanisms underlying physiological and pathological responses to infection or vaccination, which can then be employed to design better therapies or vaccines.

Achieving these goals requires an interdisciplinary effort and for this reason the PSIIM is organized as an integrated team of scientists and support staff. Within the PSIIM, there will be groups with expertise in the areas of computational biology, bioinformatics, proteomics, genomics, cell biology, immunology, and infectious diseases. These teams will have access to the latest technology for gene expression profiling, high content screening of RNAi libraries for the discovery of pathway components, imaging tools, genomic and proteomic analysis, cores for the genetic manipulation of animals, and a substantial computer infrastructure. They will also have access to BSL3 facilities for working with infectious agents of high priority for human health and biodefense. Although the PSIIM has been established within NIAID and has an immune / infectious disease focus, it is also expected to play a major role in fostering the growth of systems biology efforts throughout the NIH and involving diverse biomedical areas.

Current teams in the PSIIM include Immunology, Computational Biology – Modeling and Simulation, and Molecular / Cell Biology – High-throughput screening. The PSIIM is now recruiting for tenure-track or tenure-level team leader appointments in the following areas:

**Bioinformatics / Biostatistics:** the incumbent will lead a group focused on developing and implementing computational tools and statistical methods for the analysis of genomic and proteomic data. The ideal candidate will have a strong background in statistics, mathematics, programming, and modeling biological systems as well as a strong interest in collaboration with biologists for the elucidation of biological mechanisms. The group will include expertise in software development (C++, Java, Perl, SQL etc.), knowledge of bioinformatic tools, databases and algorithms, and experience with heterogeneous computer environments (UNIX, Windows, Mac).

**Proteomics:** the incumbent will lead a group involved in the development and application of new methods for the determination of protein number, binding affinities, post-translational modification, and other qualitative and quantitative aspects of protein expression and behavior that are necessary for computer modeling and simulation. Tools such as mass spectrometry and microfluidic-based multiplexed binding assays are expected to be key elements in the efforts of this group. A strong background in protein biochemistry and the relevant instrumentation needed for high-throughput, high-sensitivity analysis is required.

**Genomics:** the incumbent will be responsible for developing novel approaches to the systems-wide analysis of such issues as transcription factor and epigenetic control of gene expression, the effects of allelic polymorphism on gene expression and function, quantitative measurement of gene expression, and the role of non-coding regions and transcripts such as miRNAs in regulating gene/gene product expression patterns. Knowledge of modern methods in high-throughput analysis of gene transcription, transcription factor binding site identification, analysis of epigenetic modifications, and analysis of gene regulatory circuits is required; bioinformatic experience is desirable.

These positions and the research activities they conduct are fully funded by the intramural research program of NIAID. Each team leader is expected to build a working group consisting of postdoctoral fellows, students, technicians, and staff scientists. The team leaders will work with the Program Director to help set the goals for the PSIIM and to determine how best to reach these goals as an integrated group. To ensure appropriate career trajectories for those joining the PSIIM team effort, the NIH has modified its tenure policies to take specific account of contributions made in such a team science setting. Applicants should be seeking a difficult challenge in which creativity, technical expertise, and a strong desire to achieve in a team setting will be critical for success.

Interested candidates may contact Dr. Ronald Germain, Program Director, PSIIM, DIR, NIAID at (301) 496-1904 or email (rgermain@niaid.nih.gov) for additional information about these positions.

To apply, submit your curriculum vitae, bibliography, and a detailed statement of how your expertise can contribute to the success of the PSIIM program, to Wanda Jackson at NIAID.DIR.Search@niaid.nih.gov. In addition, three letters of reference must be sent directly from your three referees to Dr. Robert Hohman, Chair, NIAID Search Committee, c/o Wanda Jackson at NIAID.DIR/Search@niaid.nih.gov or 10 Center Drive, MSC 1356, Building 10, Room 4A22, Bethesda, Maryland 20892-1356. Email is preferred. Completed applications MUST be received by Friday, May 23rd. Please refer to ad #019 for bioinformatics/biostatistics, #020 for proteomics, and #021 for genomics on all correspondence.

Further information regarding the DIR laboratories is available at: http://www3.niaid.nih.gov/about/organization/dir/default.htm and information on working at NIAID is available on our website at: http://healthresearch.niaid.nih.gov

For more information about the NIAID systems biology program, please visit http://www.nigms.nih.gov/Intramural/fund/2006/06.09.01/page1.html
The National Eye Institute (NEI), National Institutes of Health (NIH) in Bethesda, Maryland, is seeking exceptional candidates for the position of Health Scientist Administrator in the Division of Extramural Research. The Division coordinates all aspects of the NEI extramural research grants and contracts program. The position advertised is for a Program Director in the Retinal Diseases Program. The Program supports clinical and laboratory research on diabetic retinopathy, sickle cell retinopathy, and other vascular abnormalities of the retina; inflammatory diseases of the retina; retinoblastoma; retinitis pigmentosa and other inherited retinal degenerations; macular degeneration; and retinal detachment and vitreal disorders. Future directions for this program are expected to employ promising new technologies and collaborations with new disciplines, such as bioengineering, which hold great promise for understanding retinal diseases.

The incumbent will direct and oversee the administration of a research grant portfolio in the field of retinal diseases. This includes developing, managing, administering, and evaluating a comprehensive program of grants; advising NEI senior staff regarding both the scientific and administrative matters affecting the retinal diseases research portfolio; representing NEI in broader NIH extramural matters; coordinating program planning and evaluation activities; and providing reports and statistics related to the Retinal Diseases Program.

This is a career Federal position. The salary range is $69,764 – $127,442 per annum, commensurate with qualifications and professional experience. A full benefits package is available, which includes retirement, Thrift Savings Plan participation, health, life, and long-term care insurance.

Applications will be accepted through 05/23/2008. The complete vacancy announcement, along with mandatory qualifications and application procedures, can be obtained via the USAJOBS website at http://www.usajobs.com. Please refer to announcement number NEI-08-240055-DE. For questions, please contact Ms. Thomascene White at (301) 435-5713 or whitet1@od.nih.gov. Applications and supporting documentation must be received by close of business, 05/23/2008.
DEPARTMENT OF BIOLOGY

Chair, Lecturer & Teaching Fellow in Evolutionary Biology and Ecology

As part of a major development in the Department of Biology at the University of York, we are seeking to appoint a Professor, a Lecturer and a Teaching Fellow at the interface between Evolutionary Biology and Ecology. At least two further appointments will be made within the next two years. York was top in the UK for citations per research paper published between 2001 and 2005 in the field of Plant and Animal Science (Thomson Scientific UK), and represents a thriving, interdisciplinary research community across all major areas of modern Biology.

Chair (REF: A08128)

We are seeking an outstanding and dynamic scientist, with an international track record, to provide academic leadership in research and teaching. You will be highly-motivated and address fundamental questions in a relevant area, such as adaptation to environmental change, conservation genetics, phyleogeography and any aspect of population genetics or environmental genomics.

Lecturer (REF: A08129)

You should be ambitious and have a proven track record of high-quality research. You will be expected to develop an independent research programme of international standing and develop teaching in the same field.

Teaching Fellow (REF: T08130)

We are seeking a Fellow for a fixed-term appointment of two years to contribute to undergraduate and Masters-level teaching in population and conservation genetics and evolutionary biology.

Salary scales will be: Professor (minimum £52,372 pa), Lecturer (Grade 7, £33,780 - £41,545 pa), Teaching Fellow (Grade 6, £27,446 - £33,780 pa), depending upon experience.

Informal enquiries may be made to Professor Chris Thomas (cdt2@york.ac.uk; 01904 328646), Professor Peter Young (jpy1@york.ac.uk; 01904 328630) or to the Head of Department (Professor Dale Sanders, biohod@york.ac.uk; 01904 328555).

For further particulars and details of how to apply, please see our website at: http://www.york.ac.uk/admin/person/jobs/ or write to HR Services, University of York, Heslington, York YO10 5DD, quoting the appropriate reference number.

Closing date for Chair and Lecturer applications: 12.00 noon on Thursday 22 May 2008.

Closing date for Teaching Fellow applications: 12.00 noon on Thursday 15 May 2008.

The University of York is committed to diversity and has policies and developmental programmes in place to promote equality of opportunity.

www.york.ac.uk

FACULTY POSITION
Department of Molecular Pharmacology

The Molecular Pharmacology Department at St. Jude Children’s Research Hospital has an opening for a faculty member at the Assistant/Associate Member level. Molecular Pharmacology is a highly interactive basic science department with interests in signal transduction, cell cycle regulation, tumor progression, chromosome segregation, topoisomerases and both non-mammalian and mammalian model systems to investigate molecular therapeutics. Opportunities are available for collaboration with other basic science departments in the areas of biochemistry, chemical biology, genetics, structural biology, tumor cell biology, immunology, and developmental neurobiology, and with clinical programs involved in the treatment of solid tumors and hematological malignancies.

For the assistant level, outstanding candidates with post-doctoral research experience are sought with an interest in developing an innovative and competitive research program, while candidates at the Associate Member level should have a distinguished research program supported by peer-reviewed grants. Applicants with experience in any area relevant to cancer treatment will be considered; candidates with interests in the fields of molecular mechanisms of epigenetic regulation, molecularly targeted therapeutics, the identification of novel anti-cancer drug targets, or development of model systems relevant to childhood cancer are especially encouraged to apply.

A generous start-up package is available for an outstanding candidate with state-of-the-art core facilities provided through an NCI-funded Cancer Center. St. Jude Children’s Research Hospital was founded by Danny Thomas, and continues to receive support for research and clinical programs through the fundraising efforts of the American Lebanese Syrian Associated Charities (ALASAC). More information on St. Jude Children’s Research Hospital, the department and faculty can be obtained at www.stjude.org.

Interested applicants should submit a curriculum vitae, brief statement of research interests and contact information for professional references at:

http://www.stjude.org/molecularpharmacologyrecruitment

St. Jude is an Equal Opportunity Employer and a Drug-Free Workplace. Candidates receiving offers of employment will be subject to pre-employment drug testing and background checks.

DEPARTMENT OF THE NAVY
Science & Technology

Program Officer, Coastal Geosciences

The Office of Naval Research is seeking a qualified individual to manage sponsored basic/applied research, and advanced development programs and projects in the broad area of coastal geosciences. The sponsored efforts are conducted principally at U.S. universities and industry or Federal laboratories. This is a Federal Civil Service position at the GS-13/14/15 level ($82,961 – $149,000) depending on individual qualifications, and geographic location. The position is subject to flexibility in its location.

The position requires knowledge and experience in the fundamental theories, concepts, and current state-of-the art research and/or technology development in the area of coastal geosciences, including but not limited to, riverine and estuarine dynamics, sediment transport mechanics, nearshore wave mechanics and circulation, coastal geophysics, geoacoustics and geology, coastal and terrestrial remote sensing, and development of technologies for in situ and remote sensing of the coastal and terrestrial environments.

Resumes should be submitted to hrdeptjobs@onr.navy.mil with “Program Officer Coastal Geosciences” annotated in the subject line. For additional information please visit our website at http://www.onr.navy.mil/sci_tech/32/.

U.S. CITIZENSHIP REQUIRED • AN EQUAL OPPORTUNITY EMPLOYER
FACULTY POSITIONS
Department of Molecular Genetics

The Department of Molecular Genetics (http://www.lerner.ccf.org/molgen/) at the Cleveland Clinic Lerner Research Institute invites applications for faculty positions, at ranks specified below. We are seeking scientists with a record of accomplishment in molecular genetics with a preference for the following three areas.

Viral Pathogenesis - Senior and junior scientists interested in the molecular aspects of pathogenesis by a clinically important virus. The recruits will join the Section of Virology in the department, with laboratory space close to BSL3 facilities. The ideal candidates will take advantage of the strong immunology research in this and other departments of the Lerner Research Institute.

Molecular basis of a chronic disease - The goal is to recruit a senior researcher with an opportunity to lead the recruitment of additional junior faculty members. The ideal candidate should be an M.D./Ph.D. or an M.D. who uses sophisticated molecular genetic approaches to study major chronic diseases; examples include Diabetes and Aging-related disorders.

MicroRNA - We would like to recruit a faculty member whose research interest focuses on the regulation of biosynthesis of microRNAs and/or their mechanisms of action. This individual should be enthusiastic about interacting with other scientists who are studying the roles of microRNAs in specific diseases. There is opportunity to interact with many members of the local RNA community, including those at the highly regarded RNA Center of Case Medical School.

Candidates should send an application electronically, stating their specific research interests, curriculum vitae, research plans and the names of three references to: Ganes C. Sen, Ph.D., Chair, Department of Molecular Genetics, E-mail: moleculargenetics@ccf.org.

The Lerner Research Institute, which is among the top 10 in National Institutes of Health funding among research institutes in the United States, is home to more than 150 laboratories involved in a wide range of basic and translational investigations in the life sciences. Well-equipped, subsidized core facilities support the research effort. Institute faculty enjoy generous salary support as well as bridge funding in the event of temporary loss of grant support. All Institute faculty are also members in the Department of Molecular Medicine at Case Western Reserve University and are eligible to supervise graduate and medical students.

The Cleveland Clinic is located near University Circle, five miles east of downtown Cleveland. This area is Cleveland’s cultural, medical and educational center. Medical research in institutions located here places Cleveland as one of the major medical research environments in the country. Also located nearby are several outstanding museums and Severance Hall, home of the Cleveland Orchestra.

Cleveland Clinic is an Equal Opportunity/Affirmative Action Employer.
Chair
Department of Anatomy & Cell Biology

The University of North Dakota School of Medicine and Health Sciences invites applications and nominations for the position of Chair of the Department of Anatomy & Cell Biology. We seek an outstanding scientist with a strong research record, including extramural support, and a commitment to excellence in teaching undergraduate, graduate and professional medical and allied health education. The applicant should possess interpersonal and leadership skills in mentoring faculty, directing students and performing administrative duties. The candidate must hold a Ph.D., M.D. or equivalent degree in anatomy, cell biology, or a related discipline.

The Chair will oversee a department whose current active research interests include neurosciences, cell and cancer biology. The department offers M.S., Ph.D., and M.D./Ph.D. degrees and numerous traditional anatomical courses at the graduate level, instructs first and second year medical students, and provides undergraduate courses to allied health and non-majors. Further information is available at: http://www.med.und.nodak.edu/searches/ and http://www.med.und.nodak.edu/depts/anatomy/

Review of applications will begin June 1, 2008 and the search will remain open until the position is filled. Applicants should submit a detailed curriculum vitae, a letter of interest outlining prior experience, research interests, teaching philosophy, plans for the future and the names and addresses of three references electronically to judysolberg@medicine.nodak.edu or via mail to:

The University of North Dakota
School of Medicine & Health Sciences

www.med.und.edu

The University of North Dakota is an Equal Opportunity/Affirmative Action Employer

The Institute of Biology and Environmental Sciences at the Faculty of Mathematics and Natural Sciences invites applications for a tenured faculty position to further develop hearing sciences within the Lower Saxonian „Centre for Hearing Research“. The following position can immediately be filled:

Professor of Cochlea/
Brainstem Physiology (W2)

We seek outstanding candidates with an established research program in auditory physiology on the cellular or systemic level. The successful applicant will have an international reputation and a record of external funding. We are particularly interested in applicants focusing on the mammalian auditory system. Research participation within the DFG-funded transregional collaborative research centre SFB/TRR 31 „The Active Auditory System“ and contributions to the International Graduate School „Neurosensory Science, Systems and Applications“ are desired.

The successful applicant will teach courses in the BSc and MSc program in „biology“, in the MSc program „Audiology and Hearing Technology“ and in the PhD program in „Neurosensory Science and Systems“. A reduced teaching load until the end of 2012 allows developing a strong research program.

Qualifications are specified in §25 NHG. Since the Universities of Bremen and Oldenburg have concluded a cooperation agreement, active contributions to this cooperation are desirable. The Carl von Ossietzky University of Oldenburg is an equal opportunity/affirmative action employer. In order to increase the percentage of female faculty members, female candidates with equal qualification will be given preference. Applicants with disabilities will be preferentially considered in case of equal qualification.

Applications including the usual documents (curriculum vitae, list of publications, certificates, diplomas, and list of previous teaching activities) should be sent by 31 May 2008 to the Carl von Ossietzky Universität, Director of the Institute of Biology and Environmental Sciences, Faculty V, D-26111 Oldenburg.
The University of California, Berkeley, seeks applicants at both the senior and junior levels for three tenured / tenure-track faculty positions in the general area of microbial metabolic engineering, to be held in the Department of Bioengineering within the College of Engineering, and in the Department of Chemical Engineering within the College of Chemistry.

These positions represent an exciting opportunity to develop a fully funded program in biofuels research within the Energy Biosciences Institute (http://www.energybiosciencesinstitute.org). Of particular interest are individuals whose research includes metabolic engineering and synthetic biology; however, creative and energetic individuals who show extraordinary promise or accomplishment in areas relevant to EBI will be considered. Applicants must have a Ph.D. and evidence of outstanding scholarship within a relevant discipline. Start-up and research funds will be provided by EBI.

To apply, please send a curriculum vitae, detailed statements of research and teaching interests, and names and addresses of at least three references to ebi-search@berkeley.edu or to

Chair, EBI Search Committee
Department of Bioengineering
306 Stanley Hall
University of California
Berkeley, CA 94720-1762

Refer potential reviewers to the UC Berkeley Statement of Confidentiality found at: http://apo.chance.berkeley.edu/eval1it.html

Applications will be accepted until June 1, 2008.

The University of California is an equal opportunity, affirmative action employer.
Post-Doctoral Fellows

We have immediate openings for qualified and highly motivated researchers to pursue post-doctoral training. GIS provides a rich academic environment for post-docs to engage in research that applies cutting-edge technologies in genomics, genetics, proteomics, and bioinformatics to address questions in the biology of stem cells, cancer, and immunity. Post-doctoral fellows receive internationally competitive funding and travel allowances to attend scientific conferences. Current openings are described below. Please visit our website www.gis.a-star.edu.sg for a complete listing of our faculty and exciting areas of research. A PhD degree and a strong record of research excellence are required.

Stem Cell and Developmental Biology: A postdoctoral position is available to work on identifying factors that specify hematopoietic stem cells (HSCs). This work involves performing a transcriptome analysis on various mouse embryonic-derived cell populations. Genes identified will be studied by a variety of approaches: overexpression during ES cell differentiation, knockout mouse analysis and cloning zebrafish homologs to analyze function using knockdown morpholinos. A strong interest in developmental biology and expertise in a broad range of cell biology and biochemical techniques (tissue culture, PCR, purification of DNA, RNA, flow cytometry etc.) is highly desirable.

Computational Genomics (Stem Cells and Human Development): A postdoctoral position is available to work on statistically deciphering transcriptional networks encoded in the human genome using data mining and novel algorithms that combine genome sequence information with proprietary high-throughput functional data. Work will frequently involve interaction with experimental researchers. Specific projects include computationally mapping the regulatory networks of stem cells and unearthing the elusive genomic DNA sequences that set humans apart from chimpanzees and other great apes. Ideal candidates will have a PhD in a quantitative field, experience in programming, data analysis and algorithm development and the potential to lead multidisciplinary projects.

Cancer Genomics: You will work in a multidisciplinary environment of molecular biology and bioinformatics to address fundamental cancer biology questions. You will develop and use comprehensive genomics approaches and the state-of-the-art DNA sequencing technologies to study cancer genome aberrations and their consequences in transcription regulation of cancer cells. This program is also funded by NCI. Ideal candidates should have strong molecular biology experiences and interests in cancer biology.

Human Genetics: A postdoctoral position is immediately available for a highly motivated individual to study the genetic basis of breast cancer. Using both hypothesis-driven and genome-wide approaches, we will identify common genetic variants that are important for breast cancer susceptibility and progression. The study is built on collaboration between GIS, the Karolinska Institute (Sweden) and the Helsinki University Central Hospital (Finland). The successful applicant will have a Ph.D. and a strong background in human genetics/statistical genetics/biostatistics. Prior working experience in breast cancer research is preferred, but not required. The applicant is expected to work independently and help train other junior staff.

Functional Genomics: A postdoctoral position is available in June to pursue functional studies of human genes associated with Parkinson’s disease genes using animal models such as zebrafish and mice. We are seeking a highly motivated individual with a PhD degree in neuroscience and solid training in biochemistry and molecular biology. Candidate must have hands-on experience in basic biochemistry and molecular biology techniques such as Western blot analysis, subcloning, nucleic acid extraction, PCR, RT-PCR, and immunostaining. Prior working experience with animal models is preferred. The candidate must be a team player and is also expected to work independently.

Systems Biology: Projects for qualified individuals are available to explore biology via a systems-based approach. You will mine our proprietary data sets from genomic and genetic studies to identify candidate genes that are involved in human disease. Computational approaches will drive the selection of disease genes, which will then be evaluated by experimental strategies you design. Experimental biologists with basic computational skills are encouraged to apply. Positions are also available for experienced bioinformaticists interested in gene expression networks, statistical genetics, and comparative genomics.

If you are interested in joining a highly talented research team situated in a unique location with a global vision, please forward a cover letter, curriculum vitae and a list of three references to:

Office of Research Affairs, Genome Institute of Singapore Genome, 60 Biopolis Street, #02-01, Singapore 138672
Email: gisrecruit@gis.a-star.edu.sg
(Only shortlisted candidates will be notified)
Faculty Position: Infectious Disease Epidemiologist, Program in Emerging Infectious Diseases, Singapore

The Duke-NUS Graduate Medical School Singapore (Duke-NUS GMS) is recruiting an infectious disease epidemiologist to develop an epidemiologic research program, and to coordinate building laboratory and epidemiologic capacity in selected countries of Southeast Asia for the purpose of developing more effective, early warning infectious disease surveillance. This senior scientist must have an international reputation and demonstrated ability to establish and lead a team of researchers. The program will concentrate on detection and transmission of diseases with epidemic potential (arboviruses, zoonotic and respiratory pathogens) and on novel pathogen discovery. Although the program will be based in Singapore, it will include other countries in the region, often in collaboration with other academic and non-academic partners. There will be opportunities for collaboration with the Duke Global Health Institute and other emerging diseases-related programs at Duke, and with the Asia-Pacific Institute of Tropical Medicine and Infectious Diseases at the University of Hawaii.

The successful candidate will have a doctorate in epidemiology or a medical degree in human or veterinary medicine supplemented with formal epidemiological training. He/she will have an outstanding history of scholarly achievement, grant funding, and mentoring. Strong interpersonal and leadership skills and the proven ability to work in a rapidly changing international and culturally diverse environment are key qualities required.

The Duke-NUS GMS is unique in bringing post-baccalaureate, research-intensive medical education to Asia, and represents a truly global partnership between two leading U.S. and Asian universities: Duke University and National University of Singapore. The Duke-NUS GMS shares a modern campus with Singapore’s largest hospital and several national research centers.

This faculty member will be based in Singapore and will be part of the senior management team in the new Emerging Infectious Diseases Program. He/she should be eligible for appointment as an Associate or full Professor at the Duke-NUS GMS. The position will include full salary, generous start-up support, and five years of annual research funding.

Interested candidates should send CV and the names of three references to Duane J Gubler, Sc.D., Director, Program in Emerging Infectious Diseases, Duke-NUS Graduate Medical School Singapore, by email to: faculty.epi@gms.edu.sg. The reference code “SINGA7673” should also be indicated in the application cover letter. The search will remain open until the position is filled. Visit the Duke-NUS GMS website at www.gms.edu.sg.
The Integrated Department of Immunology at National Jewish Medical and Research Center and the University of Colorado Denver School of Medicine invites applications for two faculty positions at the Assistant or Associate Professor level. The successful candidate will be expected to develop a competitive research program focused on the immune system. Although we encourage application by candidates in all areas, special consideration will be given to those interested in one of the following: respiratory immunology and infection; stem cell biology; and the application of imaging to studies of immunologic processes. Candidates should have a Ph.D. and/or M.D. degree and at least three years of post-doctoral experience. Please send your curriculum vitae and statement of research interests and arrange for three letters of reference to:

Dr. Philippa Marrack, Chair Search Committee
5th Floor, Goodman Building,
National Jewish Medical and Research Center
1400 Jackson Street
Denver, CO 80206
marrackp@njc.org

Review of applicants will begin immediately and continue until the positions are filled. National Jewish and the University of Colorado are equal opportunity employers.
Faculty Position: Infectious Disease Epidemiologist, Program in Emerging Infectious Diseases, Vietnam

The Duke-NUS Graduate Medical School Singapore (Duke-NUS GMS) is recruiting an infectious disease epidemiologist to coordinate a project on pathogen discovery, emerging infectious disease surveillance and epidemiologic research in Vietnam. The epidemiologist must have an international reputation and the demonstrated ability to establish and lead a team of researchers. The project is a joint effort between the National Institute of Hygiene and Epidemiology (NIHE) in Hanoi, the University of Hawaii and Duke-NUS GMS, and will concentrate on detection, identification and risk factors for transmission of diseases with epidemic potential (arboviruses, zoonotic and respiratory pathogens). There will be opportunities for collaboration with the Duke Global Institute and other emerging diseases-related programs at Duke, and with the Asia-Pacific Institute of Tropical Medicine and Infectious Diseases at the University of Hawaii.

The successful candidate will have a doctorate in epidemiology or a medical degree in human or veterinary medicine supplemented with formal epidemiological training. He/she will have an outstanding history of program development, scholarly achievement, and training. Strong interpersonal and leadership skills and the proven ability to work in a rapidly changing international and culturally diverse environment are key qualities required.

The Duke-NUS GMS is unique in bringing post-baccalaureate, research-intensive medical education to Asia, and represents a truly global partnership between two leading U.S. and Asian universities: Duke University and National University of Singapore. The Duke-NUS GMS shares a modern campus with Singapore’s largest hospital and several national research centers. The faculty member should be eligible for appointment as an Assistant or Associate Professor at the Duke-NUS GMS. Interested candidates should send CV and three references to Duane J Gubler, Sc.D, Director, Program in Emerging Infectious Diseases, Duke-NUS Graduate Medical School Singapore, by email to: faculty.epi@gms.edu.sg. The reference code “VIET626” should be indicated in the application cover letter. The search will remain open until the position is filled. Visit the Duke-NUS GMS website at www.gms.edu.sg.
**POSITIONS OPEN**

**Faculty Positions in the Departments of Molecular Therapeutics, Cancer Biology, Infectology and Metabolism and Aging**

The recently established Scripps Research Institute in Jupiter, Florida is seeking outstanding applicants for tenure level faculty positions in the Departments of Molecular Therapeutics, Cancer Biology, Infectology, and Metabolism and Aging. The Institute applies integrative molecular genetic, biochemical, biophysical and chemical biology approaches to elucidate cellular and molecular mechanisms associated with neurological disorders, cancer, infectious diseases, metabolic syndrome, aging, and neurodegeneration. These mechanisms are exploited for the design and testing of novel therapeutics.

The Departments are seeking highly qualified and interactive investigators who will bring and initiate creative programs that can take advantage of the unique high-throughput core facilities of The Scripps Research Institute, Florida, including genomics, proteomics, crystallography, informatics as well as cell-based screening and lead optimization for the development of unique research tools and novel therapeutics.

Appointments are available at the Associate and Full Professor levels in Molecular Therapeutics and Cancer Biology, and at all levels in the departments of Infectology and Metabolism and Aging. Scripps Florida offers very attractive startup packages, unique core services, and the outstanding intellectual environment of The Scripps Research Institute for fostering top-tier basic and translational research. In addition, through collaboration with the Max Planck Society, a Max Planck Institute with state-of-the-art bio-imaging capabilities is being established adjacent to The Scripps Research Institute in Florida.

Interested candidates should submit their Curriculum Vitae, a synopsis of their past research accomplishments, and of their current and proposed research programs, along with complete contact information for at least four professional references, to:

- Dr. Patrick R. Griffin, Chairman, Department of Molecular Therapeutics, c/o Mary Krosky
- Dr. John L. Cleveland, Chairman, Department of Cancer Biology, c/o Marika Kernick
- Dr. Charles Weissmann, Chairman, Department of Infectology, c/o Marilena Fernandez
- Dr. Roy G. Smith, Chairman, Department of Metabolism and Aging, c/o Ms. Kathleen Ryan

The Scripps Research Institute, Scripps Florida, 5353 Parkside Drive, RF-1, Jupiter, FL 33458

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**POSITIONS OPEN**

**Expansion in Emerging Pathogens Research**

The Department of Infectious Diseases and Pathology, College of Veterinary Medicine and the Emerging Pathogens Institute at the University of Florida are seeking to hire a mid-career scientist in a tenure-track position at the rank of Associate or Full Professor to lead research program expansion. Applicants should possess the PhD, DVM/PhD or equivalent degree(s) and have an outstanding international reputation as evidenced by publications in research journals. Primary responsibilities will be to build a competitive research program focused on the control of vector-borne infectious diseases including zoonoses and diseases affecting either humans or animals. The incumbent will participate in hiring a cluster of junior faculty to add depth and vigor to the program. Teaching may be at the professional, postdoctoral and graduate levels. The Department has excellent research facilities and programs in infectious disease and comparative immunology, and the Emerging Pathogens Institute at the University of Florida is a campus-wide program of excellence to study emerging pathogens.

Applicants should submit a letter outlining professional goals, a curriculum vitae, and a list of three references to:

Dr. Anthony F. Barbet
Department of Infectious Diseases and Pathology
College of Veterinary Medicine
P.O. Box 110880
University of Florida
Gainesville FL 32611-0880

Email inquiries are welcome (barbet@ufl.edu). The search committee will begin reviewing applications May 1, 2008. Applications will be accepted until May 30, 2008, or until an applicant pool has been established. The start date is flexible and negotiable.

*The University of Florida is an Equal Opportunity Employer.*

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**AWARDS**

**new award announcement:**

**DAMON RUNYON-RACHELLEF INNOVATION AWARD**

Securing funding for unproven ideas presents a major challenge for independent junior scientists. The Damon Runyon-Rachleff Innovation Award has been developed to help address this challenge by providing support for the next generation of exceptionally creative thinkers with “high risk/high reward” ideas. Research supported by this award must be novel, exceptionally creative and, if successful, have the strong potential to significantly impact our understanding of and/or approaches to cancer prevention, diagnosis or treatment. A maximum of 5 awards will be granted each year. The awards will provide $450,000 in direct costs over three years.

**PRE-PROPOSAL DEADLINE:**

June 2, 2008

**ELIGIBILITY AND APPLICATION GUIDELINES ARE AVAILABLE AT:**

WWW.DAMONRUNYON.ORG

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**PRIZES**

**BODOSSAKI FOUNDATION SCIENTIFIC PRIZES 2008**

The Bodossaki Foundation Scientific Prizes are to be conferred for the ninth year. These awards were established as part of the Foundation’s public benefit activities in the field of education. Their objective is to recognize and support the intellectual work of Greek scientists aged up to 40. The Foundation’s Board of Trustees is pleased to announce that the Bodossaki Foundation Scientific Prizes for 2008 (22,000,00 Euros for each field) are to be awarded to the following five scientists:

**GEORGE-MARIOS V.-G. ANGELETOS**
Professor at the Department of Economics at the Massachusetts Institute of Technology in the field of Economics/Political Economy/Political Science

**MIHALIS C. DAFERMOS**
Reader at the Department of Pure Mathematics and Mathematical Statistics at the University of Cambridge in the field of Mathematics

**GEORGE A. KONTOPIDIS**
Assistant Professor at the Veterinary Department at the University of Thessaly in the field of Targeted Drug Development

**NIKOS K. PARAGIOS**
Professor at the Department of Applied Mathematics at the École Centrale de Paris in the field of Theories, Methods and Techniques, of Biomedical Applications of Informatics and Telecommunications

**ELENI T. TZAVARA**
Senior Research Scientist at INSERM, Paris in the field of Targeted Drug Development.

**THE AWARDS WILL BE CONFERRED IN JUNE**
Singapore invites applications for the Singapore Translational Research ("STaR") Investigatorship Awards

A unique and innovative opportunity for outstanding translational and clinical research investigators

STaR INVESTIGATORSHIP

The STaR Investigatorship Award is a prestigious award, jointly offered by the Singapore Ministry of Health’s National Medical Research Council (NMRC) and the Agency for Science, Technology and Research (A*STAR), to recognise and support investigators with outstanding qualifications in translational and clinical research.

Tenable in Singapore, STaR Investigators may start a new research programme which can potentially advance Singapore’s priorities in biomedical research and healthcare or contribute to the Translational and Clinical Research (TCR) Flagship Programmes* (jointly supported by A*STAR and NMRC). STaR Investigators may also spend up to 20% of their time engaging in direct patient care in Singapore.

In keeping with the international status of the STaR Investigatorship Awards, recipients will receive very competitive research support and remuneration, appointments at A*STAR’s Singapore Institute for Clinical Sciences (SICS) as well as tenure-track appointments at the National University of Singapore’s (NUS) Yong Loo Lin School of Medicine, or Duke–NUS Graduate Medical School (GMS).

Three categories of the STaR Investigatorship are available:
[i] Distinguished Senior Investigator (DSI),
[ii] Senior Investigator (SI), and
[iii] Investigator (INV).

Successful candidates will receive 5-year support for DSI and SI, and 3- to 5-year support for INV. Awards include (I) Annual research support, (II) Annual salary support and (III) Start-up costs. The awards are renewable for further terms upon excellent external reviews.

Profile of a STaR Investigator:
• Medically qualified doctors (MDs) or PhDs active in translational and clinical research or who conduct research that involves integrating basic scientific discoveries with clinical applications
• You may be a physician scientist, clinical investigator, population geneticist, epidemiologist, health services researcher or an investigator engaged in other kinds of population-based biomedical research
• Applicants should have a strong track record of scientific achievement and impact in translational and clinical research

The STaR Selection Panel includes:
• Professor Edward Holmes (Executive Chairman, National Medical Research Council & Executive Deputy Chairman, Clinical-Translational Sciences, A*STAR Biomedical Research Council)
• Professor Edison Liu (Executive Director, Genome Institute of Singapore)
• Professor Judith Swain (Executive Director, Singapore Institute for Clinical Sciences)
• Professor John Wong (Dean, Yong Loo Lin School of Medicine, National University of Singapore)
• Professor Sanders Williams (Dean, Duke–NUS Graduate Medical School)
• Professor K Satkunanatham (Director of Medical Services, Ministry of Health)
• Professor Jean Paul Thiery (Deputy Director, Institute of Molecular & Cell Biology)
• Professor Ivy Ng (Chief Executive Officer, KK Women’s & Children’s Hospital)

Where applicable, shortlisted applicants will be invited to Singapore for a 3- to 5-day visit for in-depth interaction with the scientific community to better understand the local research support and environment, and to meet with the STaR Selection Panel.

*TCR Flagship Programmes seek to integrate, coordinate and leverage on the full spectrum of research capabilities in Singapore, from basic science to clinical research, and be highly competitive with the potential for the supported programme to be an international leader in the following disease oriented areas: cancer, cardiovascular/metabolic disorders, neurosciences, infectious diseases and eye diseases. It is not necessary for applicants to be part of the TCR Flagship team to apply to the STaR Investigatorship Award.

All applications are to be submitted online through the Research, Innovation and Technology Administration (RITA) system.

To apply, please go to http://www.nmrc.gov.sg

Applicants are also required to send in 1 original hardcopy to NMRC at the following address:

Singapore Translational Research (STaR) Investigatorship Awards
National Medical Research Council
11 Biopolis Way, #09-10/11, Helios, Singapore 138667

For further enquiries, you may direct email to: MOH_STAR_NMRC@moh.gov.sg

Closing Date: 22 June 2008, 5pm Singapore time
(UTC/GTM + 1 hour)
Mercer University School of Medicine invites applications for a 12-month salaried, tenure-track position in medical genetics at the rank of Assistant, Associate, or Full Professor. The successful candidate must have a strong commitment to excellence in medical education and will participate in a multi-disciplinary, case-based medical curriculum. In addition, the candidate will be expected to develop an independent research program capable of attracting external funding. Applicants should have a doctoral degree with an expertise in human genetics from an accredited university/college and at least three years of postdoctoral training. Preference will be given to individuals with medical genetics experience. Interested applicants will need to apply online at website: https://www.mercerjobs.com. For more information on this position contact: Barbara Mooney, 1225 Turner Street, Room 1205, 2201 Children’s Hospital, Atlanta, Georgia 30303 (e-mail: bmooney@chastatus.org).

POSTDOCTORAL POSITIONS

STUDIES OF THE HEART
Johns Hopkins University, School of Medicine

A position is available as part of a funded program project related to mitochondrial function in ischemic heart disease. In addition to having a strong desire to work on heart disease, the interested candidate should have prior experience working with both mitochondria (preferably heart mitochondria) and animals. Candidates experienced with the purification of membrane proteins and/or with experience with heart tissue related to the effects of ischemia and ischemia/reperfusion injury will be given preference. Please send your curriculum vitae and a list of three references, their locations, and e-mail addresses to Dr. Peter L. Pedersen, e-mail: ppedersen@jhmi.edu, Department of Biological Chemistry, Johns Hopkins University, School of Medicine. Johns Hopkins is an Equal Opportunity/Affirmative Action Employer.

BLOOD COAGULATION AND FIBRINOLYSIS RESEARCH

POSTDOCTORAL POSITIONS are available to investigate the mechanisms and regulation of blood coagulation and fibrinolysis with molecular biology, protein chemistry, enzyme kinetics, and fluorescence spectroscopy techniques. Interested individuals who are recent Ph.D. degree graduates in biochemistry, biophysics, chemistry, or biology should send a copy of their curriculum vitae and arrange for two letters of recommendation to be sent to: Dr. Paul E. Bock, Vanderbilt University School of Medicine, Department of Pathology, Stallworth Rehabilitation Hospital, Room 1205, 2201 Children’s Way, Nashville, TN 37212. E-mail: paul.bock@vanderbilt.edu. Vanderbilt University is an Equal Opportunity/Affirmative Action Employer.

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POSTDOCTORAL POSITIONS

Bartholomew McCann, M.D., Ph.D.

The Barrow Neurological Institute and St. Joseph Hospital are seeking an Assistant Professor in medical genetics at the rank of Assistant, with a strong commitment to excellence in medical education and will participate in a multi-disciplinary, case-based medical curriculum. In addition, the candidate will be expected to develop an independent research program capable of attracting external funding. Applicants should have a doctoral degree with an expertise in human genetics from an accredited university/college and at least three years of postdoctoral training. Preference will be given to individuals with medical genetics experience. Interested applicants will need to apply online at website: https://www.mercerjobs.com. For more information on this position contact: Barbara Mooney, 1225 Turner Street, Room 1205, 2201 Children’s Hospital, Atlanta, Georgia 30303 (e-mail: bmooney@chastatus.org).

POSTDOCTORAL FELLOWS, University of Wisconsin, Madison. Positions immediately available to study the molecular mechanisms of inflammation in asthma and pulmonary fibrosis (e.g., Nature Immunology 6:1280, 2005; Journal of Immunology 177:6999, 2006; J. Clin. Investig. 188:479, 2008). Requires strong skills in cell and molecular immunology. Will be part of a large, interlaboratory group of established and highly interactive investigators. Send curriculum vitae, letters of reference, and research statement to: James Mather M.D., Professor of Pathology, 507T Waisman Center, 1500 Highland Avenue, University of Wisconsin, Madison, WI 53705 (e-mail: jmathe@wisc.edu). UW-Madison is an Affirmative Action/Equal Opportunity Employer.

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