The Chemistry Department at Boston College invites applications for two tenure-track positions with hire dates in the fall of 2010. Applicants will be evaluated on their potential to establish a prominent, externally funded research program and to excel in teaching both at the graduate and undergraduate levels. Successful candidates will join a Department of approximately 30 postdoctoral fellows, 125 doctoral students, 200 undergraduate chemistry majors, and an internationally recognized faculty. Individuals with expertise that complements other faculty in the Department are encouraged to apply.

Assistant Professor of Chemical Biology (broadly defined): requires a Ph.D. in chemistry, biochemistry, or a related area and postdoctoral experience.

Assistant Professor of Physical Chemistry (broadly defined, with the emphasis on materials chemistry): requires a Ph.D. in chemistry or a related area and postdoctoral experience.

Applicants must: (1) Submit a cover letter, curriculum vitae, summary of research plans, and statement of teaching philosophy (in one transmission using PDF files) to e-mail: chembiosearch@bc.edu or pchemsearch@bc.edu. Please specify chemical biology or physical chemistry search in your cover letter. (2) Arrange to have three letters of reference in PDF format transmitted to e-mail: chembiosearch@bc.edu or pchemsearch@bc.edu. Original letters may be requested by the Department. In your cover letter, please specify the names and contact information for your three references. (3) Submit all application materials electronically on or before 15 October 2009.

Boston College, a university of eight schools and colleges, is an Equal Opportunity Employer and supports Affirmative Action.

FACULTY POSITION

Columbia University

Department of Chemical Engineering

The Department of Chemical Engineering announces a faculty position to be filled at the rank of Assistant or Associate Professor. The Department seeks outstanding individuals with the motivation to excel in research, teaching, and service. Candidates at the Associate level should have a record of continued strong leadership in research. A Doctorate in chemical engineering or a related field is required. Departmental research is in biological, soft materials, electrochemical, or environmental engineering, and candidates that complement current departmental research will be given the highest priority. Columbia University offers an attractive, highly intellectual and collaborative environment. Assistance with faculty housing is available. The search will close no sooner than November 30, 2009, and will remain open until the position is filled. Starting date is January 1, 2010. Candidates should submit a brief research plan, statement of teaching objectives that demonstrates a commitment to chemical engineering education, the names and contact information of three references, curriculum vitae, and reprints of recent key research publications. Do not mail applications. Please apply online to website: https://academicjobs.columbia.edu/applicants/Central?quickFind=51859.

Columbia University is an Affirmative Action/Equal Opportunity Employer.

CAREER OPPORTUNITY

Doctor of Optometry (O.D.) degree in 27 months for Ph.D.s in science and M.D.s. Excellent career opportunities for O.D./Ph.D.s and O.D./M.D.s in research, education, industry, and clinical practice. This unique program starts in March of every year, featuring small classes and 12 months devoted to clinical care.

Contact the Admissions Office, telephone: 800-824-5526 at the New England College of Optometry, 424 Beacon Street, Boston, MA 02115. Additional information at website: http://www.neco.edu; e-mail: admissions@neco.edu.

THE ENDOWMENT FOR SCHOLARS IN BIOMEDICAL RESEARCH

At The University of Texas Southwestern Medical Center

University of Texas Southwestern Medical Center is pleased to announce the continuation of the Endowed Program for Scholars in Biomedical Research. The Program, which is fully funded from private endowment, will provide at least $1 million over four years to support the research activities of each new Assistant Professor (tenure track) appointed to the Program. Academic appointments and research space will be provided by individual medical school departments or research centers. Positions in both basic science and clinical departments are available. The goal of the program is to assure a successful beginning of the research careers of an ever-growing cadre of outstanding and creative investigators at UT Southwestern.

For detailed information about currently available faculty positions, please access our website: http://www8.utsouthwestern.edu/utsw/home/scholars/index.html.

SOUTHWESTERN

The University of Texas Southwestern Medical Center

At Dallas

UT Southwestern is an Equal Opportunity Institution.

MOLECULAR CARDIOLOGIST: ENDOWED CHAIR

The Molecular Cardiology Program at Weill Medical College of Cornell University seeks independent investigators as tenure-track/tenured faculty members. This position includes an endowed chair at ASSOCIATE PROFESSOR rank. The Molecular Cardiology Program is a vibrant multidisciplinary group with diverse interests including cardiovascular genetics, cardiovascular development, vascular biology, stem cell biology, signal transduction, and cellular electrophysiology. Successful candidates (M.D., M.D.-Ph.D., or Ph.D.) should have an established track record of extramural funding and be provided with a generous startup package. Salary and rank will be commensurate with experience. Applicants should forward curriculum vitae, research plan, and three references to: Ann Gargas, Assistant to the Molecular Cardiology Search Committee, Division of Cardiology, Cornell Medical College, Starr 4, 525 East 68th Street, New York, NY 10021. Telephone: 212-746-2169; fax: 212-746-0951; e-mail: ang2010@med.cornell.edu. Cornell is an Equal Opportunity Employer.
We invite applications from biochemists, biologists, chemists, computer scientists, engineers, mathematicians, neurobiologists, and physicists at all career stages who are passionate in their pursuit of important problems in basic scientific and technical research.

Appointments may be made at either of two levels:

**Fellows**
Fellows are independent scientists with labs of up to two additional members. Appointments are for five years.

**Group Leaders**
Group leaders are independent scientists, similar to HHMI investigators, with labs of up to six additional members. The initial appointment is for six years. Thereafter, group leaders will be reviewed for reappointment every five years.

There are two application deadlines per year and the next are:

**December 15, 2009 and July 15, 2010.**

For more information and to submit an application:
www.hhmi.org/ref/janelia/sci

At Janelia Farm, we pursue challenging basic biomedical problems for which future progress requires technological innovation. We focus on two research areas: the identification of general principles that govern how information is processed by neuronal circuits; and the development of imaging technologies and computational methods for image analysis. This year we have decided to broaden our foci at the Fellow level – we also seek very promising, early career stage scientists with interests beyond these two major foci. We expect that Janelia would be attractive to people with scientific programs that could benefit from collaborators or technologies already at Janelia. We value people with new perspectives who will contribute to our intellectual community.

Examples might include:

- A cell biologist looking to apply super-resolution optical microscopy to their work.
- A computer scientist interested in machine vision.
- A physicist interested in instrument development.
- A biochemist interested in single-molecule imaging.

Janelia Farm is now home to a growing, multidisciplinary community of 35 research groups, comprising postdoctoral associates, graduate students, and technicians. Our scientists are supported by outstanding shared resource facilities within a unique campus less than an hour from Washington, D.C. All laboratories are internally funded, without extramural grants. Lab heads have no formal teaching duties and minimal administrative responsibilities. Janelia Farm offers a supportive working environment with on-site child care, fitness center, and dining facilities.

Individual research groups are limited in size. We value research collaboration between groups as a mechanism to enable long-range innovative science and encourage the self-assembly of interdisciplinary teams of scientists. In addition we support external collaborative science through a scientific visitor program.

The Howard Hughes Medical Institute is an equal opportunity employer. Women and members of racial and ethnic groups traditionally underrepresented in the biomedical sciences are encouraged to apply.
We are seeking candidates for the position of Director of EOHSI, a jointly sponsored institute of UMDNJ-RWJMS and Rutgers University, and Chair of DEOM, UMDNJ-RWJMS.

The ideal candidate would assume both positions and must have a PhD or equivalent or MD (New Jersey licensure or eligible). The candidate must have a distinguished record of research and/or clinical service, as well as teaching and be able to lead and collaborate within a highly productive and collegial multidisciplinary environment, develop programs, and raise funds to further EOHSI’s mission. The successful candidate must articulate a clear vision of research, demonstrated mentoring skills and service to government and the public, as well as a commitment to fostering interactions with other academic units.

EOHSI’s mission encompasses basic and clinical research in the environmental health sciences, environmental education and public policy. EOHSI serves as an unbiased source of expertise on environmental problems. The Institute’s four-story, 78,000-square-foot building opened in 1991. It houses an NIEHS Center for Environmental Health Sciences, Environmental and Occupational Health Clinic, an Ozone Research Center, an EPA Environmental Bioinformatics and Computational Toxicology Center, a Computational Chemodynamics Laboratory, a CounterAct Center and a Controlled Environment Facility for stimulating human exposure to pollutants. EOHSI is home to three graduate programs: The Joint Graduate Program in Toxicology, The Joint Doctoral Program in Exposure Assessment, and the Residency Program in Occupational and Environmental Medicine. For further details go to eohsi.rutgers.edu. The DEOM is part of UMDNJ-RWJMS, and its research, academic and clinical programs are closely linked with EOHSI.

Applicants should apply in confidence to Dr. Bonnie Baloga-Altieri at balogabl@umdnj.edu or UMDNJ-RWJMS, Clinical Academic Building, Suite 1400, 125 Paterson Street, New Brunswick, NJ 08903. Your application should include a letter stating qualifications for the position, current curriculum vitae, and the names and contact information of three professional references. Review of applications will be ongoing process until the position is filled. The University of Medicine and Dentistry of New Jersey and Rutgers University are both affirmative action and equal opportunity employers. For more information, visit www.umdnj.edu/hrweb and www.rutgers.edu.

**Facility Position in Chemical Biology**

The DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOPHYSICS at Washington University School of Medicine invites applications for tenure-track and tenured faculty positions from candidates using synthetic chemistry as a tool to probe biological systems. Compatible areas of research include the application of synthetic chemistry methodologies and insights to understanding the regulation of biochemical pathways and cellular physiology, the discovery of new therapeutic targets, and the study of basic mechanisms of biomolecular recognition, catalysis, and protein function. The successful candidate will combine synthetic chemistry methodologies with a strong program in basic biological research. She/he will join a growing department that is broadly represented in experimental and computational studies of protein physical chemistry, structure, and mechanistic enzymology. A state-of-the-art synthetic chemistry facility is under construction that will support and integrate small molecule chemistry with biochemical investigations of macromolecules (http://www.biochem.wustl.edu). The targeted growth of systems biology, nanomaterials research, and biological chemistry on both campuses of Washington University will provide additional opportunities for scientific interactions and collaborations. In addition to a commitment to research, a candidate’s enthusiasm for teaching and mentoring young scientists is also important. Applicants at the Assistant, Associate, or Full Professor level will be considered.

Washington University has a highly interactive research environment with vigorous interdisciplinary graduate and medical scientist training programs. Applicants should submit their curriculum vitae, selected reprints, a short summary of future research plans and the names of references electronically to: faculty-search@biochem.wustl.edu, or else by mail to: CHEMICAL BIOLOGY SEARCH, Tom Ellenberger, Raymond H. Wittcoff Professor and Head, Department of Biochemistry and Molecular Biophysics, Box 8231, Washington University School of Medicine, 660 S. Euclid Ave., St. Louis, MO 63110. Applications will be reviewed beginning in October, 2009 and the search will be closed on January 15, 2010.

**AN EQUAL OPPORTUNITY EMPLOYER.**

Minority and women scientists are especially encouraged to apply.

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**Facility Position in Structural Biology**

The DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOPHYSICS at Washington University School of Medicine invites applications for a tenure-track or tenured faculty position in the area of Structural Biology. Applicants at the Assistant, Associate, or Full Professor level will be considered. The successful candidate will conduct independent research within an active, growing department broadly interested in quantitative studies of macromolecular interactions, mechanistic enzymology, molecular dynamics and structure/function relationships (http://biochem.wustl.edu). Priority will be given to multidisciplinary approaches to study biological function(s). Enthusiasm for teaching and mentoring research trainees is important.

Washington University has a highly interactive research environment with vigorous interdisciplinary graduate and medical scientist training programs. Selection of candidates will begin in November 2009. Applicants should submit their curriculum vitae, selected reprints, a short summary of future research plans and the names of references electronically to: structure-search@biochem.wustl.edu or else by mail to:

**STRUCTURAL BIOLOGY SEARCH**

Tom Ellenberger, Raymond H. Wittcoff Professor and Head
Department of Biochemistry and Molecular Biophysics
Washington University School of Medicine
660 S. Euclid Ave., Box 8231
St. Louis, MO 63110

**AN EQUAL OPPORTUNITY EMPLOYER.**

Minority and women scientists are especially encouraged to apply.
DEAN, CHEMICAL AND LIFE SCIENCES & ENGINEERING
and
DEAN, PHYSICAL SCIENCES & ENGINEERING

King Abdullah University of Science and Technology (KAUST) is a new private international graduate research university governed by an independent, self-perpetuating Board of Trustees. Integrating education and research, KAUST has been generously endowed to support the educational and research activities of the faculty and students. The merit-based university, which employs the highest international standards of scholarship, research, education, and learning, is open to all without regard to race, color, religion, or gender. Opening its doors to students in September 2009, KAUST’s pioneer class of 400 students, 25% of whom are women, comes from 60 countries. At maturity, KAUST will enroll 2,000 students in MS and PhD programs. The medium of instruction is English. The environmentally friendly campus with state-of-the-art facilities is built on 36 square kilometers on the shore of the Red Sea near Jeddah, Saudi Arabia’s second largest city.

KAUST provides an open intellectual environment for its faculty and students. To this end, KAUST is organized around a matrix structure of Academic Divisions and interdisciplinary Research Centers. There are three Academic Divisions, each directed by a Dean. The Divisions and their degree programs are broadly defined to encourage interdisciplinary activity.

**Academic Divisions**

- Chemical and Life Sciences & Engineering
- Mathematical and Computer Sciences & Engineering (Dr. David Keyes, Dean)
- Physical Sciences & Engineering

**Degree Programs**

- Bioscience
- Chemical and Biological Engineering
- Chemical Science
- Environmental Science & Engineering
- Marine Science & Engineering
- Applied Mathematics and Computational Science
- Computer Science
- Electrical Engineering
- Materials Science & Engineering
- Mechanical Engineering
- Earth Science & Engineering

The Deans are expected to raise the visibility and standing of KAUST through building educational and research programs of the highest quality and leveraging collaborative and interdisciplinary activities across Divisions. They are responsible for the educational and degree-granting programs, and baseline research funding for their divisions, including:

- faculty administration and budget preparation;
- faculty recruitment, evaluation, promotion, compensation; and
- degree requirements and teaching assignments.

Detailed information on Academic Divisions, Research Centers, and the Global Collaborative Research program encompassing partnerships around the world can be found on the KAUST website (www.kaust.edu.sa).

**Contact Information:** Korn/Ferry International, which is assisting with this search, invites confidential inquiries, nominations and applications. All communications will be held in absolute confidence. Nominations should include nominee contact information. Applications should include a CV and letter explaining interest and relevant experience. The positions are available during academic year 2009-10.

Korn/Ferry International
John Kuhnle, Managing Director-Global Education Practice
Elizabeth Dycus, Senior Associate
802/765-4543
KAUSTchemical@kornferry.com
KAUSTphysical@kornferry.com
Faculty Positions in
Burnett School of Biomedical Sciences
College of Medicine
Cancer, Cardiovascular and Metabolic Diseases,
Infectious Diseases and Neurodegenerative Diseases

University of Central Florida is expanding its Biomedical Research and Education Program into a new 198,000sq.ft. Burnett Biomedical Science building in the new medical campus. We seek outstanding scientists working on molecular, cellular, physiological, biochemical, or pharmacological approaches to study important problems with relevance to cancer, cardiovascular and metabolic diseases, infectious diseases and neurodegenerative diseases. Faculty at Assistant, Associate or Full Professor level will be considered. Successful applicants will be expected to establish a well funded research program, contribute to teaching, and actively participate in MS and PhD programs.

Competitive salaries, startup funds, new laboratories, transgenic animal facilities and access to shared core instrumentation facilities will be provided. Burnett School researchers will have access to the extensive core facilities in the adjacent Burnham Medical Research Institute. Medical campus is part of multibillion dollar biomedical cluster that will include the new Medical School, Burnham Medical Research Institute, Veterans Administration Hospital and Nemours Children’s Hospital.

The University of Central Florida has over 50,000 students and an outstanding technology-based infrastructure. It is located in Orlando, a dynamic and progressive metropolitan region, a major player in the high-tech industry, and adjacent to a top ranked Research park and a great place to live and work.

Review of candidates will begin on October 15, 2009. Please apply to the links below by submitting a curriculum vitae, a two page summary of research plans and contact information for three or more references.

- Cancer: www.jobswithucf.com/applicants/Central?quickFind=74185
- Cardiovascular and Metabolic Diseases: www.jobswithucf.com/applicants/Central?quickFind=74186
- Infectious Disease: www.jobswithucf.com/applicants/Central?quickFind=74187
- Neurodegenerative Disease: www.jobswithucf.com/applicants/Central?quickFind=74189

The University of Central Florida is an Equal Opportunity, Equal Access, and Affirmative Action Employer. As a member of the Florida State University System, all application materials and selection procedures are available for public review.

BROAD FELLOWS PROGRAM IN BRAIN CIRCUITRY
CALIFORNIA INSTITUTE OF TECHNOLOGY

THE CALIFORNIA INSTITUTE OF TECHNOLOGY is looking for a few outstanding scientists from any relevant backgrounds to study how networks of neurons give rise to perception, memory, emotion, and behavior. We encourage applications from individuals employing genetic manipulations in relevant animal model systems, electrophysiological recordings, functional imaging and computational analyses and related tools. Broad Fellows are independent researchers who have recently received their PhD. They will receive internal funding for a group of up to three people (up to $150,000 in direct costs per year per fellow). The initial appointment is for three years, with the possibility of renewal for one more year. Excellent salary ($75,000 per year) and benefits. Applications should include curriculum vitae, a statement of research plan, and three letters of recommendation. This material should be submitted online at: http://www.broadfellows.caltech.edu or by email to heather@klab.caltech.edu by November 15th, 2009.

Caltech is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

Faculty Position
Molecular Biology
Sloan-Kettering Institute

The Molecular Biology Program of the Sloan-Kettering Institute, Memorial Sloan-Kettering Cancer Center (www.mskcc.org), has initiated a faculty search at the Assistant Member level (equivalent to Assistant Professor). We are interested in outstanding individuals who have demonstrated records of significant accomplishment and the potential to make substantial contributions to the biological sciences as independent investigators. Successful applicants will have research interests that move the Program into exciting new areas that complement and expand our existing strengths in the areas of maintenance of genomic integrity, regulation of the cell cycle, and regulation of gene expression. Faculty will be eligible to hold appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

Candidates should e-mail their application in PDF format to molbio@mskcc.org by November 16, 2009. The application should include a CV, description of past and proposed research (~57 pp), and copies of three representative publications. Candidates should arrange to have three signed letters of reference sent in PDF format to molbio@mskcc.org. The letters should arrive by November 16, 2009 and should be addressed to Dr. Kenneth Marians, c/o Julie Kwan, Box 135, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, New York, New York 10065. Inquiries may be sent to Ms. Kwan at molbio@mskcc.org or to Dr. Kenneth Marians, Chair, Molecular Biology Program at kmarian@mskcc.edu. Memorial Sloan-Kettering Cancer Center is an Equal Opportunity Employer and smoke-free environment.

The University of Neuchâtel, Switzerland, offers the position of:

A Full professor (professeur ordinaire) in Biology of arthropod vectors of pathogens

The candidate is expected to have a strong research background which complements well with the parasitology interests of the Institute. He/she will have an experience in the biology of vectors of pathogens focused on the physiology of ectoparasites, capable to combine both field and laboratory methods and showing an international recognized research program. He/she is asked to teach comparative animal physiology, histology and cytology at the bachelor level, plus specialized courses in his/her research field of the master in Biology of Parasites and Ectoecology.

Full chair (6 hours weekly teaching in French and English, research activities as well as administrative tasks).

Starting date: February 1, 2010 or date to be discussed.

The University of Neuchâtel encourages women to apply.

Candidates with a Ph.D. should submit their application, both electronically and on paper, 15 October 2009 to Prof. Bruno Betschart, head of the search committee, Institute of Biology, Faculty of Science, University of Neuchâtel, PO Box 158, 2009 Neuchâtel – Switzerland, email: bruno.betschart@unine.ch.

Applications should include curriculum vitae with a description of research, teaching, grants, and administrative records; a complete list of publications; a copy of academic diplomas; and a research program (describing the candidate’s scientific vision and the projects to be developed at the University of Neuchâtel) of up to 3 pages. The candidate should ask three experts to send a letter of recommendation to the head of the search committee. Further information is available from Prof. B. Betschart or on the web site www.unine.ch/sciences, under « emploi ».
The University of Texas Health Science Center at San Antonio is searching for a dynamic leader who will assume the position of Dean of the Graduate School of Biomedical Sciences, one of the five Schools at the UT Health Science Center. The UT Health Science Center is in the top 2% of all research universities in the nation receiving federal funding and is the largest research intensive university in South Texas. The School serves as the chief catalyst for the $16.3 billion biosciences and healthcare industry in San Antonio. This individual will have responsibility for resources and direction of the Graduate School, which includes seven departments with 147 tenure track faculty and 354 MS and PhD students. The position reports to the President of the University. This individual will control resources and take primary responsibility for planning the future direction and expansion of the Graduate School, which has current extramural funding in excess of $40 million. Total extramural funding at the UT Health Science Center is now $202 million. A dramatic increase in research space of more than 225,000 square feet and significant funding increases make this is a unique opportunity for a visionary leader.

The successful candidate will hold a PhD, MD/PhD or DDS/PhD and be an outstanding scientist and scholar with an international reputation. He/she should have a strong record of accomplishment in research, education and administration. In addition, this individual should have a track record of success in recruiting high caliber individuals and developing collaborative faculty interactions.

This outstanding leader will have responsibilities to advance the quality of graduate education and research endeavors in the biomedical sciences and foster interdisciplinary graduate education and collaboration between the Graduate School of Biomedical Sciences and other partners. The successful candidate will also provide strong administrative leadership of graduate degree programs, admissions, student support programs, and postdoctoral scholars. He/she will have responsibility to review programs currently in place and be a bridge builder who understands and embraces accountability and stewardship of graduate school resources. He/she will work with the leadership of four other professional schools (Medical, Dental, Nursing, Health Professions) in creating and successfully implementing programs to enhance graduate student and postdoctoral scholar life and improve academic enrichment and translational science programs. In addition, the successful candidate will oversee a variety of outreach and diversity programs aimed to increase the participation of a diverse group in the graduate health sciences.

Nominations and CVs may be sent to the Health Science Center's search consultant, Marvene Eastham, at UTBioMed@wittkieffer.com. Items that cannot be emailed may be sent to 10375 Richmond Avenue, Suite 1625, Houston, TX 77042. We may be reached confidentially at 713-266-6779 (p) or 713-266-8133 (f). The UT Health Science Center is an Equal Employment Opportunity/ Affirmative Action Employer. All faculty and Executive Committee appointments are designated as security sensitive positions.
The United States Department of State invites applications for visiting scholar positions during the 2010-2011 academic years, per Section 202 of the Arms Control and Disarmament Act, as amended (22 U.S.C 2568).

Positions of Physical Scientist, Biological Scientist, Chemical Scientist, and Political Scientist are available at the Department of State in 2010-2011. The candidates selected under this program will have an opportunity for active participation in the arms control, nonproliferation, and disarmament activities of the Department of State and to enable the Department to gain the perspective and expertise such persons can offer.

The Department of State reimburses institutions of Foster Fellows for their salary and benefits, and Foster fellows receive travel reimbursement and a per diem allowance (subject to some restrictions).

For complete information about the program and positions, see http://www.state.gov/t/. To apply, please send a letter describing your perspective and expertise, a CV, three letters of reference, and two published articles to: Thomas J. Yehl, VCI/TA, U.S. Dept. of State, Washington, DC 20520. Receipt deadline is September 30, 2009.

Applicants must be U.S. citizens and will be subject to a security background investigation in the event of their selection for the program. Contact Ms. Annette Day at 202-647-4153 for more detailed information.

The Cell Biology Program, Sloan-Kettering Institute (www.ski.edu) has initiated a search for tenure-track faculty members. We are interested in outstanding individuals who have the potential to develop an innovative, independent research program that complements and enhances our existing strengths. Candidates with research interests in exciting areas of eukaryotic cell biology and using a variety of experimental approaches and systems are encouraged to apply. New faculty will be eligible to hold graduate school appointments in the Gerster Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Training Program. Sloan-Kettering has an outstanding infrastructure as well as state-of-the-art core resources, and we are now significantly expanding our research programs.

Interested individuals should e-mail their application, preferably in PDF format, to Alan Hall PhD, Chair Cell Biology Program at: cellbio@mskcc.org by November 1st, 2009. The application should include a Curriculum Vitae, a description of past research accomplishments and proposed future research (3-7 pages) and three representative publications. Candidates should also arrange to have three signed letters of recommendation on letterhead in PDF format sent by e-mail to: cellbio@mskcc.org. The letters should arrive by November 1st, 2009. Inquiries can also be made by e-mail to: cellbio@mskcc.org. Memorial Sloan-Kettering Cancer Center is an affirmative action, equal opportunity employer.

The Nanoscience Cooperative Research Center CIC nanoGUNE Consoliders (www.nanogune.eu) invites applications and nominations for the position of Scientific Director of a new start-up company that is being launched as a joint venture of private investors and CIC nanoGUNE Consoliders. The company is located in San Sebastian, Basque Country (Spain), with the mission of developing graphene-based process and product technology as well as conducting related research activities.

The Scientific Director will be responsible for the design and management of the company’s R&D strategy, the build-up and operation of its research laboratory and team, which will be based at the nanoGUNE facilities, as well as the development of a high-impact IP portfolio. The Scientific Director will also manage the coordination of the company’s activities, which will utilize nanoGUNE’s state-of-the-art research infrastructure for nanoscience and nanotechnology.

Candidates should have an outstanding track record in research and technology or process development, with a preferred expertise in the field of thin-film or nano-materials growth and related areas of surface science, the ability to lead and manage a research team and build up a world class research operation, as well as substantial experience with IP related issues. Proficiency in spoken and written English is compulsory; knowledge of Spanish is not a requirement.

Applicants should forward their CV and a list of at least three references to director@nanogune.eu

Closing date: 30 September 2009
The newly established Max Planck Florida Institute, located on the FAU campus in Jupiter, FL, near Scripps Florida will focus its research on bioimaging at the cellular and molecular level. Nobel Laureate Prof. Dr. Bert Sakmann will serve as the inaugural scientific director. Applications for the following research areas are invited:

- Single molecule imaging
- Imaging of synapse dynamics
- Dense EM reconstruction of neural circuits
- Optogenetics and behavior

Candidates are expected to have a record of outstanding and internationally recognized research accomplishments in the above areas.

The positions are funded for a period of initially 5 years, with the possibility of two extensions 2 years each. Each position includes a start-up grant for equipment and salaries for one post-doc, two graduate students and one technician, as well as operating funds.

Application & details available at maxplanckflorida.org
Additional questions to Dr. Claudia Hillinger, VP for Institute Development: claudia.hillinger@maxplanckflorida.org

Deadline for Applications: September 25, 2009
The Max Planck Florida Institute is an Equal Opportunity Employer.

A tenure track appointment is available for autumn 2010. The general areas of interest include, among other possibilities, protein and nucleic acids biochemistry, cellular function, metabolism, enzymology, signal transduction, and computational analysis. Applicants should hold a doctoral degree and have a strong record of research accomplishment. Preference will be given to applicants at the level of Assistant Professor. The successful candidate will join an interactive and diverse faculty, and will participate in campus-wide graduate training programs. Send curriculum vitae, statements of research background and future interest, and have three letters of recommendation sent to:

Faculty Search Committee
Department of Biochemistry
University of Utah School of Medicine
15 N Medical Dr. East, Rm 4100
Salt Lake City UT 84112-5650 USA

Or send via email to: BiochemSearch@lists.utah.edu

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a demonstrated commitment to improving access to higher education for historically under-represented students.

Deadline for applications is November 15, 2009. Late applications will be considered if an opening is still available.

The University of Utah is an Affirmative Action/Equal Opportunity Employer and does not discriminate based upon race, national origin, color, religion, sex, age, sexual orientation, gender identity/expression, disability, or status as a Protected Veteran. Upon request, reasonable accommodations in the application process will be provided to individuals with disabilities. To inquire about the University’s nondiscrimination policy or to request disability accommodation, please contact: Director, Office of Equal Opportunity and Affirmative Action, 201 S. Presidents Circle, Rm 135, (801)581-8365.
Faculty Position
Indiana University School of Medicine-South Bend
Cell and Molecular Biology

The Indiana University School of Medicine-South Bend at the University of Notre Dame invites applications for a tenure-track faculty position in the area of cell and molecular biology at the Assistant or Associate Professor rank. Investigators with expertise in cancer biology and an emphasis in one or more of the following disciplines are particularly encouraged to apply: neuroscience, cell signaling, nanotechnology, genomics, proteomics, infectious disease, and immunology. Applicants must demonstrate an exceptional record of research accomplishment based on publications, national recognition, and extramural funding. State-of-the-art research facilities will be available in the newly constructed Harper Cancer Institute, a collaborative research venture between IU School of Medicine and Notre Dame. The successful candidate will be expected to teach IU medical students and contribute to graduate courses at the University of Notre Dame. Ample opportunities exist for collaborations with multiple departments in the School of Medicine and Notre Dame, as well as with interdisciplinary Centers of Excellence, including the Walther Cancer Institute, the Eck Institute for Global Health, the W.M. Keck Center for Transgene Research, and the Center for the Study of Biocomplexity. Additional information on the faculty and facilities is available at http://medicine.iu.edu/southbend and http://science.nd.edu.

Qualified individuals should send their curriculum vitae, the names and addresses of three references, and a summary of current and future research and teaching interests to: Rudolph M. Navari, Chair, Search Committee, Indiana University School of Medicine-South Bend, 1234 Notre Dame Avenue, South Bend, IN 46617 (navari.1@nd.edu).

Indiana University School of Medicine-South Bend is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

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Facility Positions:
Center for Cell Engineering
Memorial Sloan-Kettering Cancer Center

The Center for Cell Engineering (CCE) at Memorial Sloan-Kettering Cancer Center is seeking innovative individuals, for tenure-track positions at the Assistant Member level, with strong research accomplishments in stem cell research, cell engineering and/or cell therapy. The CCE focuses on human stem cell biology and cell-based immunotherapies. Successful applicants will have access to outstanding resources, including state-of-the-art facilities for GMP cell processing, cell purification, imaging, vector production, transgene monitoring and genomic analyses. Faculty will be eligible to hold appointments in the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill-Cornell Graduate School of Medical Sciences, as well as the Tri-Institutional MD/PhD Training Program.

MSKCC offers a unique and exciting research environment with programs in, Pharmacology, Chemistry, Developmental Biology, Immunology, Molecular Biology, Computational Biology, Genetics, Cell Biology, Cancer Pathogenesis and Structural Biology. The presence on campus of world-renowned clinical programs in cancer research, treatment and prevention offers many opportunities for effective translational research.

Applicants should have an MD or PhD degree, productive postdoctoral experience, and dedication to important problems related to human cell engineering and the development of innovative cell therapies. Candidates should e-mail their application, preferably in PDF format, to celleng@mskcc.org by November 15, 2009. The application should include a CV, a description of past and proposed research (~5 pages), and copies of three representative publications. Candidates should arrange to have three signed letters of reference in PDF format sent by e-mail to celleng@mskcc.org.

Please address to: Michel Sadelain, MD, PhD, Center for Cell Engineering, Memorial Sloan-Kettering Cancer Center, 1275 York Avenue, Box 182, New York, NY 10065. Memorial Sloan-Kettering Cancer Center is an affirmative action, equal opportunity employer.

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Junior Fellowship in Integrated Microbial Biodiversity

The Integrated Microbial Biodiversity Program of the Canadian Institute for Advanced Research (CIFAR) is seeking an exceptional postdoctoral researcher to fill a two-year Junior Fellow position to begin as early as December 1, 2009. CIFAR is a catalyst for discovery, incubating ideas that revolutionize the international research community. The Integrated Microbial Biodiversity (IMB) Program is comprised of a leading group of scientists whose goal is to explore and understand the astounding diversity of bacteria, viruses and other microbes on our planet.

The focus of this position is on the evolution of associations between insects and protists. The Junior Fellow will work on highly collaborative research between the labs of Steve Perlman (ecology and evolution of insects and their associates) at the University of Victoria, and Patrick Keeling (protist genomics and evolution) at the University of British Columbia. The applicant may use either lab as a home base (or both, one in each year). The project area is open but may include the following: (a) Tripartite symbioses between termites, protists, and bacteria; (b) Evolution of Drosophila-prostis associations; (c) Molecular approaches to the study of microsporidian male-killers. The successful candidate will have an outstanding record of accomplishment in a related research area, excellent communication skills, and strong potential to collaborate with program members. During his or her tenure, the Junior Fellow will be integrated as a member of the IMB Program and will also participate in CIFAR’s elite Junior Fellow Academy. For more information, please see the full advertisement posted at http://www.cifar.ca/JFA . Applications must include a CV (including list of publications) and a brief (1-page) statement of research interests. Materials should be sent to steve.perlman@uvic.ca or pkeeling@interchange.ubc.ca. Applicants should also arrange for three letters of reference, not from CIFAR members, to be sent to the same address. To receive full consideration, applications must be received by October 9, 2009.
The Janelia Farm Research Campus of the Howard Hughes Medical Institute is a new world-class facility near Washington, D.C. We are now accepting applications for a graduate program in collaboration with the University of Chicago and the University of Cambridge. Following one year of work at Chicago or Cambridge, you will spend three or four years at Janelia Farm. You will join an interdisciplinary team of top scientists pursuing two challenging areas of research:

- Identifying the principles governing how groups of neurons process information
- Developing new imaging technologies and computational methods for image analysis

Think you have what it takes to join us?

More information
www.hhmi.org/janelia

Application deadlines for Fall 2010 class
Completed applications will be reviewed as they are received. Final dates for completed applications (including reference letters):
University of Chicago: December 1, 2009
University of Cambridge: March 1, 2010
Submit your work to *Science Translational Medicine* today!

This fall, AAAS and *Science* will launch *Science Translational Medicine*, a new journal focused on applications of basic research knowledge that will improve human health.

The goal of *Science Translational Medicine* is simple: to help the scientific community harness decades of progress in research at the basic level and translate these biological discoveries into medical advances. Take this opportunity to have your work recognized in this groundbreaking new journal.

Papers in the following areas will be reviewed and considered for publication:

- Animal & Human Studies
- Applied Physical Sciences
- Behavior
- Bioengineering
- Biomarkers
- Cancer
- Cardiovascular Disease
- Cell Culture
- Chemical Genomics/Drug Discovery
- Data Mining
- Drug Delivery
- Gene Therapy/Regenerative Medicine
- Imaging
- Immunology/Vaccines
- Infectious Diseases
- Medical Informatics
- Medical Nanotechnology
- Metabolism/Diabetes/Obesity
- Neuroscience/Neurology/Psychiatry
- Pharmacogenetics
- Policy
- Toxicology & Pharmacokinetics
- And other interdisciplinary approaches to medicine

Applications are invited for tenure-track faculty positions in the Cancer Biology and Genetics Program of the Sloan-Kettering Institute, Memorial Sloan-Kettering Cancer Center (www.ski.edu). Successful candidates will carry out independent research on the genesis, progression, prevention, and treatment of cancer that engages with ongoing efforts at the Center. Areas of special interest are, but not limited to: cancer genetics, cancer stem cells, metastasis, tumor microenvironment, inflammation and cancer, and animal models of cancer.

New faculty members will join an interactive, interdisciplinary community of scientists and clinicians at the Center, which offers an outstanding basic and translational research environment within expanded state-of-the-art research facilities. Faculty will be eligible to hold graduate school appointments in the Gertner Sloan-Kettering Graduate School of Biomedical Sciences, the Well Cornell Graduate School of Medical Sciences of Cornell University, as well as the Tri-Institutional MD/PhD Training Program.

Cancer Biology & Genetics Faculty
Robert Ben Ezra, PhD - Angiogenesis/Differentiation
Eric Holland, MD/PhD - Glioma Mouse Models
Anna Kenney, PhD - Neural Stem Cells/Brain Tumors
Robert Klein, PhD - Cancer Genetics
Johanna Joyce, PhD - Tumor Microenvironment
Jean Massague, PhD (Chairman) - Cell Regulation/Metastasis
Christine Mayo, MD, PhD - Oncogenic microRNA Target Control
Kenneth Offit, MD - Cancer Genetics
Harold Varmus, MD - Molecular Mechanisms of Oncogenesis
Andrea Ventura, PhD - microRNAs in Development and Cancer
Hans-Guido Wendel, MD - Genetic Basis for Drug Resistance

Candidates should e-mail their application, preferably in PDF format, to cancerbio@mskcc.org by November 1, 2009. The application should include a Curriculum Vitae, a description of past research, a description of proposed research (5-7 pages), and copies of three representative publications. Candidates should arrange to have three signed letters of recommendation sent by email to cancerbio@mskcc.org. The letters should arrive by November 1, 2009. Inquiries may be sent to Maria Gordon at gordonm1@mskcc.org. EOE/AA.

BioJapan 2009
World Business Forum

Regeneration of Bioindustry

Great meeting spot with global mega phamras, unique biotech ventures, and academy with novel basic scientific research results. Completely free of charge_matching system for one-on-one meeting pair-arrangement system is set in use. Nearly 250 “must-attend” seminars are also well-planned. Besides drug discovery area, such new theme like environment, food and cluster & venture, will be focused on this year, join us and expand your business network at BioJapan2009. See you all in Yokohama!

October 7 to 9, 2009
10:00 ~ 17:00 Exhibition Hall

Howard Hughes Medical Institute
JANELIA CONFERENCES
SPRING 2010

The Janelia Farm Research Campus is pleased to announce its sixth season of conferences. These small, intense conferences are intended to foster rapid scientific advances and collaborative interactions. All participants are expected to contribute to the intellectual content of the meetings. The Howard Hughes Medical Institute fully supports the Janelia Conferences—there are no registration, accommodation, or dining fees for participants. The conference organizers invite all participants, selecting some from an open pool of applicants.

Imaging Transcription in Living Cells:
A Systems and Computational Approach • March 11-14, 2010
Organizers: Xavier Darzacoq (École Normale Supérieure), Susan Gasser (Friedrich Miescher Institute for Biomedical Research), Robert Singer (Albert Einstein College of Medicine), and Robert Tjian (HHMI)
Structural Plasticity in the Mammalian Brain • March 21-24, 2010
Organizers: Tobias Bonhoeffer (Max Planck Institute of Neurobiology), Karel Svoboda, (Janelia Farm /HHMI), and Yi Zuo, University of California, Santa Cruz
The Neural Basis of Vibrissa-Based Tactile Sensation • April 25-28, 2010
Organizers: Mitra Hartmann (Northwestern University), David Kleinfeld (University of California, San Diego), and Karel Svoboda (Janelia /HHMI)
Novel Approaches to Bioimaging II • May 2-5, 2010
Organizers: Mats Gustafsson and Tim Harris (Janelia Farm /HHMI), Jennifer Lippincott-Schwartz (National Institutes of Health), and Tony Wilson (University of Oxford)
Turning Images to Knowledge: Large-Scale 3D Image Annotation, Management and Visualization • May 9-12, 2010
Organizers: Michael Hawrylyz (The Allen Institute for Brain Science), B. S. Manjunath, (University of California, Santa Barbara), Maryann Martone (University of California, San Diego), and Fuhui Long, Gene Myers, and Hanchuan Peng (HHMI/Janelia Farm)
Form and Function of the Olfactory System • May 23-26, 2010
Organizers: Leslie Vosshall (HHMI/The Rockefeller University) and Kazushige Touhara, (University of Tokyo)

Janelia Farm offers scholarships to graduate students who would otherwise be unable to participate in the conferences. The scholarships fund students who are from groups that are underrepresented in the sciences or who come from disadvantaged backgrounds.

Information: www.hhmi.org/janelia
Application deadline: November 10, 2009
The Department of Biology at Denison University invites applications for a tenure-track position beginning fall 2010. Ph.D. is required; a strong potential for excellence in teaching and a productive research program involving undergraduate students is essential. Area of specialization within the broader scope of cellular, molecular, or physiological research is open. Teaching responsibilities include introductory courses for both majors and nonmajors, an intermediate level cellular and molecular biology course, and two advanced cellular, molecular, or physiological courses.

Denison University is a selective and nationally ranked, residential liberal arts college located in Granville, Ohio, 25 miles east of the Columbus metropolitan area. We are committed to fostering an academically and culturally diverse faculty and community. The Department of Biology currently has 12 full-time faculty members who represent a wide range of specialty areas, and the annual teaching load is two-one (each course with a laboratory component). Our new Talbot Hall of Biological Science includes individual faculty offices and research laboratories, classrooms equipped for multimedia instruction, teaching laboratories, and greenhouses. We have departmental and college programs for mentoring and enhancing teaching. We offer competitive startup funds, a generous sabbatical leave program, a junior faculty leave following a successful third year review, and summer support for student and faculty research. See our website: http://www.denison.edu/biology for more detailed descriptions of the position and the program.

Applicants should submit electronic application materials online at website: http://www.denison.edu/offices/humanresources: a cover letter addressing their motivations for teaching at a small, undergraduate, residential, liberal arts college; separate statements of (1) teaching philosophy along with brief descriptions of proposed advanced courses, (2) research interests and future plans, and (3) potential to foster and support diversity among our students, faculty, and community; copies of transcripts (graduate and undergraduate); and the names, e-mail addresses, and telephone numbers of three references. Review of applications will begin October 2, 2009, and continue until the position is filled.

In a continuing effort to diversify our campus community, we actively encourage applications from people of color, women, veterans, people of diverse sexual identities/orientations, and others who may contribute positively to the diversification of ideas and perspectives. For additional information and resources about diversity at Denison, please see our Diversity Guide at website: http://www.denison.edu/offices/humanresources. Denison University is an Affirmative Action/Equal Opportunity Employer.

PEDIATRICS, CELL BIOLOGY AND PHYSIOLOGY
Children’s Hospital of Pittsburgh/University of Pittsburgh School of Medicine

Position is available to study the dynamic regulation of the endocytic trafficking of cystic fibrosis transmembrane conductance regulator by multiprotein interactions, including nonconventional molecular motors, Rab GTPases, and ubiquitin ligases. Immortalized human airway and intestinal epithelial cells, primary differentiated human bronchial epithelial cells among the model systems. Experience in molecular biology, cell biology, or electrophysiology necessary. Must be an American citizen or permanent U.S. resident (funded by the NIH award issued under the American Recovery and Reinvestment Act of 2009).

Send curriculum vitae and recent publications to: Agnes Swiatecka-Urbain, M.D., F.A.S.N., Assistant Professor, Children’s Hospital of Pittsburgh, Rangos Research Center, 7th Floor, Room 7119, Pittsburgh, PA 15201. Or e-mail: asurban@pitt.edu. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer. Applications from women and minorities are encouraged.

POSTDOCTORAL RESEARCH POSITIONS
Immediate openings due to cancellation
University of California, Irvine School of Medicine

University of California, Irvine offers a Neuroscience Epilepsy Research Postdoctoral Program Fellowship. The multidisciplinary postdoctoral program in epilepsy research has multiple openings for non-tenured, academic term appointments as Postdoctoral Scholar. The program supports diverse approaches to the understanding of the fundamental neurobiological processes leading to epilepsy and/or holding promise for its cure. Participating laboratories include: Tallie Z. Baram, Ph.D., M.D.: Mechanisms of epileptogenesis after febrile seizures, regulation of ion channels, in vivo and in vitro imaging; Devin Binder, M.D.: Water transport and water channels in epilepsy, Aquaporins, optical imaging; Steven Cramer, M.D.: Functional imaging and robotics for identification and cure of excitotoxic and ischemic insults; Christine M. Gall, Ph.D.: Neurotrophins, integrins, activity-dependent plasticity; Alan L. Goldin, M.D., Ph.D.: Sodium channels, transgenic approaches, electrophysiology; Gary Lynch, Ph.D.: Regulation of excitability and synaptic function and plasticity; Charles E. Ribak, Ph.D.: Gland cell plasticity, neuroanatomy; Mick Rugg, Ph.D.: Functional imaging of learning and memory circuits in health and disease; Ivan Soltesz, Ph.D.: Electrophysiology, computational neurobiology, interneurons and inhibition; Martin Smith, Ph.D.: Novel signaling - Agrin and neuronal excitability; Oswald Steward, Ph.D.: Mechanisms of vulnerability to excitotoxicity; John Weiss, M.D., Ph.D.: Excitotoxicity, calcium, and zinc trafficking. See website: http://www.uicbhs.uic.edu/epilepsyresearch/.

These positions starting summer/fall 2009 are funded by an NIH training grant (T-32): eligible candidates must be U.S. citizens or noncitizen nationals or must be lawfully admitted for permanent residence. An M.D. or Ph.D. degree is required, and M.D.-qualified candidates are highly encouraged to apply. Salary is commensurate with experience and based on the Kirschstein–National Research Service Award post-doctoral stipend levels for 2009. Candidates should submit resume and references electronically to e-mail: sara.johnson@uci.edu; Postdoctoral Search/Epilepsy, c/o Department of Anatomy and Neurobiology, Med Surge II, Room 364, University of California, Irvine, Irvine, CA 92697-1275.

The University of California, Irvine is an Equal Opportunity Employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities.

www.sciencecareers.org

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