The Department of Pharmacology seeks highly qualified applicants for two tenure track faculty positions at the Assistant or Associate Professor level. The department has new leadership and is undergoing expansion of its faculty and complete renovation of its research facilities. The department will recruit into any area of its broad research interests including signal transduction, cancer, neuroscience, pain, and cardiovascular disease. However, there is a preference for faculty with research interests linking cardiovascular and metabolic diseases.

Pharmacology faculty members direct an NIH funded training program for predoctoral students in Pharmacological Sciences and have strong collaborative interactions with colleagues throughout the Carver College of Medicine, Holden Comprehensive Cancer Center and the University. The faculty participate in interdisciplinary training programs including the Cardiovascular Center, as well as the Genetics, Molecular and Cellular Biology, Neuroscience and Medical Scientist Training Programs.

Newly remodeled outstanding research space with state of the art shared instrumentation is available. These tenure-track positions include a 12-month salary, benefits and a competitive start-up package. All applicants must have a relevant doctoral degree, with at least 2-3 years of postdoctoral training, a commitment to biomedical education and demonstrate a high level of productivity, strong communication and interpersonal skills. Candidates will be judged on their potential to initiate and maintain a creative, independent research program, their desire to train students and postdoctoral fellows, and to participate in departmental teaching activities.

To apply for this position, visit The University of Iowa website at http://jobs.uiowa.edu, requisition #58343. Applicants should include a CV and a letter of interest that provides a summary of research accomplishments and planned research program. Applicants for the rank of Associate Professor should provide names of three referees. Applicants for the rank of Assistant Professor should ask three referees to directly submit letters on their behalf to Search Committee at pharmacology-search@uiowa.edu. Review of applicants will begin October 1, 2010 and will continue until the positions are filled. Anticipated start date is July 1, 2011. Questions may be directed to Professor Curt D. Sigmund, Head, Department of Pharmacology, phone 319-335-7946, pharmacology-search@uiowa.edu.

The University of Iowa is an Equal Opportunity and Affirmative Action Employer.

ASSOCIATE SCIENTIST POSITIONS
SANFORD CHILDREN’S HEALTH RESEARCH CENTER

Sanford Children’s Health Research Center (SCHRC; Sioux Falls) invites applications from researchers for a full time faculty position at the rank of Associate Professor or Full Professor within Sanford Research/USD and the Department of Pediatrics of the Sanford School of Medicine at The University of South Dakota. A historic $400 million gift by philanthropist T. Denny Sanford has allowed for expansion of Sanford Research/USD, and development of a two-site program, with locations in Sioux Falls, SD and La Jolla, CA, specifically focused on children’s health. The La Jolla site is located within the Sanford-Burnham Institute for Medical Research, allowing for a unique partnership which includes open access to their state of the art core facilities and providing the basis for an integrated, world class, academic pediatric research network.

We seek outstanding scientists with research programs that contribute to molecular understanding and treatment of childhood diseases and developmental disorders. Applicants should have a demonstrated track record of successful extramural grant support and publications while holding a PhD, DVM, MD or MD/PhD degrees. Successful candidates will join the energetic and collegial research community at Sanford Research/USD, serving as a mentor to more junior faculty members, while advancing their independent research program. The researchers will hold both Sanford Research/USD and Sanford School of Medicine faculty appointments.

Significant institutional support including modern laboratory space and state-of-the-art facilities will be provided in the new Sanford Research Center. In addition, a comprehensive compensation package will be tailored to the individual’s qualifications. Candidates should submit a detailed curriculum vitae, description of research experience and future plans, and at least three letters of recommendation. Application materials should be sent to:

David A Pearce Ph.D.
Director, Sanford Children’s Health Research Center
Sanford Research/USD

Professor, Department of Pediatrics
Sanford School of Medicine of The University of South Dakota
2301 East 60th Street North
Sioux Falls, SD 57104-0589

Telephone: 605-312-6004 FAX: 605-312-6071
Email: pearce@sanfordhealth.org
http://www.sanfordhealth.org/Research/ResearchCenters/SanfordChildrensHealth/

Sanford Health is an Equal Opportunity/Affirmative Action Employer.
Five years ago Aaron Miller had a big decision to make. He was flourishing as a staff scientist at the National Institute of Standards and Technology (NIST) in Boulder, Colorado, where he wrote and worked on large research grants. However, with a third kid on the way and aging parents, he felt his hometown calling. Luckily for him one of his old physics professors at Albion College, the small college where he and wife completed their undergraduate studies and near both their families, was retiring and he had the opportunity to apply. He got the job and has never been happier—proof positive that when it comes to research institutions, sometimes smaller is better.

Miller is not alone. Many professors choose to teach and perform research at “small” research universities or colleges—often at huge sacrifices such as longer hours and lower pay. But for them, it’s their dream job.

DEFINING SMALL UNIVERSITIES: BIGGER THAN A BREADBOX?

Ask most people what constitutes a small university or college and you may get as many answers as there are schools. Some choose to define these institutions by their total number of students, others by the number or existence of graduate programs.

Smaller research colleges and universities are informally characterized as those that are not “research 1” universities, nomenclature bestowed by the Carnegie Classifications of Institutions of Higher Learning in 1994 to those institutes who give high priority to research, award 50 or more doctoral degrees each year, and annually received $40 million or more in federal support. This category was renamed in 2000 to “doctoral/research universities-extensive” to “avoid the inference that the categories signify quality differences.” The foundation changed the classification again in 2005 and plans another update later on this year, yet despite these series of changes, the defunct term still gets tossed around in academic circles.

Instead of this catch phrase, Kevin Schug, an assistant chemistry and biochemistry professor at the University of Texas at Arlington, likens smaller universities and colleges to “an old system in football in which you had 1A teams and several 1AA teams—they’re a little step down, but they’re not division 2 or 3.”

The majority of people, however, would likely agree that a school with an annual research and development budget around or under $50 million is a good cut-off point. This article identified four such universities and colleges: Albion College, The University of Texas at Arlington, Binghamton University, and Harvey Mudd College to explore the differences between small and large universities.

THE FEW, THE PROUD: WHY THEY COME

Why do research professors opt to come to these smaller schools where funding is limited?

“It’s often because they had a great experience at small schools in undergraduate school,” offers Susan Conner, provost of Albion College, a small private college in Michigan solely consisting of 1,700 undergraduate students and an annual research and development (R&D) budget of $630,000. “They had faculty with a huge passion for their research and teaching. They’re actually trying to get back to that kind of experience,” she adds. “We’re not a stepping stone to something else for them.”

This certainly was the case for Roger Albertson, an assistant biology professor at Albion College. continued on p. 1380
Division of Biological Sciences
University of California San Diego
Faculty Recruitment

The Division of Biological Sciences invites applications for 5 new tenure-track or tenured faculty positions with a strong preference for the rank of Assistant Professor. Candidates pursuing innovative research in the described areas are encouraged to apply. The Division of Biological Sciences at UC San Diego (http://biology.ucsd.edu/index.html) is committed to academic excellence and diversity within the faculty, staff, and student body.

**Systems biology:**
The Section of Molecular Biology is seeking applicants in the area of systems and synthetic biology, with a particular focus on interdisciplinary and quantitative approaches to cellular signaling and gene regulation.

**Plant systems biology:**
The Section of Cell and Developmental Biology invites applications in the field of plant systems biology in areas including, but not limited to, signaling, growth and development, plant-microbe interactions, natural variation, and comparative and quantitative genomics.

**Immunology, host-pathogen interactions:**
The Section of Molecular Biology invites applicants in the areas of immunology, immunopathology, virology, or host-pathogen interactions.

**Cell biology:**
The Section of Cell and Developmental Biology wishes to recruit a future colleague who combines the unique strengths of cell biology with cross-disciplinary approaches that might include genomic, proteomic, imaging and system network analysis, to understand how cells function and behave.

**Molecular biology, epigenetics:**
The Section of Molecular Biology invites applicants with research interests in any area of molecular biology, though preference will be given to those who have a particular focus on epigenetics, epigenomics, and RNA biology.

The successful candidates are expected to have a broad interest in their chosen field, and to complement existing strengths in the Division. All candidates must have earned a Ph.D., M.D., or equivalent degree, and have demonstrated excellence and creativity in research and scholarship. The successful candidate is also expected to participate in the graduate and undergraduate teaching curricula. Preference will be given to candidates with experience in equity and diversity with respect to: teaching, mentoring, research, life experiences, or service towards building an equitable and diverse scholarly environment. The level of appointment will be commensurate with qualifications and experience. Start-up funds will be provided to establish a competitive research program, and salary will be based upon the University of California pay scale.

Complete applications received by **November 1, 2010**, will be assured of consideration. Interested applicants must submit cover letter, curriculum vitae, a statement of research, a statement of teaching, contact information for 3-5 references and a personal summary statement describing their past experience and leadership in equity and diversity and/or their potential to make future contributions in the field. Applications must be submitted through the University of California San Diego’s Academic Personnel RECRUIT System at https://apol-recruit.ucsd.edu/. Further details about the required application material can be found at: http://biology.ucsd.edu/jobs/ladder_info.html.

UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.
A community college teacher saw things in me that I didn’t see in myself. He helped shape my character,” he says. As such Albertson was looking for a way to give back. He sensed, however, that many primary investigators consider it “a step down for people who can’t make it in a ‘research 1’ school.” But after much introspection and recognizing his own aptitude for teaching and relating to the students, Albertson concluded that, “for me, it became not do I have what it takes, but what is my true passion and how can I best contribute to this world?”

Another reason, states Pamela Jansma, dean of the College of Science at The University of Texas at Arlington, a mid-size university comprising around 30,000 undergraduate and graduate students and an annual R&D budget of $52 million, is that “people choose to come if they felt the environment was less stressful in terms of the pressure to raise external funding and publish.”

Schug shares this same sentiment. “When successful in obtaining grants, it’s easier to become a bigger fish in a smaller pond,” he says. “With success comes respect a little bit earlier, especially in a school our size.”

Gerald Sonnenfeld, vice president for research at Binghamton University, another mid-sized university with around 15,000 graduate and undergraduate students and an annual R&D budget of $44.5 million, offers a quality versus quantity argument. “The quality of what we do here I would put up against any other university,” he says. “It’s just we don’t do it in as many areas as a larger university would do.”

Supporting this argument is Wayne Jones, an inorganic and materials chemistry professor and department chair at Binghamton University. “Larger universities are more rigid and have lots of infrastructure and lots of redundancy,” he says. “This is different at smaller universities where one has to struggle to get the critical mass to do research. However, this shortage provides lots of opportunities to do interdisciplinary research, which, in my opinion, is where the most exciting science can be found.”

For others, the choice is one of pride explains Kerry Karukstis, former president of the Council on Undergraduate Research and chemistry professor at Harvey Mudd College, a private California college with 750 undergraduates and annual R&D expenses of $2.3 million. “For faculty at undergraduate institutions, the choice is deliberate: For us, there is no greater honor than to have the accolade ‘teacher-scholar’ associated with our name.”

FUNDING: ONE SIZE FITS ALL?
When it comes to research funding, institutional size does not matter, according to Conner. “Everybody’s pretty much in the same pot,” she says. To increase a university’s funding chances from this limited supply, she adds, “You want some faculty who have grant experience because they know how to write grants and can mentor others from their experience. Also, successfully obtaining grants creates a track record, thus enabling researchers to obtain even more grants.”

Most faculty members in the sciences receive startup funds ranging from $10,000 to $70,000 to start up their lab. However, once settled, the faculty members must venture forth and accumulate their research nest egg. These foragings typically involve federal institutions such as the U.S. Departments of Energy and Defense, the National Institutes of Health (NIH), and the National Science Foundation (NSF).

Among the highly sought-after grants are the NIH’s Academic Research Enhancement Award (AREA) and the NSF’s Research Undergraduate Institute (RUI) grant. Both are extremely competitive and selective; only the top 10 to 15 percent of applications receives funding. Even more daunting: These grants, while offered solely to undergraduate institutions, do not distinguish smaller universities from larger and more research-experienced institutions.

“We’re out there competing with everybody,” comments Robert Drewell, an associate professor of biology at Harvey Mudd College.

The funding situation forces institutions to be creative and seek other sources of support from foundations like the Howard Hughes Medical Institute (HHMI) or private companies. The American Chemistry Society’s Petroleum Research Fund, for example, lends a hand to many faculty researchers at Albion. Similarly, The Welch Foundation provides funding for the chemistry and physics departments at The University of Texas at Arlington. Situated near IBM’s hometown, Binghamton’s research allowance partially stems from the electronics companies in the area.

MORE FOR LESS: WORKLOAD BALANCE
For most professors teaching is their full-time job—they do research solely on a part-time basis.

Although the teaching load varies from college to college, ranging from one to three classes and/or laboratories per semester, for the most part, undergraduate professors have the summer off from their teaching duties. This is the period during which the bulk of their research gets done.

“Since there’s not much time to do research during the semester I usually bring it into the teaching labs,” says Albertson. It also serves another purpose for him: to identify which undergraduate(s) would like to work in his lab and do research for academic credit.

Choosing an undergraduate student as a research assistant—as well as a research project—can be tricky, notes Alex Weiss, professor and associate chair of physics at The University of Texas at Arlington.

“They have a different way of working,” Weiss says. “Doctoral students provide a lot of ideas, go to the literature themselves, and contribute to the direction of research—they are not just hands-on. Undergraduates and masters students are mostly doing the research under the director supervision of the professor—the amount of research done this way is limited.”

As such, he adds, “at a smaller university, professors tend to go into niches where they’re not directly competing with big groups. One can’t jump on the bandwagon since continued on p. 1382»

“For me, it became not do I have what it takes, but what is my true passion and how can I best contribute to this world.”

—Roger Albertson
15 NEW FACULTY in 5 NEW AREAS

The Wisconsin Institute for Discovery (WID) announces multiple faculty openings in each of five research theme areas:

TISSUE ENGINEERING SCAFFOLDS will advance the science and engineering of manufacturing scaffolds with the aid of nanotechnology. It will build a library of scaffolding materials and cost-effective, mass-production methods that will work for a wide range of cell types in an array of in-vitro and in-vivo applications.

EPIGENETICS will focus on the molecular, chemical and physical basis underlying epigenetic mechanisms and will serve as the physical and intellectual center on campus that will catalyze interdisciplinary collaborations involving basic and translational research in epigenetics.

LIVING ENVIRONMENTS LABORATORY is an interdisciplinary team that will work together to accelerate the design and deployment of technologies to support health care in the home. Using physical and simulated environments including a virtual reality CAVE™ and a design development lab we hope to inspire and stimulate designers of home health care products, new materials for health, and new devices for personal care.

OPTIMIZATION aims to develop and apply optimization technology to systems-level problems emerging in science and engineering applications in an interdisciplinary, integrative, and collaborative fashion.

SYSTEMS BIOLOGY will advance the frontiers of knowledge by promoting synergistic research, education, and outreach at the interfaces of experimental, computational and evolutionary biology. Areas of special interest include virus-host and microbe-host interactions, innate and adaptive immunity, and ecological and evolutionary dynamics.

The Wisconsin Institute for Discovery will be the home of world-class interdisciplinary biomedical research spanning the fields of bio-, nano- and information technologies, and will occupy a state-of-the-art building opening in December 2010. In addition to WID, this innovative facility will house the privately-funded Morgridge Institute for Research, feature a Town Center with unique opportunities for public science education, and has been designed to prompt interactions among researchers from diverse disciplines. The goals of the institutes are to improve human health and well-being through breakthrough scientific research, and to enhance the University of Wisconsin–Madison’s already considerable strengths in interdisciplinary research.

The University of Wisconsin-Madison is a world-class academic institution with an international reputation for basic, applied and cross-disciplinary research. It attracts scholars and students at all levels from around the world. Nationally, UW-Madison ranks fourth among all U.S. universities for research and development expenditures, exceeding $950 million annually. Madison, Wisconsin is surrounded by beautiful lakes and ranks nationally among the most desirable places to live.

See our website for more details and to apply: www.discovery.wisc.edu/wisconsin/careers
“People choose to come if they felt the environment was less stressful in terms of the pressure to raise external funding and publish.”
—Pamela Jansma

one doesn’t have the resources to beat out the MITs, Caltechs, and Cornells. You have to pick your research topics carefully.”

Because teaching is given first priority in smaller research universities, some institutions struggle with encouraging professors to obtain external grants while maintaining their teaching requirements. Most universities reduce the teaching loads for those professors who bring in a significant amount of research funding by either lowering the number of classes they have to teach per semester or allowing the professor to “buy out” of their teaching requirement. In the latter option, teachers use part of their grant money as their teaching salary, thereby allowing the university to use the teaching salary it would normally pay these professors to hire class lecturers.

SAFETY IN NUMBERS: COLLABORATIONS
Balancing research and teaching can be tricky for university professors, regardless of whether they’re from big or small universities.

Aaron Miller, an associate professor in the Department of Physics at Albion, succinctly sums up the research/teaching balance conundrum: “How do you stay up in your field when you can only put a quarter of your year into it?” he says. “That’s the real challenge.”

Typically, Miller says, professors perform side projects that are less relevant to the scientific community and maintain collaborations with larger universities and corporations for more high-profile research. Miller, for instance, does contractual work at larger institutions such as Northwestern University, University of Virginia, and NIST-Boulder (the latter at half the salary he used to get when he worked there full-time).

The tools needed for research can also be lacking in smaller research universities, thus further encouraging collaborations. Albertson conducts a portion of his summer research with his collaborators at the University of California Santa Cruz so that he can use their confocal microscope—an expensive piece of equipment that his school does not have. Similarly, while Schug has mass spectrometry instrumentation in his laboratory, the University currently lacks a core mass spectrometry facility. Core facilities are key infrastructure components, and when they are missing, forward progress in some research areas can be impeded.

“Collaborations are a way for people at smaller places to get around the scale problem,” says Weiss.

Despite working fewer hours on their research and with fewer people—typically a handful of undergraduates and graduate students—most of the professors felt that their publication rate would not vary whether they were in a larger versus smaller university.

Some, however, felt that in the publish or perish environment of research, there is safety in numbers.

“Without continued collaborations, I would not get many publications at all,” says Miller.

Still many point out that despite the slower pace and limited supplies and time, the quality of the research is the same regardless of the quantity of papers produced.

Yet, Karukstis points out, “Our work is published in the same peer-reviewed journals.”

CONCLUSION: GOOD THINGS COME IN SMALL PACKAGES
“there are pluses and minuses to working in a small institution,” says Weiss.

Some, like Jones, feel that it is a call of duty. “Right now the United States struggles getting more students interested in pursuing careers in science,” he says. “The key going forward is to find ways to get more students excited and interested in science and engaged in the process of discovery. It will take all types, sizes, and shapes of universities to sustain our technology work force and solve the next generation of problems.”

Certant intangibles need also to be considered.

“The quality of life issue was a major decision for us,” says Miller. “That’s hard to weigh but it’s significant. We were looking for a way to get back to a small environment where we can be highly involved in our kids’ educations, but can still be involved in doing some world-class research.”

For Miller, and many other faculty members, their decision to pursue a career at a smaller research university was an easy one.

Jacqueline Ruttimann Oberst is a freelance writer living in Chevy Chase, Maryland.

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FEATURED PARTICIPANTS

Albion College
www.albion.edu
American Chemical Society
www.acs.org
Binghamton University
www.binghamton.edu
Council on Undergraduate Research
www.cur.org
Harvey Mudd College
www.hmc.edu
Howard Hughes Medical Institute
www.hhmi.org
National Institutes of Health: Academic Research Enhancement Award Grant
www.grants.nih.gov/grants/funding/area.htm
National Institute of Standards and Technology
www.nist.gov

National Science Foundation
www.nsf.gov
Northwestern University
www.northwestern.edu
The Carnegie Classification of Institutions of Higher Education classifications.carnegiefoundation.org
The Welch Foundation
www.welch1.org
U.S. Department of Energy and Defense
www.energy.gov
University of Texas at Arlington
www.uta.edu
University of Virginia
www.virginia.edu

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www.sciencecareers.org
The European Molecular Biology Laboratory is searching for Group Leaders. EMBL offers a highly collaborative, uniquely international culture. It fosters top quality, interdisciplinary research by promoting a vibrant environment consisting of young, independent researchers with access to outstanding graduate students and postdoctoral fellows. EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation.

Research Group Leader Opportunities at EMBL Heidelberg, Germany

CELL BIOLOGY & BIOPHYSICS

The Cell Biology and Biophysics Unit takes an interdisciplinary approach to cell biology where biologists work closely together with physicists and chemists. As a result, the highly collaborative mix of groups covers a broad range of technologies, including advanced microscopy, molecular cell biology, biochemistry and genetics to modelling and computer simulations as well as chemical biology. The research focuses on understanding the principles underlying the self-organisation and function of complex and dynamic cellular structures, including the nucleus, cytoskeleton and endomembrane system, in the context of single cells and developing organisms.

GROUP LEADER – CELL BIOLOGY & BIOPHYSICS

We seek innovative candidates working on morphogenetic events in living cells. We will consider outstanding candidates in any area of cell biology. We would like to encourage applicants with a strong background in cell biology, physics or chemistry.

GROUP LEADER – DEVELOPMENT OF ADVANCED LIGHT MICROSCOPY METHODS

We are seeking innovative candidates who will develop novel light microscopy-based imaging methods to address cell biological questions in the cellular or organismal context.

Further information about both positions can be obtained from the Head of Unit Jan Ellenberg (jan.ellenberg@embl.de).

Interviews are planned for 17, 18 and 19 November 2010.

APPLICATION INSTRUCTIONS

Please apply online through www.embl.org/jobs and include a cover letter, CV and a concise description of research interests & future research plans. Please also arrange for 3 letters of recommendation to be emailed to references@embl.de.

Information on Group Leader appointments can be found under www.embl.org/gl_faq. Please note that appointments on fixed term contracts can be renewed, depending on circumstances at the time of the review.

GENOME BIOLOGY

The Genome Biology Unit studies the molecular mechanisms by which genetic information is expressed and regulated to yield complex biological systems, and how genetic variation leads to phenotypic diversity. The Unit addresses questions at different scales, ranging from detailed mechanistic studies (using genetics, biochemistry and cell biology) to genome-wide studies (using functional genomic, proteomic and computational approaches). This powerful combination enables the Unit to dissect and model complex processes going from genotype to phenotype.

GROUP LEADER – GENOME BIOLOGY

This group leader position provides a very competitive package to support an independent research group in an excellent scientific and highly collaborative environment. We particularly encourage candidates with experience in global aspects of epigenetic and chromatin biology, gene expression regulation, stem cell biology or synthetic biology to apply, but welcome candidates with demonstrated excellence in any area of genome biology.

Further information about this position can be obtained from the Heads of Unit Eileen Furlong (eileen.furlong@embl.de) or Lars Steinmetz (lars.steinmetz@embl.de).

Interviews are planned for 22, 23 and 24 November 2010.
Assistant Professor of Biology: Animal Physiology

The Department of Biology at Fairfield University invites applications for a tenure-track Assistant Professor position in biology beginning fall 2011. Applicants are expected to have a Ph. D. in the Biological Sciences, a strong commitment to excellence in undergraduate teaching, and potential for developing an active and sustainable research program.

The area of specialty should be Animal/Human Physiology with preference given to candidates with research and teaching interests in physiology at the organizational level. Applicants should be prepared to teach undergraduate courses including participation in the introductory biology series, human anatomy and physiology for biology majors and upper division courses in their area of expertise. Areas of specialization of particular interest to the department include, but are not limited to: Neurophysiology, Reproductive Physiology, Nutritional/Metabolic Physiology, and Kinesiology. The teaching load is three courses each semester. The candidate will join a vibrant and diverse department consisting of thirteen full-time faculty members representing a range of specialties across the biological sciences. The candidate will be expected to engage undergraduates in an active research program related to their field.

Fairfield University is a Jesuit, Catholic institution, consistently ranked as a top comprehensive university in New England and located in the scenic shoreline community of Fairfield, CT, one hour from New York City along Long Island Sound. Our six Colleges and Professional Schools enroll approximately 3,500 undergraduate and 1,200 graduate students, developing intellectual potential in the Jesuit tradition. Review of applications will begin immediately; for full consideration all material must be submitted by Sept 30, 2010. The salary and the benefits for the position are competitive. Applicants should submit curriculum vitae, graduate transcript, statements of both teaching philosophy and research interests, representative reprints of scholarly work, and three letters of reference. These should be sent to: Dr. Brian Walker, Chair, Department of Biology, Fairfield University, Fairfield, CT 06824. The full ad may be viewed at http://www.fairfield.edu/academic/acca_fac_openings.html. No electronic applications will be accepted.

Fairfield University is an Equal Opportunity/Affirmative Action employer, committed to excellence through diversity, and, in this spirit, particularly welcomes applications from women, persons of color, and members of historically underrepresented groups. The University will provide reasonable accommodations to all qualified individuals with a disability. Also, in accordance with the federal Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act, the University annually collects and makes publicly available information about campus crimes and other reportable incidents (www.fairfield.edu).

Tenure-track faculty positions are open for highly qualified individuals to establish independent research programs in the broad area of molecular and cellular biology. Applicants should hold a Ph.D. degree or its equivalent, and postdoctoral research experience in the area of interest. The successful individual will have been appointed at the levels of Assistant, Associate, or Full Research Fellows (equivalent to academic ranks of Assistant, Associate and Full Professors at universities), and receive a generous multi-year start-up package, followed by annual intramural support.

The Institute of Molecular Biology at Academia Sinica (http://www.imb.sinica.edu.tw/en) provides an active and stimulating research environment, is well supported by both extramural and long-term intramural funding, and features several core facilities (imaging, microarray & RNAi, electrophysiology, FACS, bioinformatics and mouse facilities) that provide state-of-the-art resources and key technical expertise to the Institute’s research community. Recent research works were published in top journals such as Science, Nature, and Cell. Currently three Ph.D. programs, with one recruiting international students, are formally affiliated with the Institute. English is the official language for regular seminars and most of the lectures at the Institute, and proficiency in Chinese language is not a prerequisite for application.

Applicants should send their Curriculum Vitae, a description of past research accomplishments and future research interests, and arrange for three letters of recommendation to be sent directly to:

Dr. Meng-Chao Yao, Director
c/o Ms. Vivi Chiang
Institute of Molecular Biology, Academia Sinica
Taipei, Taiwan 11529, ROC

The selection process will start on December 15, 2010 until the positions are filled. Further information can be obtained from Ms. Vivi Chiang at vivi@imb.sinica.edu.tw

Faculty Position
Department of Cell Biology
Yale University School of Medicine

The Cell Biology Department seeks exceptional candidates at the rank of Assistant and Associate Professor who wish to engage in independent research programs in the field. Successful candidates will have Ph.D., and/or M.D. degrees and a demonstrated record of originality and productivity in research during graduate training and/or post-doctoral research, as well as well-formulated plans for independent research. Although the focus is on tenure-track junior faculty appointments, applicants for senior faculty ranks may also be considered. The Department is undergoing a major expansion under the Chair, Dr. James E. Rothman. Exceptional candidates in all areas of cell biology will be considered.

Please email your CV with a list of publications, a summary of doctoral research [1 page], a summary of postdoctoral research [max. 2 pages], and a research plan [max. 3 pages], along with the names and addresses (including email) of three potential references by October 25, 2010 to: cellbio.search@yale.edu.

Applications from, or nominations of, women and minority scientists are encouraged. Yale is an Affirmative Action/Equal Opportunity Employer.
The University of Michigan announces recruitment for the Biological Sciences Scholars Program (BSSP) to continue to enhance its investigational strengths in the life sciences research programs.

Now entering its 14th year, this Program has led to the recruitment of outstanding young scientists in the areas of genetics, microbiology, immunology, virology, structural biology, pharmacology, biochemistry, molecular pharmacology, stem cell biology, cancer biology, physiology, cell and developmental biology, and the neurosciences. The Program seeks individuals with PhD, MD, or MD/PhD degrees, at least two years of postdoctoral research experience, and evidence of superlative scientific accomplishment and scholarly promise. Successful candidates will be expected to establish a vigorous, externally-funded research program, and to become leaders in departmental and program activities, including teaching at the medical, graduate, and/or undergraduate levels. Primary college and department affiliation will be determined by the applicant’s qualifications and by relevance of the applicant’s research program to departmental initiatives and focus. All faculty recruited via the BSSP will be appointed at the Assistant Professor level.

APPLICATION INSTRUCTIONS: Please apply to the Scholars Program through the BSSP website at: (http://www.med.umich.edu/medschool/research/bssp/). A curriculum vitae (including bibliography), a three-page research plan, an NIH biosketch, and three original letters of support should all be submitted through the BSSP website. More information about the Scholars Program, instructions for applicants and those submitting letters of recommendation, and how to contact us is located on the BSSP web site: (http://www.med.umich.edu/medschool/research/bssp/). The deadline for applications is Friday, October 29, 2010.

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

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Faculty Position in Genetics

The Department of Genetics at Rutgers, The State University of New Jersey seeks an outstanding scientist to complement the existing faculty in computational genetics, moving our program into exciting new areas and expanding our existing strengths. Tenure-track or tenured appointment will be made at the Assistant, Associate, or Full Professor level. Areas of interest include, but are not limited to, bioinformatics, statistical genetics, theoretical or experimental genomics, population or evolutionary genetics, and analysis of complex genetic diseases. Appropriate candidates will also be considered for appointment to the Human Genetics Institute of New Jersey. Core resources and startup funds will be provided. Research space, including wet lab if needed, will be provided in the newly constructed Life Sciences Building.

The Department of Genetics is home to nearly 30 faculty who use a broad range of approaches and experimental systems in numerous well-funded research programs. The department is part of a vibrant and interactive life sciences community that includes over 200 faculty in the Departments of Molecular Biology and Biochemistry, Cell Biology and Neuroscience, and the Robert Wood Johnson Medical School. The New Brunswick/Piscataway campus is located in suburban central New Jersey, close to New York City, Philadelphia, beaches, and countryside. For more information on the Department and Rutgers, see: http://genetics.rutgers.edu/recruitment.

Candidates must have a Ph.D. and/or M.D., demonstrated record of significant research, the potential to make substantial contributions as an independent investigator, and have a commitment to teaching undergraduate and graduate students. Applicants should submit a CV, a detailed statement of research interests, a teaching statement, and full contact information for three individuals willing to provide letters of reference. Applications should be submitted electronically at http://genetics-facsearch.rutgers.edu/apply and inquiries made to Ms. Sheri Lumpkin, lumpkini@dls.rutgers.edu. Review of applications will begin October 15, 2010 and continue until the position is filled.

Rutgers University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Women, minorities, and members of under-represented groups are encouraged to apply.

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Faculty Position in Computational Genetics

The Department of Genetics in the School of Arts and Sciences at Rutgers, The State University of New Jersey seeks an outstanding scientist to complement the existing faculty in computational genetics, moving our program into exciting new areas and expanding our existing strengths. Tenure-track or tenured appointment will be made at the Assistant, Associate, or Full Professor level. Areas of interest include, but are not limited to, bioinformatics, statistical genetics, theoretical or experimental genomics, population or evolutionary genetics, and analysis of complex genetic diseases. Appropriate candidates will also be considered for appointment to the Human Genetics Institute of New Jersey. Core resources and startup funds will be provided. Research space, including wet lab if needed, will be provided in the newly constructed Life Sciences Building.

The Department of Genetics is home to nearly 30 faculty with diverse interests and numerous well-funded research programs, and is part of a vibrant life sciences and computational community. Our computational group collaborates with academic departments and interdisciplinary institutes in the life and computer sciences, statistics, and medicine. The New Brunswick/Piscataway campus is located in suburban central New Jersey, close to New York City, Philadelphia, beaches, and countryside. For more information on the Department and Rutgers, see: http://genetics.rutgers.edu/recruitment.

Candidates must have a Ph.D. and/or M.D., demonstrated record of significant research, the potential to make substantial contributions as an independent investigator, and have a commitment to teaching undergraduate and graduate students. Applicants should submit a CV, a detailed statement of research interests, a teaching statement, and full contact information for three individuals willing to provide letters of reference. Applications should be submitted electronically at http://genetics-facsearch.rutgers.edu/apply and inquiries made to Ms. Sheri Lumpkin, lumpkini@dls.rutgers.edu. Review of applications will begin October 15, 2010 and continue until the position is filled.

Rutgers University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Women, minorities, and members of under-represented groups are encouraged to apply.
The Department of Pharmacology and Physiology at Drexel University College of Medicine is seeking applications for full-time, tenure-track faculty to fill positions in the disciplines of Pharmacology and Physiology. This initiative continues our effort to attract outstanding candidates to this Department. We have hired six new faculty within the past year and will continue these efforts to build the Department with an emphasis on strong research-based programs. The Department of Pharmacology and Physiology is in the process of continuing to renovate laboratory and support space to accommodate new and existing faculty as part of the overall initiative to enhance the departmental research, its infrastructure, and educational strengths.

We seek outstanding candidates with a demonstrated commitment and the ability to pursue research in a number of areas in Pharmacology or Physiology. Applicants are expected to demonstrate the capacity to establish or transfer an outstanding and scientifically sound research program that will attract and maintain research funding. Candidates should also be committed to training and education at the graduate and medical school levels. Active participation in the development of a collegial and collaborative research environment is expected. Competitive start-up packages are available.

Applications at the Assistant through the Full Professor level will be considered. The specific research areas for individuals interested in a position are not specified but must complement and/or enhance those within the Department. Areas of focus and faculty interests are available on the Departmental website.

The Department of Pharmacology and Physiology is one of four basic science departments within the College of Medicine. Opportunities for collaborative efforts with these departments as well as with the clinical departments, the School of Biomedical Engineering and College of Engineering are ongoing and strongly encouraged, as are collaborations with other institutions and organizations within the Greater Philadelphia Area.

For more information please consult the following websites for Department of Pharmacology and Physiology (http://education.drexel.edu) and for graduate biomedical and medical programs at Drexel University College of Medicine (http://webcampus.drexelmed.edu/). Applicants should submit their curriculum vitae, a statement of their current research and future research directions, relevant teaching experience, and the names of three references to Carolann.Inmes@drexelmed.edu. Review of applications will begin immediately.

University of Central Florida is expanding its Biomedical Research and Education Program into a new 198,000 sq. 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 must hold an earned doctorate in a discipline appropriate to the school and 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 the new multimillion-dollar shared core instrumentation facilities will be provided. Medical campus is part of multibillion-dollar biomedical cluster that includes the Burnett School of Biomedical Sciences, the Medical School, Sanford-Burnham Medical Research Institute, Veterans Administration Hospital and Nemours Children’s Hospital. Burnett School researchers will have access to the extensive core facilities in the adjacent Sanford-Burnham Medical Research Institute.

The University of Central Florida is the nation’s third largest university and ranks third in innovation and patents. It is located in Orlando, a dynamic and progressive metropolitan region, a major player in 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 November 1, 2010. Please apply specifying your area of interest, a curriculum vitae, a two page summary of research plans and contact information for three (or more) references to biomed@mail.ucf.edu.

The University of Central Florida is an equal opportunity, equal access, and affirmative action employer.

The Department of Biochemistry & Molecular Biology at UMass Amherst invites applications from Ph.D.-level scientists for a tenure-track position at the level of ASSISTANT PROFESSOR. We seek candidates with research programs in topics that complement existing Departmental and campus strengths in cellular biochemistry, including signal transduction, membrane biology, metabolism, gene expression and regulation, and cytoskeletal organization.

We are particularly interested in individuals who study plant systems. The successful candidate will be expected to contribute to ongoing interdisciplinary programs focused on renewable energy, cellular engineering, and research at the interface of chemistry and biology. He/she will have access to students from several interdepartmental graduate programs and will be expected to participate in teaching at both undergraduate and graduate levels.

The Five College Consortium, comprised of Smith College, Amherst College, Mount Holyoke College, Hampshire College, and the University of Massachusetts Amherst, provides a rich academic and intellectual environment. The Department is strongly committed to increasing the diversity of the faculty, student body, and curriculum.

Applicants should send curriculum vitae, a description of research interests, and arrange for three letters of recommendation to be sent electronically to Prof. Jennifer Normandy at bmbsearch@biochem.umass.edu or BMB Search, Biochemistry & Molecular Biology, LGRT 913, 710 N. Pleasant St., University of Massachusetts, Amherst, MA 01003. Review of applications will begin October 15, 2010 and continue until the position is filled.

The University of Massachusetts is an Affirmative Action/ Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.
CHAIR, DEPARTMENT OF PATHOLOGY
UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER
DALLAS, TEXAS

The University of Texas Southwestern Medical Center invites applications and nominations for the position of the Chair of the Department of Pathology.

UT Southwestern is at the forefront of many scientific fields, including cancer, genetics, metabolism, heart disease and neuroscience and counts four Nobel laureates, 18 members of the National Academy of Sciences, and 18 members of the Institute of Medicine of the National Academy of Sciences among its faculty.

This is an exciting time for the UT Southwestern Medical Center. A new University Hospital is in the planning stage with expected occupancy in 2015; a new Parkland Hospital will be constructed at the same time. The chair of Pathology and the department of Pathology faculty will play an important role in realizing the opportunities that these new facilities will provide.

We seek a recognized leader with an outstanding academic background, including strong clinical and research credentials, demonstrated commitment to education, experience in mentoring junior faculty, and proven leadership and management skills. Candidates must have an MD or PhD degree, or equivalent, and must have academic credentials for a tenured faculty appointment at the University of Texas Southwestern Medical School. Board Certification in Anatomic and/or Clinical Pathology is preferred.

Interested individuals should send a curriculum vitae and cover letter to the Chair of the Search Committee, James K.V. Willson, MD, Pathology Chair Search Committee, c/o Marci Martinez, 5323 Harry Hines Blvd. Dallas, TX 75390-8590, Marci.martinez@utsouthwestern.edu

University of Texas Southwestern Medical Center of Dallas is an Equal Opportunity Employer.

The University of California, Riverside
School of Medicine

seeks to recruit three faculty members at the tenured Associate to Full Professor level. Successful applicants will be appointed in the Division of Biomedical Sciences, joining a small group of exceptional faculty members who have directed a successful M.D. program in collaboration with UCLA for the past 33 years. The newly-approved School of Medicine will evolve from the current Division and is slated to open in August of 2012. Successful candidates will be expected to bring and maintain a vigorous, well-funded research program and provide research leadership through group development and collaboration with existing faculty, both within and outside of the Medical School. Areas of research within the Division include integrative immunology (vaccine development, neuro-immune, endocrine-immune, host-pathogen interactions), glial-neuronal interactions, cancer biology, cardiovascular disease, and diseases of ion transport. Particular strengths on the campus include genetics, epigenetics, genomics/bioinformatics, microRNAs, vector biology, bioengineering and nanotechnology, and synthetic and analytical chemistry. UCR has several vivariums, including a new one ready for occupancy, and excellent core facilities in genomics, microscopy, and stem cell biology, the latter supporting an emerging focus on campus. Substantial initial complement and research space in a brand new medical research building with a BSL-3 facility is available. The Division of Biomedical Sciences sponsors an innovative Ph.D. program that integrates the core medical curriculum with biomedical graduate training and research. Successful candidates would be expected to teach in the medical curriculum and actively participate in the Biomedical Sciences Ph.D. program.

Position 1: Role of inflammation in the onset or progression of disease, including its role in cancer, metabolic syndrome, and cardiovascular disease, as well as autoimmune and infectious diseases.

Position 2: Molecular mechanisms of CNS neurological disease, including genetic and environmental, causes, and immune- or glial-neuronal interactions in neurodevelopment and neurodegeneration.

For both of these positions, the ideal candidate would utilize one or more mammalian disease models that contribute to investigation of molecular and cellular mechanisms.

Position 3: Population-based health outcomes/effectiveness research, including population-based assessment of health and wellness, assessment of health interventions and health disparity, and access research. We are particularly interested in those individuals experienced in comparable effectiveness research who could analyze site and type of practice variability in the inland Southern California area. Approaches to quantify behaviors, services and tools that could lead to superior patient outcomes and lowered cost of care are also desirable.

All applicants must hold a Ph.D., M.D., or equivalent degree and qualify for appointment at the tenured Associate Professor level. For all three positions, research programs that are particularly applicable to the mission of the medical school are highly encouraged:

- To improve the health of the people of California and, especially, to serve Inland Southern California by training a diverse workforce of physicians and by developing innovative research and health care delivery programs that will improve the health of the medically underserved in the region and become models to be emulated throughout the state and nation.

Applications will be reviewed beginning October 1, 2010 and the position will remain open until filled. Applicants should send a curriculum vitae, a statement of research accomplishments and goals, and the names of three individuals who will be asked to provide letters of reference once a short list is developed to Faculty Search Committee Chair (state position 1, 2 or 3), Division of Biomedical Sciences, University of California, Riverside, CA 92521.

UC Riverside is an Equal Opportunity/Affirmative Action Employer.

University of Michigan

Presidential Interdisciplinary
Junior Faculty Initiative:
Genes, Environment, and Behavior (GEB)

The University of Michigan intends to recruit a cluster of five new faculty members at the rank of assistant professor (tenure-track) whose research programs explore the links between genes, environment, and behavior. Each new hire will have a faculty appointment in one of the following academic departments: Psychology or Molecular, Cellular, and Developmental Biology (in the College of Literature, Science, and the Arts); or Neurology, Human Genetics, or the Molecular and Behavioral Neuroscience Institute (in the Medical School). These faculty, who are expected to interact through this program, will also be integrated into the University’s vigorous academic community of behavioral and molecular neuroscientists, developmental and cognitive psychologists, geneticists, and biologists.

To ensure full consideration, all applications should be received by October 15, 2010 and must be submitted online at http://www.mcdb.lsa.umich.edu/geb, where additional information about this program and about the University of Michigan can be found.

Women and underrepresented minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer.

University of California, Riverside
School of Medicine

The University of California, Riverside
School of Medicine

seeks to recruit three faculty members at the tenured Associate to Full Professor level. Successful applicants will be appointed in the Division of Biomedical Sciences, joining a small group of exceptional faculty members who have directed a successful M.D. program in collaboration with UCLA for the past 33 years. The newly-approved School of Medicine will evolve from the current Division and is slated to open in August of 2012. Successful candidates will be expected to bring and maintain a vigorous, well-funded research program and provide research leadership through group development and collaboration with existing faculty, both within and outside of the Medical School. Areas of research within the Division include integrative immunology (vaccine development, neuro-immune, endocrine-immune, host-pathogen interactions), glial-neuronal interactions, cancer biology, cardiovascular disease, and diseases of ion transport. Particular strengths on the campus include genetics, epigenetics, genomics/bioinformatics, microRNAs, vector biology, bioengineering and nanotechnology, and synthetic and analytical chemistry. UCR has several vivariums, including a new one ready for occupancy, and excellent core facilities in genomics, microscopy, and stem cell biology, the latter supporting an emerging focus on campus. Substantial initial complement and research space in a brand new medical research building with a BSL-3 facility is available. The Division of Biomedical Sciences sponsors an innovative Ph.D. program that integrates the core medical curriculum with biomedical graduate training and research. Successful candidates would be expected to teach in the medical curriculum and actively participate in the Biomedical Sciences Ph.D. program.

Position 1: Role of inflammation in the onset or progression of disease, including its role in cancer, metabolic syndrome, and cardiovascular disease, as well as autoimmune and infectious diseases.

Position 2: Molecular mechanisms of CNS neurological disease, including genetic and environmental, causes, and immune- or glial-neuronal interactions in neurodevelopment and neurodegeneration.

For both of these positions, the ideal candidate would utilize one or more mammalian disease models that contribute to investigation of molecular and cellular mechanisms.

Position 3: Population-based health outcomes/effectiveness research, including population-based assessment of health and wellness, assessment of health interventions and health disparity, and access research. We are particularly interested in those individuals experienced in comparable effectiveness research who could analyze site and type of practice variability in the inland Southern California area. Approaches to quantify behaviors, services and tools that could lead to superior patient outcomes and lowered cost of care are also desirable.

All applicants must hold a Ph.D., M.D., or equivalent degree and qualify for appointment at the tenured Associate Professor level. For all three positions, research programs that are particularly applicable to the mission of the medical school are highly encouraged:

- To improve the health of the people of California and, especially, to serve Inland Southern California by training a diverse workforce of physicians and by developing innovative research and health care delivery programs that will improve the health of the medically underserved in the region and become models to be emulated throughout the state and nation.

Applications will be reviewed beginning October 1, 2010 and the position will remain open until filled. Applicants should send a curriculum vitae, a statement of research accomplishments and goals, and the names of three individuals who will be asked to provide letters of reference once a short list is developed to Faculty Search Committee Chair (state position 1, 2 or 3), Division of Biomedical Sciences, University of California, Riverside, CA 92521.

UC Riverside is an Equal Opportunity/Affirmative Action Employer.
FACULTY POSITION
Pharmacology, Physiology, and Neuroscience

The Department of Pharmacology, Physiology, and Neuroscience at the University of South Carolina School of Medicine invites applications for a faculty position at the ASSISTANT PROFESSOR level. New faculty members will join a collegial and collaborative department at a university that is a leader of an ambitious program to achieve national prominence in research and education. Candidates with research interests that complement the departmental research programs that focus on studying the molecular or cellular mechanisms underlying physiological processes, complex behaviors, or drug action are desirable. Successful candidates will also be expected to participate in medical and graduate teaching. Applicants must have a doctoral degree and postdoctoral experience. Preference will be given to individuals with experience in medical education, funding success and potential, and research interests that enhance departmental programs targeting neurological, neuropyschiatric, cardiovascular, or endocrine disorders. Substantial start-up funds and modern facilities will be provided. The initial appointment is viewed as a non-tenure-track position, with transition into a tenure-track following establishment of a funded, independent research program and demonstration of teaching competency. Exceptional applicants will be considered for immediate appointment on the tenure-track.

Qualified applicants may apply by submitting a single electronic file (PDF or Word) that includes a cover letter summarizing qualifications, curriculum vitae and publications list, a statement of research plans and professional goals, and contact information for three references. The file should be sent to: Dr. Marlene Wilson, at e-mail: ppn.search@uscmed.sc.edu, with “PPN Faculty Search” as the subject before December 15, 2010. For more information about the Department including our research programs please visit website: http://www.physmed.sc.edu, The University of South Carolina is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR
The Department of Biochemistry at the University of Wisconsin-Madison (website: http://www.biochem.wisc.edu) invites applications for a position in biochemistry at the assistant professor level. The department is interested in candidates working at the cutting edge in all areas of biochemistry (e.g., chemical, structural, cellular, developmental and physiological). The University and Department provide an excellent environment for the development of an outstanding research program. The successful candidate will be expected to develop a vigorous, externally funded research program, and to participate in the undergraduate and graduate teaching programs of the Department. Applications sent as a single PDF file should include curriculum vitae, list of publications, and a brief summary of accomplishments and directions of future research. Materials should be sent to: e-mail: facultys search@biochem.wisc.edu. Three letters of reference should be forwarded by references to the same address with applicant’s name in the header. Applications should be completed by October 15, 2010.

ASSISTANT PROFESSORSHIP
in Chemistry

Harvard University

Candidates are invited to apply for tenure-track Assistant Professorships in all fields of chemistry. Candidates should arrange for three letters of recommendation to be sent independently and provide curriculum vitae, statement of teaching philosophy, list of publications, and outline of their future research plans. All applications and supporting materials must be submitted via the web at http://wwwchemistry.harvard.edu. The deadline for receipt of applications and supporting materials is October 15, 2010.

Harvard University is an Affirmative Action/Equal Opportunity Employer. Applications from and nominations of women and minority candidates are strongly encouraged.

ASSOCIATE PROFESSOR
in the Department of Chemistry

The College of William and Mary seeks applications for a tenure-track position at the ASSISTANT PROFESSOR level in Ecology with significant contribution to the college’s Environmental Science and Policy program (ESNP). The position involves teaching a range of courses in research in the field or scale of ecology that adds to existing biological and environmental strengths at William and Mary. Preference will be given to individuals working on terrestrial systems. The ideal candidate will have the ability to integrate knowledge and teach across diverse disciplines and levels of biological organization, and possess excellent communication skills that will inspire and highly motivated student body ranging from introductory to graduate students. Applications will be considered for full-time positions to establish and maintain an externally funded research program involving both undergraduate and Master’s degree students. Teaching expectations are one course per semester and will include an annual upper-division ecology course with a field laboratory component suitable to count towards the ENSP program, an introductory ENSP course on a rotational basis (probably once every three years), and ecology and quantitative courses of interest that would meet the needs of the biology department. Postdoctoral research experience is required, and previous experience teaching undergraduate courses will be viewed favorably. Review begins November 1, 2010 and will continue until an appointment is made. Submit online a letter of application, curriculum vitae, statements of research plans and teaching philosophy, and a list of courses taken/taught relevant to the position as a single PDF document to http://jobs.wm.edu. Also arrange for three letters of recommendation to be sent directly to: Ecology Search Committee, Department of Biology, The College of William and Mary, P.O. Box 8795, Williamsburg, VA 23187-8795. Information on the undergraduate and Master’s degree programs, and additional details of the position can be obtained at: website: http://www.wm.edu/biology. Information about the environmental science and policy program can be accessed at website: http://www.wm.edu/environment. The College is an Equal Employment Opportunity/Affirmative Action Employer.

ASSOCIATE PROFESSOR
in the Department of Chemistry

The University of Minnesota is seeking to hire one tenure-track faculty member at the Assistant or Associate Professor level to enhance research strengths in neurodegenerative diseases and to establish and maintain an externally funded research program that can attract new medical, graduate or undergraduate education. The successful candidate will join a growing neuroscience and life sciences community on Cornell’s main campus in Ithaca, New York. The community includes several new academic units (e.g., Institute of Cell and Molecular Biology, Department of Biomedical Engineering, Department of Biostatistics, Bio-Medical Statistical Computing Program), programs (e.g., Center for Ver-tebrate Genomics, Center for Comparative and Population Genomics), and core facilities (e.g., Biophysical Imaging, DNA Sequencing, Microscopy, Animal Transgensics). For information about the Ithaca area, visit website: http://www.ithaca.com/. To apply: Send, via electronic mail to e-mail: tm303@cornell.edu, a single PDF of the following materials: Curriculum vitae, statement of research plans, statement of teaching interests, and up to three publications. Please have three letters of reference sent to the same e-mail address. Questions about the search can be directed to: Professor Joseph Fetcho, Chair, Search Committee, NBB, Soley G. Mudd Hall, Cornell University, Ithaca, New York 14853–2702. Telephone: 607–254–4340. Review of applicants begins November 1, 2010.

Cornell University is an Equal Opportunity, Affirmative Action Employer. Women and minority candidates are strongly encouraged to apply.

ASSOCIATE PROFESSOR or ASSOCIATE PROFESSOR
in the Institute of Translational Neuroscience

The Institute for Translational Neuroscience at the University of Minnesota is seeking to hire one junior faculty member at the Assistant or Associate Professor level to establish and maintain an externally funded research program, a commitment to medical, graduate or undergraduate education, and leadership through vision and collaborative program development. Of particular interest are candidates with expertise in neuroimaging biomarkers of the earliest stages of Alzheimer’s disease in humans or animal models. New faculty will receive substantial recurring salary support, an excellent start-up package, and laboratory space in a newly built, integrated translational research complex that includes state-of-the-art MRI, PET, and microPET facilities.

Applications should be submitted electronically through our Online Application System at website: http://employment.umn.edu/applicants/Central?quickFind=1. The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression.
ASSISTANT SCIENTIST POSITIONS
SANFORD CHILDREN’S HEALTH RESEARCH CENTER

Sanford Children’s Health Research Center (SCHRC; Sioux Falls) invites applications from researchers for full-time faculty positions at the rank of Assistant Professor within Sanford Research/USD and the Department of Pediatrics of the Sanford School of Medicine at the University of South Dakota. A historic $400 million gift by philanthropist T. Denny Sanford has allowed for expansion of Sanford Research/USD and dynamic development of programs specifically focused on children’s health. Sanford Children’s Health Research Center (SCHRC) is a two-site campus, with locations in Sioux Falls, SD and La Jolla, CA. The La Jolla site is located within the Sanford-Burnham Institute for Medical Research, allowing for a unique partnership which includes open access to their state of the art facilities and providing the basis for an integrated, world-class, academic pediatric research network.

We seek outstanding scientists with research programs that contribute to molecular understanding and treatment of childhood diseases and developmental disorders. Areas of interest include, but are not limited to: genetics, cell biology, cancer biology, and developmental neuroscience/biology. To augment existing strengths, scientists using various model systems in the study of pediatric disease/developmental disorders or those focused on the study of rare pediatric diseases are encouraged to apply. Successful candidates will have PhD, DVM, MD or MD/PhD degrees and join the energetic and collegial research community at Sanford Research/USD. Candidates will be expected to develop a vigorous and independent extramural research program, complement the interdisciplinary and collaborative nature of the growing SCHRC and promote translational research. The researchers will hold both Sanford Research/USD and Sanford School of Medicine faculty appointments.

Significant institutional support including modern laboratory space and state-of-the-art facilities will be provided in the new Sanford Research Center. In addition, a comprehensive compensation package will be tailored to the individual’s qualifications.

Candidates should submit a detailed curriculum vitae, description of research experience and future plans, and at least three letters of recommendation. Application materials should be sent to:

David A Pearce Ph.D.
Director, Sanford Children’s Health Research Center
Sanford Research/USD
Professor, Department of Pediatrics
Sanford School of Medicine of the University of South Dakota
2301 East 60th Street North
Sioux Falls, SD 57104-0589
Telephone: 605-312-6004
FAX: 605-312-6071
Email: pearecd@sanfordhealth.org
http://www.sanfordhealth.org/Research/ResearchCenters/SanfordChildrensHealth

Sanford Health is an Equal Opportunity/Affirmative Action Employer.

Faculty Positions, Vollum Institute
Oregon Health & Science University, Portland OR

The Vollum Institute (www.ohsu.edu/vollum) announces junior faculty positions for outstanding scientists. We are particularly interested in individuals with a research focus in cell biology, biophysics and molecular structure, molecular and cellular neuroscience, molecular genetics, developmental neurobiology or neuronal cell signaling. Vollum appointments are full-time research positions with minimal teaching requirements. Ample opportunities are available for collaboration with research units at OHSU (www.ohsu.edu) as well as clinical units within the School of Medicine.

We offer attractive start-up packages and the opportunity to work in an outstanding scientific environment. Applicants should have a strong record of research and an interest in training graduate students. OHSU is an equal opportunity/affirmative action employer committed to maintaining diversity in its faculty. Candidates with a Ph.D. and/or M.D. and at least several years of postdoctoral experience should apply by sending an electronic copy of their curriculum vitae, a description of research plans and goals, and three reference letters by November 1, 2010 to:

Gary L. Westbrook, M.D.
Senior Scientist and Co-Director
Vollum Institute Search
Vollum Institute, L474
Oregon Health & Science University
3181 SW Sam Jackson Park Road
Portland, OR 97239-3098
volljob@ohsu.edu

TWO FACULTY POSITIONS IN ENERGY RESEARCH

The A. James Clark School of Engineering at the University of Maryland is seeking applicants for the University of Maryland Energy Research Center (UMERC), www.energy.umd.edu. UMER is an NSF Engineering Research Center that brings together faculty across the campus to advance the frontiers of energy science and technology in the Nation’s capital. It includes and collaborates with the DOE Energy Frontier Research Center “Nanostructures for Electrical Energy Storage”, the Center for Environmental Energy Engineering, the Center for Multiscale Plasma Dynamics, the Institute for Systems Research, the Center for Integrative Environmental Research, and the Joint Global Change Research Institute. The Clark School seeks both a senior and junior faculty member:

Full/Associate Professor: This is a tenure-track faculty position within the college. The candidate should have national prominence for their contributions to energy research and have demonstrated success with large multi-disciplinary proposals. If interested, the candidate would also be considered for the position of Deputy Director of UMER. The Deputy Director would work with the Director of UMER to coordinate energy research across campus and lead large multi-disciplinary opportunities. Possible research areas include but are not limited to: photocatalysis, photovoltaics, catalysis (biofuel and fossil); energy efficiency, harvesting, and storage; energy systems and smart grid technology; and the intersection between energy technology and policy. However, this position is open to the best candidate regardless of specific research focus.

Assistant Professor: This is a tenure-track faculty position within the college. The candidate should have a record of contribution in the energy field commensurate with a junior faculty position. While the area of energy research is open, preference would be given to expertise in electrochemical energy conversion and storage, including research in electrochemical systems, computational materials, materials properties/processing, and electrocatalysis. A ‘cluster hire’ with the senior faculty position would also be considered.

Appointments for each position will be made in an Academic Department within the College of Engineering that is most commensurate with the interests and expertise of the candidates. Joint appointments will also be considered.

For best consideration, applications should be received by November 12, 2010. Please submit letter of interest, full resume including a list of publications, a statement of research and teaching interests, and the names of at least four references, preferably in PDF format, to: Annette Mateus, Coordinator, University of Maryland, UMER, Rm. 3234, Jeong H. Kim Engineering Building, College Park, Maryland 20742; 301-405-4799 (phone), 301-314-8514 (fax); email: amateus@umd.edu.

The University of Maryland is an Equal Opportunity, Affirmative Action Employer with a strong commitment to the principle of diversity. Women and minorities are encouraged to apply.

Science Careers

online@sciencecareers.org
YALE UNIVERSITY
Systems Biology Institute

Yale University, to further the development of its West Campus research enterprise, is seeking FACULTY at both JUNIOR and SENIOR ranks for a new multi-disciplinary Systems Biology Institute. Faculty associated with this Institute will have primary appointments in the life science and physical science departments of the Faculty of Arts and Sciences, School of Engineering and Applied Sciences and School of Medicine. Candidates must have, or expect to have, a PhD and a record of research demonstrating the ability in addressing significant questions in the study of regulatory biology. Relevant research areas include, but are not limited to, functional and comparative genomics, function and evolution of gene regulatory networks, regulation of signal transduction, cell type identity, and the behavior of complex physiological systems. To apply, please submit to e-mail: kelly.locke@yale.edu in one PDF file with the subject heading “Systems Biology Search” the following: (1) a letter of application highlighting research interests, complete curriculum vitae, and up to five reprints of published work. Please arrange for three letters of recommendation addressed to: The Systems Biology Search Committee, C/o Michael Donoghue, Vice President for West Campus Planning and Program Development, 1 Hillhouse Avenue, New Haven, CT 06520. The review of applications will begin on October 18th, 2010. Yale University is an Affirmative Action/Equal Opportunity Employer. Yale values diversity among its faculty, students, and staff and strongly encourages applications from women and underrepresented minorities.

FACULTY POSITION
in CELL and MOLECULAR PHYSIOLOGY

The Department of Cell and Molecular Physiology at Loyola University Chicago, Stritch School of Medicine, www.stritch.luc.edu/depts/physio/index2.cfm seeks applicants for a faculty position at the ASSOCIATE or FULL PROFESSOR level. Applicants with a Ph.D., M.D., or equivalent are expected to maintain a strong and interactive research program. Applicants should have a strong record of research productivity and current extramural support. Applicants whose research complement and extend ongoing research interests in cellular and molecular aspects of cell signaling, including circulatory and aging fields are especially encouraged to apply. Send letter, curriculum vitae including research plans and names of three references to: Ruben Mestriol, Ph.D., Faculty Search Committee Chair, Department of Cell and Molecular Physiology, Loyola University Chicago, 2160 South First Avenue, Building 102, Room 4644, Maywood, IL 60153. E-mail: physiology@lumc.edu.
Loyola is an Equal Opportunity/Affirming Action Employer.

DUKE UNIVERSITY

The Department of Chemistry invites applications and nominations for a tenure-track position at the ASSISTANT PROFESSOR level, to begin September 2011. In combination with a commitment to teaching, candidates should have research interests in chemical biology/synthesis; we are particularly interested in candidates who would interface with ongoing university initiatives in systems biology or molecular imaging. Applications received by November 1 will be guaranteed consideration, although extraordinary applicants will be considered after this date. To guarantee consideration, all applicants should provide curriculum vitae, a list of publications, a description of research interests in PDF format to e-mail: positions@chem.duke.edu. Candidates should also arrange to have three letters of recommendation submitted on their behalf electronically to e-mail: positions@chem.duke.edu. Duke is committed to recruiting, hiring, and promoting qualified minorities, women, individuals with disabilities, and veterans.

ASSISTANT PROFESSORSHIP
Ecology, Evolution and/or Behavior

Princeton University’s Department of Ecology and Evolutionary Biology plans to hire a tenure-track Assistant Professor. We have broad interests in ecology, evolution, behavior, functional biology, conservation science, biogeography, and disease dynamics. We seek applicants who pursue research that aims for significant conceptual and/or empirical integration across traditional disciplines. Candidates should have a vision statement, commitment to teaching. Applicants should write a vision statement, no longer than two pages, that outlines one or more major unsolved problems in their field and how they plan to address them. The vision statement should go beyond a précis of the applicant’s prior and current research. Applications, including the vision statement, curriculum vitae, three reprints, and contact information for three references should be submitted online via website: http://jobs.princeton.edu, Req #1000647. Any questions about the position should be addressed to Dr. Bryan Grenfell, chair of the search committee. Screening of applications will begin December 2010, and will continue until the position is filled.
Princeton University is an Equal Opportunity Employer and complies with applicable Equal Employment Opportunity and Affirmative Action regulations.

VERTEBRATE ECOLOGIST.

The Wabash College Biology Department invites applications for a Byron K. Tripper ASSISTANT PROFESSORSHIP in ECOLOGY. Tenure-track position to start July 1, 2011. Ph.D. and a commitment to excellence in teaching required; teaching experience desirable. Primary expertise should be in ecology, with the ability to teach a course in comparative vertebrate anatomy. Active engagement of undergraduates in an ongoing research program is expected.
In a two-year cycle, responsibilities include teaching lab and field courses in general ecology, comparative vertebrate anatomy, and an independent research course in the applicant’s special area of expertise. Also, candidates will be expected to participate in team-taught general biology courses and make periodic contributions to all college courses. The typical classroom teaching load (including labs) is 12 contact hours per semester.
The Biology Department, with six full-time faculty positions, encompasses molecular biology, organismal biology, and population biology. The department is well-stocked for teaching and research and has permissions of research plans and spaces for current extramural support. Candidates should submit electronically to: e-mail: wetzele@wabash.edu. Review of applications will begin October 15, 2010, and continue until the position has been filled. Wabash College is an Equal Employment Opportunity/Affirmative Action Employer encouraging excellence through diversity.

ASSISTANT PROFESSOR
Neurophysiology

The Department of Biology and the Neuroscience Program at Amherst College invite applications for a tenure-track position at the Assistant Professor level in cellular neurophysiology, to begin July, 2011. The research program of the successful candidate will be one that can involve undergraduate biology and neuroscience majors. Teaching duties include a laboratory course in neurophysiology, other courses related to the candidate’s area, for example a course in general or comparative physiology. Candidates will make periodic contributions in team-taught introductory courses. A completed Ph.D. is required and post-doctoral experience is expected.
Candidates should submit electronically to: http://jobs.amherst.edu, with the subject line: Neurobiology position; followed by a curriculum vitae and statements of research and teaching interests. Three letters of recommendation addressed to: search committee chair should be submitted to: e-mail: rubec@amherst.edu. Review of applications will begin October 15, 2010, and continue until the position has been filled. Amherst is a private undergraduate liberal arts college for men and women, with 1,700 students and a teaching faculty of 200. Located in the Connecticut River Valley of western Massachusetts, Amherst participates with Hampshire, Mount Holyoke, and Smith Colleges and the University of Massachusetts in the Five College Consortium. Amherst College is an Equal Opportunity/Affirmative Action Employer encouraging excellence through diversity.

ASSISTANT PROFESSOR
of Biological Sciences

The Smith College Department of Biological Sciences invites applications for a tenure-track Assistant Professorship in terrestrial plant physiological ecology beginning July 1, 2011. A Ph.D. is required and candidate must be committed to teaching and/or postdoctoral experience is preferred. For more information and to apply, visit: http://jobs.smith.edu. Review of applications will begin on November 8, 2010. Smith College is an Equal Opportunity Employer encouraging excellence through diversity.
Chair and Chief, Department of Pediatrics
Yale School of Medicine
Yale-New Haven Hospital

Applications are invited for the position of Chair of the Department of Pediatrics at Yale University School of Medicine and Chief of Pediatrics at Yale-New Haven Hospital. Candidates will have an outstanding academic record in research, clinical care and education, will be experienced administratively with the interpersonal skills for multidisciplinary communication, will have exceptional leadership talent, and are expected to meet the requirements for appointment to the senior faculty ranks.

Applicants should send a curriculum vitae, brief statement of interest, and a list of professional references prior to November 15, 2010, electronically to Kathleen.Heath@yale.edu or by mail to: Brian R. Smith, MD; Chair, Pediatric Search Committee, c/o Kathleen Heath, Dean’s Office, Yale School of Medicine, 333 Cedar Street, I-202 SHM, PO Box 208049, New Haven, CT 06520-8049.

Yale University is an Equal Opportunity, Affirmative Action Employer and values diversity among its employees. Women and minority group members are encouraged to apply.

Faculty Position
Tumor Immunology and Immunotherapy
Dartmouth Medical School

The Department of Microbiology and Immunology in collaboration with Norris Cotton Cancer Center (NCCC) at Dartmouth Medical School and Dartmouth-Hitchcock Medical Center seeks candidates for a full-time tenure-track or tenured faculty position at the rank of Associate or Full Professor. We offer the opportunity to join a dynamic group of outstanding basic and translational scientists with a broad range of expertise in cellular and molecular immunology, in addition to Dartmouth’s collaborative community of internationally recognized investigators. The successful candidate will be an established immunologist with expertise in the broadly defined area of tumor immunology and immunotherapy and strengths in specific areas such as (but not limited to) immunotherapy, tumor vaccines, innate immunity, tumor microenvironment, and pathogen-induced tumors. Candidates with an interest in translational approaches are particularly encouraged to apply. Candidates should have a PhD, DVM, and/or MD degree(s), an outstanding academic record, and an externally funded research program. The investigator will have access to excellent students from an interdepartmental graduate program and will be expected to participate in teaching and mentoring at the graduate and postgraduate levels. The candidate will be eligible for additional support from the Immunology Program through an NIH-sponsored T32 training grant for graduate students and postdoctoral researchers and a Center of Biomedical Research Excellence (COBRE) grant.

The laboratories at Dartmouth are state-of-the-art and well equipped. Norris Cotton Cancer Center is an NCI-designated comprehensive cancer center that supports innovative cancer research through pilot projects, interdisciplinary programs, outstanding core facilities, and regulatory and administrative assistance. A full range of shared research core facilities, including flow cytometry and cell imaging, genomics, bioinformatics, transgenics and animal imaging, and pathology are available to all investigators in the Dartmouth community. Dartmouth Medical School has fully integrated patient care, medical education, and research activities. Additional information is available on the websites for the Microbiology and Immunology department and the Cancer Center websites: http://dms.dartmouth.edu/microbio/ and http://www.cancer.dartmouth.edu/.

Applicants should submit, in electronic PDF format, a curriculum vitae, statement of research interests and accomplishments, record of extramural grant support, and contact information, including email addresses for at least three references to: tumorimmunology@dartmouth.edu. Review of applications will begin immediately and will continue until the position is filled.

Dartmouth is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are strongly encouraged to apply.
FACULTY POSITION
Department of Biochemistry
Stanford University School of Medicine

Applications or nominations are invited for an AS-SISTANT PROFESSOR position in the Department of Biochemistry. Candidates should have an established record of excellence in original research. The principal criterion for appointment in the University tenure line is a major commitment to research and teaching. Candidates should have a Ph.D. or equivalent degree in a quantitative discipline (computational or systems biology, statistics, computer science, engineering, physics, or similar). We invite applications from researchers with an established track record in developing and applying computational approaches to cutting-edge problems in genomics and genetics, with a demonstrated interest in collaborative research.

Successful candidates will have their academic home in the Department of Biostatistics & Bioinformatics and will be Investigators in the cross-campus IGSP, which is home to several established research initiatives, including systems biology, genomic medicine, and regulatory and evolutionary genomics. Secondary appointments or affiliations may be arranged in other departments or centers, as appropriate. The competitive nature of these positions will provide successful candidates with access to exceptional resources, including substantial cluster computing infrastructure, multiple next generation sequencing platforms, a diverse set of large biomedical datasets, and multidisciplinary partnerships. Candidates will be expected to participate actively in the educational programs of both B&B and IGSP, as well as teach and mentor students in the cross-departmental graduate programs in Computational and Systems Biology.

Interested applicants should submit application materials (cover letter, curriculum vitae, and a statement of research accomplishments and interests) and ask three references to submit reference letters at website: http://www.stat.berkeley.edu. Further inquiries may be directed to Kim Hall at e-mail: kim.hall@duke.edu.

Applications received by October 31, 2010 will be given full consideration.


Duke University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

The Harvard University Department of Psychology invites applications for a tenure-track assistant professor position in the Department of Psychology, to begin Fall 2011. Women and members of minority groups are strongly encouraged to apply.

The Department of Neuroscience at the Ohio State University plans to hire several tenure-track NEUROSCIENTISTS beginning this academic year. The Neurosciences Signature Program, which also comprises Neuroscience, Neurology, Genetic Medicine, and a variety of departments, has been established to leverage existing strengths and potential for significant investment at the Ohio State University Medical Center. Although we are interested in applicants who demonstrate an exceptional record of research accomplishment in basic neuroscience, we are particularly interested in individuals whose research interests build on current or emerging strengths in spinal cord and brain injury, neuropharmacology, neuroendocrinology, and mechanisms of neuronal degeneration/regeneration, and who provide translational links to our clinical colleagues. State-of-the-art research facilities are available. Applicants should submit curriculum vitae, a statement of research interests, and three letters of reference to: Randy J. Nelson, Department of Neuroscience, Ohio State University, Columbus, OH 43210. Application materials may be submitted electronically (preferably in PDF format) to e-mail: cheryl.yoder@osumc.edu. Application deadline: 15 November 2010. The Ohio State University is committed to diversity and actively encourages applications from candidates from individuals of underrepresented groups. The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

The Harvard University Department of Psychology anticipates making a tenure-track appointment at the ASSISTANT PROFESSOR level, to begin July 1, 2011.

We seek candidates with exceptional promise in the social psychology of emotion. Research and teaching expertise might include topics such as social psychophysiology, nonverbal communication of emotion, social embodiment, emotion contagion, or empathy. Quantitative methodological expertise is also desirable. Our interest is less in specific areas than in innovation and excellence. Candidates should expect to have completed the requirements for the Ph.D. prior to appointment and to have demonstrated a promise of excellence in both research and teaching. Teaching duties will include offerings at both undergraduate and graduate levels.

Candidates should submit curriculum vitae and representative reprints, and have at least three letters of recommendation sent to: Social Emotion Search Committee, Harvard University, Department of Psychology, William James Hall, 33 Kirkland Street, Cambridge, MA 02138. The closing date for applying is October 1.

Applications from women and minority groups are strongly encouraged. Harvard University is an Affirmative Action/Equal Opportunity Employer.

RESEARCH FACULTY POSITIONS
Department of Dermatology
Duke University School of Medicine

The Department of Dermatology, Duke University School of Medicine, is seeking applicants for research faculty positions. Applicants with interest in the molecular mechanisms of skin cancer, malignant melanoma, or in the study of inflammatory and autoimmune diseases are encouraged to apply. Candidates should have M.D., M.D.-Ph.D., or Ph.D. degree and postdoctoral research experience to document significant accomplishment and future success. Academic rank and compensation will be based on the qualifications of the successful applicants.

Interested candidates should submit a letter of application, curriculum vitae, and the names of three references to:

Russell P Hall, III M.D.
J. Lamar Callaway Professor and Chair
Department of Dermatology
Box 31 35
Duke University School of Medicine
Durham, NC 27710

Applications will be accepted via e-mail: vkb1@notes.duke.edu. Duke is committed to achieving excellence through diversity. Duke University is an Equal Opportunity/Affirmative Action Employer.
Cell and Systems Biology – University of Toronto

The Department of Cell and Systems Biology at the University of Toronto invites applications for a tenure track faculty position to be appointed at the level of Assistant or Associate Professor beginning July 1, 2011. We are interested in outstanding candidates that complement existing strengths in the department in the areas of genomics, plant and microbial biology, cell and developmental biology, and neurosciences using high-throughput approaches or gene/protein network analyses with genomic, proteomic, or advanced cell biological and imaging tools. We will consider all outstanding applicants within the framework of the Department of Cell and Systems Biology. For more information, please visit our home page at http://www.csb.utoronto.ca/.

Candidates should have at least two years of research experience beyond their doctoral degree. In addition to pursuing a vigorous, internationally-recognized research program, the successful candidate will contribute to undergraduate and graduate teaching in the molecular life sciences. The successful candidate would also be expected to network with researchers across the university to take advantage of the extensive resources in cell and systems biology at the University of Toronto and its affiliated institutions. A generous start-up package will be provided. Salary will be commensurate with qualifications and experience.

Qualified candidates must submit their applications online at: http://www.jobs.utoronto.ca/faculty.htm. Applicants should submit a single pdf file (<2Mb) that includes a cover letter, their curriculum vitae, and statements of research and teaching interests. Applicants should also arrange for at least three confidential letters of recommendation to be sent directly to: Professor Ulrich Teppas, Chair, Department of Cell and Systems Biology, University of Toronto, 25 Harbord Street, Toronto, Ontario M5S 3G5, Canada; or by e-mail to csbepass@csb.utoronto.ca by October 24, 2010.

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

Assistant/Associate Professor in the School of Biology

The Georgia Institute of Technology is one of the top educational/research institutions in the country and ranked as one of the best places to work. As part of aggressive growth in the biological sciences, the School of Biology is seeking applications for two faculty positions at the Assistant/Associate Professor level. One position is in Macromolecular Assemblies, with particular interest in using mammalian cell, small animal or microbial models for studying pathogenic or functional self-assembled protein complexes. Another position will be in Integrative Genomics, using some combination of genomics, transcriptomics, proteomics and metabolomics to elucidate the quantitative genetic basis of variation for complex traits in animal (including human) and/or microbial models. These new faculty will be invited to join the Center for Nanobiology of the Macromolecular Assembly Disorders (NanoMAD) and/or Center for Integrative Genomics, respectively. Candidates also will be favored who integrate well with the department’s existing strengths in molecular and cell biology, ecology and evolutionary biology, and computational biology (www.biology.gatech.edu). Georgia Tech is an interdisciplinary environment where biologists are encouraged to interact with faculty from other areas of science, engineering and computing.

Candidates should forward a letter of application specifically highlighting Macromolecular Assembly and/or Genomics, full curriculum vitae, statement of research interests and plans, and contact information for four references to faculty@biology.gatech.edu. Review of applications begins October 15, 2010.

Georgia Tech is a unit of the University System of Georgia and an Affirmative Action/Equal Opportunity Employer and requires compliance with Immigration Control Reform Act of 1986.

The Helen L. and Martin S. Kimmel Center for Stem Cell Biology at the Skirball Institute of Biomolecular Medicine

FACULTY POSITIONS

The Helen L. and Martin S. Kimmel Center for Stem Cell Biology at Skirball Institute of Biomolecular Medicine at New York University Langone Medical Center invite applications for tenure-track positions at the assistant, associate or full professor level. We seek applicants with an exceptional record of achievement to join the Kimmel Center for Stem Cell Biology and the Skirball Institute faculties. The Stem Cell Center and the Skirball Institute are highly interdisciplinary, and combine research strengths at NYU Langone Medical Center and the College of Arts and Sciences. Special priority will be given to applicants who use mammalian stem cell systems.

The NYU Langone Medical Center offers excellent resources to support new faculty, including generous start-up packages and core facilities for siRNA screening, cell sorting, imaging, proteomics, mouse molecular genetics, genomics and structural biology. Successful candidates are expected to initiate and maintain vigorous independent research programs that will enrich and be enriched by the highly collaborative environment at the Skirball Institute and throughout the NYU research community. This is an electronic application process only.

Please create your application packet by formatting it as a single PDF document. Use the following page order: 1) Cover Letter; 2) Curriculum Vitae; 3) Research Statement; 4) One Recent Publication.

Email the application packet to stemcellsearch@med.nyu.edu by November 1st, 2010. Three letters of reference should be sent independently to stemcellsearch@med.nyu.edu.

New York University was founded in 1841 and is an equal opportunity affirmative action employer. Women and minority candidates are encouraged to apply.

Kimmel Center for Stem Cell Biology
www.med.nyu.edu/kimmelcenter
Skirball Institute of Biomolecular Medicine
http://skirball.med.nyu.edu
ASSISTANT or ASSOCIATE PROFESSOR  
Center of Excellence for Infectious Diseases  

The newly created Center for Excellence in Infectious Diseases at the Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center, El Paso, Texas is seeking candidates for tenure-track faculty positions at Assistant or Associate Professor level. This is part of a state-funded initiative to enhance research in infectious diseases. The Center is primarily interested in investigators with research interests in molecular immunology, host-pathogen interactions, vaccine, development, and animal models for translational studies.

Successful candidates are expected to develop and maintain independently funded research programs in infectious diseases or a related field and at least three years of postdoctoral experience with a strong publication record. They must have a Ph.D. degree or equivalent and have the potential to establish an independent research program.

Preferred Qualifications: Candidates with funded grant support and experience in emerging infectious diseases and cutting edge technologies are particularly encouraged to apply. They offer competitive salary and startup packages, new constructed laboratory space, BSL-2 and BSL-3 laboratories, and a supportive interactive environment.

Interested candidates must apply online at website: https://jobs.ttu.edu, requisition #81327 by submitting curriculum vitae, a short write-up of research interests, and three letters of recommendation. Further information, please electronically mail or contact: Manjunath Swamy, M.D. e-mail: manjunath.swamy@ttuhsc.edu or Premlata Shankar, M.D. e-mail: premlata.shankar@ttuhsc.edu Co-Directors of the Center of Excellence for Infectious Diseases

The position is open until filled. Application review will begin immediately.

Texas Tech University Health Sciences Center is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION  
in Biophysics and Biochemistry  

The Department of Biochemistry and Biophysics and the UNC Lineberger Comprehensive Cancer Center at UNC Chapel Hill (UNC-CH) invite applications for tenure-track faculty positions at the level of ASSISTANT PROFESSOR (other levels also considered). Candidates with cancer-related research and expertise in enzymology, redox biochemistry, chemical biology, computational biology, nanomedicine, signaling network analysis, systems biology, single molecule approaches, cryo-EM, and solid state NMR are especially encouraged to apply, but all areas of expertise in biophysics will be considered. UNC-CH provides an outstanding environment for interdisciplinary biomedical research with opportunities to interface with biological, physical, chemical, computational, and clinical scientists. Research strengths within the Department include, but are not limited to, computational biology, chromatin, TNA repair, cell signaling, cell adhesion, enzymology, membrane biophysics, virology, and structural biology. The UNC Center for Drug Discovery also actively works with faculty interested in converting biological and chemical insights into new therapeutics. Candidates should have a Ph.D. and/or M.D., postdoctoral research experience, and an outstanding publication record. Applications are reviewed until positions are filled. Women and members of underrepresented minority groups are especially encouraged to apply. Please visit website: http://hr.unc.edu/careers-at-carolina/open-positions to submit an online application and reference Recruiting ID #1000907. Questions on this recruitment can be directed to Amanda Chung at chunga@med.unc.edu

Department of Biology, Occidental College, Los Angeles CA

The Department of Biology invites applications for a tenure-track position beginning August 2011. The successful candidate will have a research program in bird evolution, systematics, and/or biogeography as well as curatorial experience and the ability to combine teaching and specimen-based research in the Moore Laboratory of Zoology at Occidental, a collection of over 60,000 birds primarily from Mexico, Central America, and California. Preference will be given to candidates who can provide leadership in the management of Moore Lab and its integration into our curriculum. Teaching duties will include introductory biology, advanced courses in the area of specialty, and core courses in the college curriculum. Occidental is a nationally ranked liberal arts college with excellent research and teaching facilities, located near Caltech, other research institutions, and the varied habitats of southern California. The college is recognized for its diverse student body and its outstanding undergraduate research program. For more information on Occidental College and the position, please visit website: http://college.oxy.edu/biology. Inquiries should be addressed to: Dr. Dan Pondella, Chair, Evolutionary Biology Search, e-mail: pondella@oxy.edu. Review of application materials begins September 30, 2010 and continue until the position is filled. Occidental College is committed to Affirmative Action; women and minority candidates are strongly encouraged to apply.

University of North Carolina is an Equal Opportunity Employer.

EUKARYOTIC CELL BIOLOGIST  

Biology  

Tenure-track ASSISTANT PROFESSOR beginning August 2011 in the Biology Department at Colorado College. Specialization open, but we have particular interest in candidates who use some combination of genetics, molecular biology, biochemistry, bioinformatics, genomics, or microscopy as tools applied to model systems such as eukaryotic microbes (fungi, protozoa) or other organisms appropriate for undergraduates at a liberal arts college (e.g., zebrafish, Drosophila, or C. elegans). Preference will be given to candidates whose expertise complements existing faculty. Responsibilities include (1) teaching introductory, intermediate, and advanced courses for a new cell and molecular biology track; (2) teaching one or more courses appropriate for non-biology majors; and (3) development of a new research program involving undergraduates. Ph.D. and demonstrated excellence in undergraduate teaching required; postdoctoral experience highly desirable. Colorado College is committed to increasing the diversity of its community and curriculum. Candidates are encouraged to identify the ways in which they can contribute to that goal. Application deadline is September 30, 2010. Send letter of application, curriculum vitae, copies of graduate and undergraduate teaching evaluations, teaching philosophy, and letters of reference to: Search Committee, Department of Biology, Colorado College, 14 East Cache la Poudre Street, Colorado Springs, CO 80903. Colorado College is an Affirmative Action/Equity Employer. Women, members of underrepresented minority groups are especially encouraged to apply.
**Professor / Assistant Professor (Tenure Track) of Neuro-Electronics**

The Department of Information Technology and Electrical Engineering (www.ee.ethz.ch) at ETH Zurich invites applications for a professorship or assistant professorship (tenure track) in Neuro-Electronics. The successful candidate is expected to develop a strong and visible research program in Biomedical Engineering. Research topics include electrically controlled biosystems, electrical neuroengineering, peripheral nerve and brain-machine interfaces, as well as artificial sight and hearing.

Candidates should have a Ph.D. degree and an excellent track record in Biomedical Engineering, Biophysics, Bioengineering, or related disciplines. In addition, commitment to teaching and the ability to lead a research group are expected. The new colleague will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

Assistant professorships have been established to promote the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional two-year period and promotion to a permanent position.

Please submit your application together with a curriculum vitae, a list of publications, and statements on future teaching and research activities to the President of ETH Zurich, Prof. Dr. Ralph Eichler, ETH Zurich, Raemistrasse 101, 8092 Zurich, Switzerland (or via e-mail as one single pdf to faculty-recruiting@sl.ethz.ch), no later than October 31, 2010. With a view towards increasing the number of female professors, ETH Zurich specifically encourages qualified female candidates to apply.

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**Department of Biology**

**Two Tenure-Track Assistant Professor Positions:**

1. **Cellular Biophysics**
2. **Developmental Genetics**

The Biology Department (www.bio.umass.edu/biology) at the University of Massachusetts Amherst invites applications for two tenure-track Assistant Professor positions to start as soon as September 1, 2011. One position is in the area of Cellular Biophysics and the other is in the area of Developmental Genetics. We seek individuals with outstanding research, a strong commitment to teaching, and the potential to develop and maintain an extramurally funded research program. The Biology Department provides an interactive and broad research environment, with research spanning all levels of biological organization. Especially strong research clusters focus on nervous system development, cell biology, plant biology, functional morphology, and evolution. A Ph.D. and postdoctoral experience are required. Evaluation of applications for both positions will begin on October 5, 2010 and continue until the positions are filled. Positions will be filled contingent upon University funding.

1. **Cellular Biophysics position:** We seek a biologist who employs biophysical techniques to study cellular or tissue function. Research areas might include, but are not limited to, the biophysical properties and function of excitable cells. Optogenetic and imaging approaches to the study of neurobiology are of particular interest. The successful candidate will have a primary appointment in the Biology Department and be part of a growing biophysics cluster that includes research groups in the Physics, Biochemistry and Molecular Biology, and Chemistry Departments. Application materials should include a curriculum vitae, research plan, teaching statement, and 3 letters of recommendation. Paper applications can be sent to: Biophysics Search #R39907, Biology Department, Attn: Sally Ives, 611 North Pleasant Street, University of Massachusetts, Amherst, MA 01003. Alternatively, application materials may be sent via email to: BiophysicsSearch@bio.umass.edu

New faculty members have the opportunity to participate in strong graduate training programs in Neuroscience and Behavior (www.umass.edu/neuro), Molecular and Cellular Biology (www.bio.umass.edu/mcb), Plant Biology (www.bio.umass.edu/plantbio), and Organismic and Evolutionary Biology (www.bio.umass.edu/obih).

The University is part of the Five-College Consortium (www.fivecolleges.edu) in the Pioneer Valley in western Massachusetts, two hours from Boston and three hours from New York City. The University provides an intellectual environment committed to providing academic excellence and diversity including mentoring programs for faculty. The College of Natural Sciences and the Department of Biology are committed to increasing the diversity of the faculty, student body, and the curriculum. We strongly encourage women and members of minority groups to apply. The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer.

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**Faculty Position in Free Radical Biology and Aging**

The Oklahoma Medical Research Foundation (OMRF, www.omrf.org) is seeking an established investigator to join the Free Radical Biology and Aging Research Program. The area of research is open but individuals with expertise in animal model systems and biochemical approaches that complement the Program’s general scientific theme in mitochondrial and metabolic regulation are especially encouraged to apply. Successful candidates will receive an appointment at the Associate or Full Professor level (Associate and Full Professor equivalents) in the Program.

The Free Radical Biology and Aging Research program underwent major reorganization and renovation in 2008. Disease related areas of investigation focus on the role of free radicals in various musculoskeletal, neurological, metabolic, and cardiovascular disorders associated with the aging process and exacerbated by obesity and diabetes. Facilities in the program include substantial lab space for each investigator and shared spaces for cell culture, freezers, and animal procedures. Major new equipment in the program includes two LC-tandem mass spectrometry systems, equipment for metabolite analysis, an electron spin resonance instrument, and a small animal metabolic screening system. OMRF also supports a state-of-the-art AAALAC accredited animal facility and a small animal MRI and MRS core facility. Additional information can be found at our Program’s website (www.omrf.org/FRBA). Other attractive aspects include a generous startup package, institutional support for competitive salaries, comprehensive benefits, and a collegial work environment. Overall, OMRF is committed to creating an attractive position suitable for an applicant with a proven track record of high quality funded research.

OMRF is an independent, not-for-profit, biomedical research institute that houses 50 independent research laboratories organized into 10 interdisciplinary research programs. Our facilities are located adjacent to the campus of the University of Oklahoma Health Sciences Center (OUHSC) in Oklahoma City. OMRF investigators enjoy close scientific interactions with OUHSC faculty and participate in OUHSC graduate programs. OMRF is in the early stages of a significant expansion that will increase the total number of principal investigators to approximately 75. This expansion includes the construction of a new eight-story research tower that is scheduled to open in early 2011.

Candidates should submit complete curriculum vitae and brief statement of research interests via e-mail to: omrfcareers-mk@omrf.org. Preliminary, confidential inquiries may be addressed to Michael Kinter, Ph.D., Chair, FRBA Search Committee, mike-kinter@omrf.org.
FACULTY POSITION

Chemical Approaches to Biological Problems

The Department of Biochemistry & Molecular Biology at the Drexel University College of Medicine invites applications for a faculty position at the ASSISTANT or ASSOCIATE PROFESSOR level. We seek interactive individuals who are working at the interface of chemistry and biology, using chemical and/or structural approaches to tackle important problems in biology. Areas of particular interest include protein structure and function, inhibitor and drug design, mechanistic enzymology, metalloproteins, and metabolism. Individuals whose research complements existing strengths in the department (website: http://www.drexel.edu/med/biochemistry) are especially encouraged to apply. The Department is conveniently located in Center City, Philadelphia, and offers a collegial and stimulating environment with many opportunities for collaboration. Competitive startup funds are available. Successful candidates will have a Ph.D. and/or M.D., relevant postdoctoral experience, and a strong record of research accomplishments. Faculty are expected to establish vigorous, independent, and well-funded research programs and to participate in graduate and medical education.

The Drexel University College of Medicine is the nation’s largest private medical school. Drexel University is ranked among the top 50 universities in the nation, and has recently been named as one of the top “Up-and-Coming” national universities in the 2011 U.S. News College Rankings.

To apply, please submit a single PDF containing curriculum vitae, statement of research interests, statement of teaching philosophy, and names of three references to e-mail: lucia.boyer@drexelmed.edu; please include the words “Chemical Biology Search” on the subject line.

FACULTY POSITION

Systems Neuroscience

Department of Biological Sciences

Carnegie Mellon University

The Department of Biological Sciences and the Center for the Neural Basis of Cognition (CNBC) at Carnegie Mellon University seek to fill a tenure-track position in systems neuroscience at the ASSISTANT PROFESSOR level. Preference will be given to individuals using imaging or electrophysiological methods to examine the dynamic properties of neurons in vivo, or in vitro through transgenic reporter systems and systems-level approaches to determine principles of behavior in health and disease states. Carnegie Mellon is strongly committed to expanding brain research spanning multiple disciplines, investing in new faculty in computational, cognitive, and systems neuroscience and in new facilities, including a state-of-the-art animal facility, high-performance computing clusters, and new neuroimaging centers (see websites: http://www.cmu.edu/bio and http://www.cnbc.cmu.edu).

The candidate will join a growing and highly interactive neuroscience community at Carnegie Mellon and will be a member of the CNBC, an interdisciplinary and collaborative group of neuroscientists from Carnegie Mellon and the University of Pittsburgh (including the University of Pittsburgh Center for Neuroscience and the University of Pittsburgh School of Medicine).

Carnegie Mellon offers highly competitive salaries and startup packages in an attractive urban environment. Interested candidates should submit curriculum vitae, research and teaching statements, reprints, and three letters of recommendation to: https://apps.bio.cmu.edu/facultySearch/view/4. Questions may be directed to Dr. Alison Barth, Chair of the search committee.

Review of applications will begin October 1, 2010, and will continue until the position is filled. Carnegie Mellon University is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION

Genomic and Systems Biology

Department of Biological Sciences

Carnegie Mellon University

The Department of Biological Sciences at Carnegie Mellon University seeks to fill a tenure-track position in genomic and/or systems biology at the ASSISTANT PROFESSOR level. Preference will be given to individuals using imaging or electrophysiological methods to examine the dynamic properties of neurons in vivo, or in vitro through transgenic reporter systems and systems-level approaches to determine principles of behavior in health and disease states. Carnegie Mellon is strongly committed to expanding brain research spanning multiple disciplines, investing in new faculty in computational, cognitive, and systems neuroscience and in new facilities, including a state-of-the-art animal facility, high-performance computing clusters, and new neuroimaging centers (see websites: http://www.cmu.edu/bio).

Carnegie Mellon fosters interdisciplinary research and outstanding opportunities exist for collaborations with faculty in the Ray and Stephanie Lane Center for Computational Biology, the Molecular Biosensor and Imaging Center, the Center for Nucleic Acids Science and Technology, computer science, bioengineering, robotics, and other departments. Successful candidates will be expected to develop a strong, innovative research program and to participate in the undergraduate and graduate educational programs. Candidates must have a doctoral degree and extensive research experience.

Carnegie Mellon offers highly competitive salaries and startup packages in an attractive urban environment. Interested candidates should submit curriculum vitae, research and teaching statements, reprints, and three letters of recommendation to: https://apps.bio.cmu.edu/facultySearch/view/4. Questions may be directed to Dr. Alison Barth, Chair of the search committee.

Review of applications will begin October 1, 2010, and will continue until the position is filled. Questions can be directed to Dr. Javier Lopez, Chair of the search committee. Carnegie Mellon University is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITION

Department of Chemistry

University of North Carolina at Chapel Hill

The Department of Chemistry at the University of North Carolina at Chapel Hill invites applications for four tenure-track faculty positions at the ASSISTANT PROFESSOR level. Areas of interest include inorganic chemistry, physical chemistry, material science, and energy science. However, the University reserves the right to individually define areas, which will be considered. Successful candidates are expected to develop an exceptional research program and to teach at both the graduate and undergraduate levels.

Applicants will only be elected electronically. Applicants should submit a single PDF containing a cover letter, curriculum vita, research plan, and teaching statement, and up to three reprints or preprints to: website: http://jobs.unc.edu/2500420. Applicants should also arrange to have four PDF letters of recommendation sent electronically to: chemsearch@unc.edu.

UNC is an Equal Opportunity/Affirmative Action Employer, and strongly encourages applications from women and minorities.

FACULTY POSITION

Department of Chemistry

University of North Carolina at Chapel Hill

The Department of Chemistry at the University of North Carolina at Chapel Hill invites applications for four tenure-track faculty positions at the ASSISTANT PROFESSOR level. Areas of interest include inorganic chemistry, physical chemistry, material science, and energy science. However, the University reserves the right to individually define areas, which will be considered. Successful candidates are expected to develop an exceptional research program and to teach at both the graduate and undergraduate levels.

Applicants will only be elected electronically. Applicants should submit a single PDF containing a cover letter, curriculum vita, research plan, and teaching statement, and up to three reprints or preprints to: website: http://jobs.unc.edu/2500420. Applicants should also arrange to have four PDF letters of recommendation sent electronically to: chemsearch@unc.edu.

UNC is an Equal Opportunity/Affirmative Action Employer, and strongly encourages applications from women and minorities.

Assistant Professor

The Chemistry Department at the University of North Carolina at Chapel Hill invites applications for a tenure-track faculty position at the ASSISTANT PROFESSOR level, starting Fall 2011. Area of specialization is open. A Ph.D. is required. Exceptionally well-qualified applicants will demonstrate a strong commitment to teaching at the undergraduate level, show the capacity to develop a productive research program that involves undergraduates, and complement the existing strengths and opportunities currently available to our students. Teaching responsibilities will include courses in our core curriculum and advanced courses in the candidate’s field of expertise. Carnegie Mellon University is a selective and nationally ranked residential liberal arts college located in Granville, Ohio, 30 minutes east of Columbus. We have well-developed programs in both chemistry and biochemistry and a broad range of instrumentation that is used in both teaching and research. See our website: http://www.cmu.edu/chemistry for more detailed descriptions of the position and our program. Applicants should send a cover letter addressing their motivations for teaching at a residential, liberal arts college, a statement of teaching philosophy, a statement indicating how they will foster a classroom and research environment that engages students from diverse backgrounds and contribute to the diversity of our department and college, a summary of research plans, curriculum vitae including a publication list, and undergraduate and graduate transcripts. These materials and contact information for three references should be submitted online at: https://employment.denison.edu. To assure full consideration, completed applications must be received by October 1, 2010. Our college is committed to attracting and supporting an academically and culturally diverse faculty.

Nongenic Chemistry

FACULTY POSITION

California Institute of Technology invites applications for a tenure-track faculty position in the Division of Chemistry and Chemical Engineering in the area of inorganic chemistry. Candidates with strong commitments to research and teaching excellence are encouraged to apply. We expect to make an appointment to an exceptionally well-qualified applicant at the ASSISTANT PROFESSOR level, but consideration may be given to outstanding candidates at the ASSOCIATE PROFESSOR level. The appointment will be contingent upon completion of all requirements for a Ph.D. in chemistry or in a related field. Submit curriculum vita, publication list, a description of proposed research, and three letters of recommendation electronically to: https://apps.caltech.edu/icsearch@caltech.edu. Applications should be received by November 1, 2010. The California Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.
Faculty Positions in Physiology available for 2011
College of Osteopathic Medicine of the Pacific – Northwest

Western University of Health Sciences, a thriving center for human health care and veterinary medicine education, is opening a new site for the College of Osteopathic Medicine of the Pacific – Northwest (COMP-NW) in Lebanon, Oregon with the inaugural class beginning in Fall, 2011. The University’s 10 year plan and core values have propelled the Institution to be a benchmark in academic medicine education is opening a new site for the College of Osteopathic Medicine of the Pacific – Northwest Lebanon, Oregon.

The Department of Basic Medical Sciences provides the preclinical education for the College of Osteopathic Medicine, and invites applications from highly motivated individuals for tenure-track faculty positions in physiology. These are full-time, 12-month, tenure-track positions at the Assistant Professor/Associate Professor/Professor rank, dependent upon qualifications. Similar positions in pharmacology/biochemistry/genetics, and microbiology/immunology are also available at both the Lebanon, OR and Pomona, CA campuses. Successful candidates and faculty will be located at the new site on the COMP-NW campus. Applicants must have a Ph.D. in physiology or equivalent field and at least 2 years of postdoctoral experience. Preference will be given to researchers who have a background in teaching with significant scholarly activity and/or those with a history of extramural funding and a strong potential to obtain further grant support for their research program. Submit a current curriculum vitae and a cover letter describing your teaching experience and philosophy, your research activity and goals, and how you meet the qualifications for the position. Please include contact information for at least three references. These positions will remain open until filled.

Nissar A. Darmani, PhD
Assistant Dean for Basic Sciences and Research
Department of Basic Medical Sciences
College of Osteopathic Medicine of the Pacific
Western University of Health Sciences
309 E. Second Street, Pomona, CA 91766-1854
Email Address: ndarmani@westernu.edu
www.westernu.edu

Western University of Health Sciences is an equal opportunity employer.

FACULTY POSITIONS

OMRF Faculty Positions in Arthritis and Clinical Immunology

The Research Program of Arthritis and Clinical Immunology at the Oklahoma Medical Research Foundation (OMRF, www.omrf.org) seeks to understand roles of the immune system in health and disease. With a new expansion underway, we invite qualified candidates to apply for newly established research faculty positions. We are currently recruiting for Assistant or Associate Member level positions (Assis-tant or Associate Professor equivalents) but talented candidates at all levels are encouraged to apply and will be considered.

Successful candidates must have a PhD or MD/PhD in Immunology, Virology, or related field, and a strong record of scientific accomplishment. For one area of our research, we seek applicants interested in the interface between infection and immunity. Candidates with strong interests in Epstein-Barr virus or influenza are preferred. For another focus of our research, we seek applicants interested in autoimmune disease, especially systemic lupus erythematosus, rheumatoid arthritis, multiple sclerosis, or thrombotic thrombocytopenic purpura or animal models of those diseases. Successful candidates will be expected to maintain vigorous, independent research programs with associated external funding that directly address clinically relevant questions in their respective research fields.

Arthritis and Clinical Immunology investigators have access to a number of outstanding OMRF core facilities, including a Sample Procurement and Processing Core, Immunophenotyping Core, Clinical Core, Flow Cytometry Core and state-of-the-art clinical facilities. Extensive autoimmune disease and control sample collections are also available. Successful candidates will receive a generous, multi-year start-up package with significant, sustained salary and research support.

OMRF (www.omrf.org) is an independent, not-for-profit biomedical research institute adjacent to the campus of the University of Oklahoma Health Sciences Center (OUHSC) in Oklahoma City. OMRF investigators enjoy close scientific interactions with OUHSC faculty and participate in OUHSC graduate programs. For more information about Arthritis and Clinical Immunology, visit: www.omrf.org/ACI.

To apply, please send a CV, a concise future research plan, names and contact information for three professional references, and up to three recent publications to Dr. Judith James at omrfcareers-ji@omrf.org. Review of applications will begin immediately and continue until the position is filled. We offer attractive salaries, institutional support and comprehensive benefits.

EOE/AA
ASSOCIATE PROFESSOR or PROFESSOR of Biomedical Science

The Charles E. and Helen K. Mueller College of Medicine is seeking a tenure-track or tenured faculty member at the rank of Associate or Full Professor to teach microbiology to medical and graduate students. The applicant should have a well developed research program focusing on mechanisms and/or pathogenesis of human disease. The successful candidate will have Ph.D. and/or M.D. Preferred candidates will have research interests that complement those of current faculty, a demonstrated record of excellence, a commitment to diversity, and an ability to conduct competitive research, a strong record of external funding, and must be currently funded. The position includes startup funds and a 12 month salary.

Application materials must be submitted electronically including cover letter, curriculum vitae, a one-page summary of research interests, a statement of teaching experience and philosophy, and the names and addresses of three references. Please submit your materials via the website: https://jobs.fau.edu. Reference the position number 981310 by October 31, 2010. Questions about the application process can be directed to Florida Atlantic University, 7777 Ocean Drive, Atlantic Beach, Florida 32233-6199. A background check is required for the candidate selected for this position. Florida Atlantic University is an Equal Opportunity/Equal Access Institution. For accommodation, call 561-297-2216. For communication assistance, call 7-1-1.

CHEMICAL BIOLOGY

The Department of Chemistry at the University of Michigan invites applications for a tenure-track position at any rank with a proposed start date of September 1, 2011. Candidates with research interests in the area of chemical biology will be given priority. This would be a University-year appointment (nine-month academic salary with summer support by research funds). Candidates are expected to develop an internationally recognized program of research that will result in publications and to excel in teaching at undergraduate and graduate levels. Detailed information regarding the electronic application process and required materials is available online at web.utk.edu/facultyrecruit. The position will remain open until filled but preference will be given to applicants who have submitted all requested materials prior to October 15, 2010. Information about the Chemistry Department and University of Michigan can be found on the website: http://www.chem.umich.edu/facultyrecruit. Questions about the application process should be sent to e-mail: chemfac10@umich.edu. Women and minorities are encouraged to apply. The University of Michigan is supportive of the needs of dual career couples and is an Equal Opportunity/Affirmative Action Employer.

The University of Rochester Department of Chemistry invites applications for a tenure-track faculty position at the rank of Assistant Professor beginning July 2011. Candidates should have a Ph.D. in Chemistry or related field and will be expected to establish a research program resulting in publications and to excel in teaching at the undergraduate level. The successful candidate will have a Ph.D. and/or M.D. in an area of biophysics or biochemistry and a strong interest in interdisciplinary research. Applications are being accepted at Academic Jobs Online (http://www.academicjobsonline.org/ajo). To receive full consideration, completed applications must be received by October 4, 2010. Search Contact: Ms. Karen Fisher, Personnel Administrator, Department of Chemistry, Room 18-392, 200 South Clinton Avenue, Rochester, New York 14627-0240. E-mail: kfisher@urmc.rochester.edu. MIT is an Equal Opportunity/Affirmative Action Employer. Applications from women, minorities, veterans, older workers, and individuals with disabilities are strongly encouraged.

ASSISTANT PROFESSOR of CHEMISTRY

The Department of Chemistry at the University of Chicago invites applications from outstanding individuals for the position of Assistant Professor of Chemistry. This search is in the areas broadly defined as inorganic, organic, and physical chemistry. Applicants must apply online to AcademicJobsOnline (http://www.academicjobsonline.org/ajo) and should be prepared to submit a list of publications, a succinct statement of research plans, and three letters of recommendation. The cover letter must be addressed to the Inorganic Search Committee, Organic Search Committee, or Physical Search Committee, depending on the discipline of interest. The successful candidate must have a Ph.D. in Chemistry or related field. Applications are being considered and will be reviewed on a continuing basis. Applicants should be submitted by October 1, 2010. To ensure full consideration, all material should be submitted by that date. The University of Chicago is an Affirmative Action/Equal Opportunity Employer.
Faculty Positions in Physiology

The Department of Physiology seeks outstanding individuals with creative, rigorous and integrative research approaches to key physiological processes. Suitable candidates must have a Ph.D. and/or an M.D. degree; have exceptional promise and a proven record of research achievements. Presently, the Department’s research interests include the physiology, and biophysics of membranes and membrane transport, computational biology, and the development and analysis of genetic diseases and metabolism. Our philosophy is to integrate the growing body of information on molecular and cellular processes into functionally relevant contexts that translate into important medical advances. Therefore, we are especially interested in individuals who relate the properties of individual proteins both to organ function and pathogenesis. Individuals who use genetic, computational or other models to study integrative physiology are encouraged to apply. Successful candidates will complement the research activities within the Institute for Basic Biomedical Sciences (see http://www.bios.jhmi.edu/index.html) and will actively participate in the graduate programs in Cellular and Molecular Physiology and in Biochemistry, Cellular and Molecular Biology as well as medical education. Further information about the Physiology Department is available at http://physiology.bsd.jhmi.edu/.

Applicants will be assessed on an ongoing basis, with higher priority given to those who apply by October 30, 2010. The deadline to submit applications is November 30, 2010. Applicants must provide one electronic (PDF) document that includes a curriculum vitae, statement of research plans, copies of relevant publications and three to five letters of recommendation to: physiologyrecruitment@jhmi.edu, subject line “Faculty position in Physiology.”

The Johns Hopkins University School of Medicine is an Affirmative Action/Equal Opportunity Employer that embraces diversity.

Research Faculty
Computational and Systems Biology

The Computational Biology Program (http://chibio.mskcc.org) at MSKCC (mskcc.org) seeks innovative investigators for tenure-track positions at the Assistant, Associate, or Full Professor level. Pursue basic research, solve biological problems with major emphasis on computational methods, and build active bridges to experimental and clinical research. Actively participate in building out research programs at one of the best clinical-scientific institutions in the world. Work in MSKCC’s new Zuckerman Research Center, on Manhattan’s Upper East Side, in close proximity to Rockefeller University and the Cornell Weill Medical College. Train graduate students in the Gerstner Sloan-Kettering Graduate School ( SloanKettering.edu), the Weill Cornell Graduate School of Medical Sciences and in tri-institutional graduate programs.

Areas of special interest include chemical biology, physiology, developmental biology, neurobiology, genetics and cancer biology. Applicants should have a doctoral-level degree and the potential to develop an independent, interdisciplinary research program. MSKCC offers a highly interactive, supportive and dynamic research environment with programs in Computational Biology, Developmental Biology, Molecular Pharmacology & Chemistry, Cancer Biology & Genetics, Structural Biology, Immunology, Cell Biology, Molecular Biology, and Human Oncology and Pathogenesis, as well as unparalleled clinical programs in cancer research, treatment and prevention.

The deadline for applications is November 1, 2010. Please visit www.chio.mskcc.org/faculty-search for specific application instructions including the required IMPACT format of your bibliography. To access the on-line faculty application, go to http://facultysearch.ski.edu. Please visit the site as soon as possible, as it contains important information on the required application materials, including deadlines for submission of letters of reference. Inquiries may be sent to Chris Sander, Chair, Computational Biology Program via Chris.Sander@mskcc.org. MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.
The Yale School of Forestry & Environmental Studies seeks up to three exceptional Natural, Physical, or Social SCIENTISTS, who will contribute to and strengthen the School’s teach- ing and research portfolio of a strongly interdisciplinary School. The openings are available at both the tenure-track level and at the senior level. Ideal candidates will have an outstanding record of original scholarship and will also demonstrate potential for collaborating with natural, physical, and social scientists within the School and more broadly at Yale, to address environmental issues of societal importance, such as the economic, policy, and public health issues of fresh- water resources, biodiversity, agriculture and land use, urbanization, and air pollution. Applications from candi- dates with strengths in environmental economics, the conservation and management of tropical forests, or holistic approaches to energy systems, will be particu- larly welcome. Successful candidates will be expected to develop an internationally recognized research pro- gram that involves graduate students, to work across disciplinary boundaries in a collegial environment, and to teach in both the Yale School of Forestry and Envi- ronmental Studies and in Yale College.

Applications should submit curriculum vitae, a state- ment of research and teaching interests, and the names of four potential referees. Electronic mail: fedsceansoffice@yale.edu or via surface mail to:

Environment Faculty Search
s/o Pilar Montalvo, Dean’s Office
Yale School of Forestry & Environmental Studies
107 Hillhouse Avenue, 3rd Floor
New Haven, CT 06511 USA

Prior to applying, candidates should explore the School’s website: http://www.environment.yale.edu and consider how their expertise can strengthen or complement the strengths of the existing faculty of the School.

Applications received by October 29, 2010 will re- ceive full consideration. For more information about the position, contact chair of the search committee, Pilar Montalvo at e-mail: pilar.montalvo@yale.edu

Yale University is an Affirmative Action/Equal Opportunity Employer. Men and women of diverse racial/ethnic backgrounds and cultures are encouraged to apply.

ORGANIC CHEMISTRY
Dartmouth College

Applications are invited for a tenured ASSOCIATE or FULL PROFESSOR faculty position starting July, 2011. The Chemistry Department seeks an individual who has already established a nationally recognized re- search program in organic chemistry with both chemical and/or medicinal applications, whose research interests will complement those of the current faculty, and who will excel at teaching in our undergraduate and Ph.D. curriculum. Chemistry with biological or medical applications is one of two targeted areas in the depart- ment’s long-range plans. We particularly seek candi- dates who will help lead collaborative research projects both within Chemistry and involving other Dartmouth researchers, three liberal arts colleges, and Dartmouth’s Medical School, Norris Cotton Cancer Center, and Thayer School of Engineering. Candidates will be expected to teach intro- ductory and advanced courses in organic chemistry, as well as graduate courses in their area of research. App- licants should submit a cover letter describing their current research funding and future plans, a state- ment of their teaching interests, and names of at least three references. All inquiries and applications will be held in confidence. Applicants are requested to send to: Chair, Organic Chemist Search Committee, Department of Chemistry, 6128 Burke Laboratory, Dartmouth College, Hanover, NH 03755-8564. The Committee will begin to consider completed applica- tions on October 21st, 2010. More information about Dartmouth andHanover is at http://www.dartmouth.edu/ and http://admit.dartmouth.edu/ and information about the region is at http://www.dartmouth.edu/ and http://www.dartmouth.edu/.

The successful candidate will also develop an active research program and mentor undergraduate research projects. The Department has a history of funded research and plans to build on ongoing projects.

Apply online at website: https://uscjobs.sc.edu/applicants/Central?QuickFind=65196 and submit tran- scripts and three letters of reference to: Dr. Bill Pirkle, Department of Biology, Computing and Life Sciences, USC Aiken, 4770 University Parkway, Aiken, SC 29801. Applications of all candidates will begin November 1, 2010 and con- tinue until position is filled. USC Aiken seeks to attract and retain a diverse faculty consistent with its diverse student body and the diversity in the surrounding community. Women and minorities are encouraged to apply. USC Aiken is an Affirmative Action/Equal Opportunity Employer.

CONTINUING NON-TENURE-TRACK
Position in Biology, Bryn Mawr College

The Department of Biology invites applications for a continuing non-tenure-track FACULTY POSITION (website: http://www.brynmawr.edu/provost/) to teach post-baccalaureate premedical students begin- ning July 1, 2011. The successful candidate is expected to develop an introductory biology sequence with a laboratory component that is appropriate for preparing post-baccalaureate students for health related profes- sion. We are particularly interested in candidates who are broadly trained in the biological sciences and have training and/or interests in a medically relevant field. A doctorate and at least one year of relevant teaching experience or postdoctoral research experience are re- quired.

A cover letter should be submitted to Chair, Biology CNTT Search, Department of Biology, Bryn Mawr College, 101 N. Merion Avenue, Bryn Mawr, PA 19010-2899.
Assistant Professor in Human Genetics

The Center for Human Genetics (McDermott Center) at The University of Texas Southwestern Medical Center at Dallas invites applications for a tenure-track position of Assistant Professor. We are seeking individuals with innovative experimental research programs in human molecular genetics. Successful applicants will be expected to establish a vigorous independent research program and to teach students at the graduate level.

The individual should hold a graduate degree (MD, PhD or MD/PhD) and have completed a postdoctoral fellowship. The appointment will include a competitive salary, attractive start-up package, and excellent laboratory space in a dynamic research environment with access to genetic core facilities. The faculty member will have a joint appointment in a basic science or clinical department. Applicants should submit their curriculum vitae containing a summary of past accomplishments, a statement of future objectives, and three professional references to:

Dr. Helen H. Hobbs
Professor and Director
McDermott Center for Human Growth and Development
UT Southwestern Medical Center at Dallas
5323 Harry Hines Boulevard
Dallas, Texas 75390-8591

UTSW is an Equal Opportunity Employer. Women and Minorities are encouraged to apply.

Tenure-track Assistant and/or Associate Professor of Human Genetics

The Department of Human Genetics in the University of Utah School of Medicine (http://genetics.utah.edu) is seeking outstanding applicants for a tenure-track position at the level of Assistant or Associate Professor. We encourage applications from scientists with interests in genetic approaches to complex disease, population/statistical genetics, computational biology, functional genomics, and animal models of human disease. Our department has a strong history in human genetics, genomics, and developmental genetics, and our faculty members collaborate closely with faculty in other basic science and clinical departments. Creative scientists with a record of achievement and commitment to excellence in both research and teaching are encouraged to apply. Successful candidates will receive a highly competitive startup package and enjoy a stimulating and supportive research environment.

Applicants should submit an electronic version of current CV, summary of research plans, relevant reprints and/or preprints, and three letters of reference to:

Dr. Lynn B. Jorde
Professor and Chair
c/o Natalie Johnson, njohnson@genetics.utah.edu

Application materials, including letters of reference, must be submitted by November 1, 2010.

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)581-8465. 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 underrepresented students.

Faculty Position in Biomedical Engineering

The Department of Biomedical Engineering at UC Davis invites applications for an Assistant Professor position with emphasis on stem cell bioengineering. The BME Department has 27 faculty members and is ranked 6th in the nation in annual research expenditures (NSF rankings). The Department has existing strengths in the areas of tissue engineering, cellular and molecular engineering, biomechanics, biomedical imaging, micro/nano systems, therapeutics, and computational/systems biology.

A research emphasis in the translational aspects of stem cell bioengineering is favored; however, other related areas in tissue engineering or regenerative medicine will also be considered, so long that an emphasis exists toward clinical translation. Successful candidates are expected to integrate and complement the existing research strengths within BME, the various stem cell efforts (e.g., the Institute of Regenerative Cures), the School of Medicine, and the School of Veterinary Medicine. Candidates should have a Ph.D. in Biomedical Engineering or a closely related field, and a commitment to excellence in teaching and service.

Interested candidates should submit all materials via the web-based online submission system (www.bme.ucdavis.edu). Required materials include a curriculum vitae, brief statements of research and teaching plans, and names and contact information for at least five evaluators who have agreed to write letters of reference. Inquiries can be directed to the chair of the search committee at bme-chair@ucdavis.edu. The deadline for full consideration is November 30, 2010, although applications will be accepted until the position is filled.

UC Davis is an Affirmative Action/Equal Employment Opportunity Employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities, and veterans.
The University of Michigan solicit Developmental Biology in the College of Literature, Science, and the Arts at the University of Michigan. Candidates are strongly encouraged to apply. Trinity University invites applications for an Assistant Professor position at the rank of ASSISTANT PROFESSOR, to begin Fall 2011. The successful candidate will contribute to establishing a vigorous, extramurally funded research program in developmental biology and bioinformatics, and to be involved in the instruction of both undergraduate and graduate students. The position is at the rank of Assistant Professor, with a strong emphasis on teaching and research. The successful candidate will be expected to develop a research program involving undergraduate students. The position is tenure-track at the rank of Assistant Professor. Normally, faculty members teach one course and two laboratory sections (or the equivalent) each semester. The successful candidate will contribute to an environment where members from all backgrounds can live, learn, and thrive.

INTEGRATIVE SYSTEMS OR CELLULAR BIOLOGIST
Tenure-Track Position
The Department of Biology at Trinity University invites applications for a tenure-track position in Integrative Systems or Cellular Biology whose expertise contributes to the field of neurobiology. The position is tenure-track at the rank of ASSISTANT PROFESSOR beginning August 2011. Candidates must possess a Ph.D. and postdoctoral experience is desirable. Successful candidates must demonstrate commitment to excellence in teaching undergraduate and have the potential to develop and sustain a research program that involves significant undergraduate participation. Responsibilities include teaching upper division courses in the areas of specialty, participation in the introductory curriculum, and advising. Additionally, the candidate will interact with our integrative neuroscience multidisciplinary minor and our research laboratory. The candidate will be expected to establish a research program that is externally funded and engages undergraduate students. Successful applicants will join a department of approximately 30 postdoctoral fellows, 125 doctoral students, 200 undergraduate chemistry and biochemistry majors, and an internationally recognized faculty. A Ph.D. in Chemistry, Biochemistry, or a related area and postdoctoral experience is required. Applicants must: Submit a cover letter, curriculum vitae, summary of research plans (maximum of eight pages, double-spaced), and a concise research statement (two pages)—in one transmission using PDF files—to e-mail: chemsearch@bc.edu. To arrange for three letters of reference to be sent to: Chair, Search Committee, Department of Biology, Trinity University, One Trinity Place, San Antonio, TX 78212. Electronic applications are encouraged and should be sent to: jonathan.king@trinity.edu. For more information, visit the department website: http://www.trinity.edu/departments/biology/. Application deadline is 22 October 2010. Women and minority candidates are strongly encouraged to apply. Trinity University is an Equal Opportunity Employer. Assistant Professor

ASSISTANT PROFESSORS
Untah Basin
Two tenure-track Assistant Professor positions are available in the Department of Chemistry and Biochemistry at Utah State University. One position is in Physical Organic Chemistry and the other is in Green Chemistry. The successful candidates will teach general chemistry, organic, and biochemistry. These positions are 70 percent teaching, 25 percent research, and 5 percent service. Qualifications include a Ph.D. in a chemistry-related area, and an interest in or demonstrated excellence in teaching, research, and service. For more details, contact: Chair, Department of Chemistry and Biochemistry, Utah State University, Logan, UT 84322-4218. Women and minority candidates are strongly encouraged to apply. Utah State University is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

OPEN FACULTY POSITION
Boston College Chemistry Department
http://www.bc.edu/chemistry
The Chemistry Department at Boston College invites applications for a tenure-track position at the rank of ASSISTANT PROFESSOR. This is a tenure-track position with a hire date in the fall of 2011. Applicants will be evaluated on their potential to establish a prominent, externally funded research program and to excel in teaching at both the graduate and undergraduate levels. Successful applicants will join a department of approximately 30 postdoctoral fellows, 125 doctoral students, 200 undergraduate chemistry and biochemistry majors, and an internationally recognized faculty. A Ph.D. in Chemistry, Biochemistry, or a related area and postdoctoral experience are required. Applicants must: Submit a cover letter, curriculum vitae, summary of research plans (maximum of eight pages, double-spaced), and a concise research statement (two pages)—in one transmission using PDF files—to e-mail: chemsearch@bc.edu. To arrange for three letters of reference to be sent to: Chair, Search Committee, Department of Biology, Trinity University, One Trinity Place, San Antonio, TX 78212. Electronic applications are encouraged and should be sent to: jonathan.king@trinity.edu. For more information, visit the department website: http://www.trinity.edu/departments/biology/. Application deadline is 22 October 2010. Women and minority candidates are strongly encouraged to apply. Trinity University is an Equal Opportunity Employer. Assistant Professor

SPINTRONICS AND QUANTUM COMPUTATION
1st São Paulo International School on Spintronics and Quantum Computation, São Carlos, São Paulo, November 1–5, 2010, aimed at graduate students and young postdoctoral fellows. Lectures include: Peter Grünberg, Daniel Loss, Peter Zoller, Seigo Tarucha, Stuart Parkin, Michael Flatté, among others. We will accept about 100 participants (50 from abroad) and cover their travel expenses (restrictions may apply). For more information, contact: Director of PAPESP—the São Paulo Research Foundation. For details see website: http://www.spin2010.ifsc.usp.br/. Further inquiries: Professor J. Carlos Euge (e-mail: euge@ifsc.usp.br), Institute of Physics of São Carlos, University of São Paulo, São Paulo, Brazil. Assistant Professor

ORGANIC CHEMISTRY FACULTY POSITION
California Institute of Technology invites applications for a tenure-track faculty position in the Division of Chemistry and Chemical Engineering in the area of organic chemistry. Consideration will be given to exceptionally well-qualified applicants at the ASSISTANT, ASSOCIATE and FULL PROFESSOR levels. Appointment will be contingent upon completion of all terminal degrees and will include a full-time teaching load. Outstanding candidates who have strong commitments to research and teaching excellence are encouraged to apply. Submit by October 15, 2010, your curriculum vita, publication list, a concise description of past research accomplishments, and three letters of recommendation to: Chair, Organic Search Committee, M/C 164-30, California Institute of Technology, Pasadena CA 91125. The California Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.
Basic/Translational Cancer Research Faculty Position

The UNC Lineberger Comprehensive Cancer Center, in collaboration with departments in the School of Medicine and across the entire University of North Carolina Chapel Hill, seeks outstanding candidates for faculty positions at all levels and at all ranks in basic and translational cancer research. This broad-based recruitment seeks outstanding scientists in a number of areas, including but not limited to: animal models, signal transduction, cancer genetics, bioinformatics, virology, drug development and target validation, epigenetics and gene expression, DNA damage and repair, cancer therapy, cancer immunology, inflammation and cancer, and stem cells. Applicants should have a strong record of recent accomplishments as a postdoctoral fellow or sustained productivity as an established faculty member. Appointment and rank in an academic department will be determined by the applicant’s qualifications.

Applications will be reviewed beginning December 1, 2010 and until the positions are filled. Applicants must submit curriculum vitae, a description of research plans and names of four references through the UNC Chapel Hill’s web-based system: jobs.unc.edu/2500310. Please note that application may first require registration in the system and then application. PDF documents are preferred.

The University of North Carolina at Chapel Hill is an Equal Opportunity/ADA Employer. Women and minorities are encouraged to apply.

Assistant Professors of Biology
University of Kentucky

The Department of Biology at the University of Kentucky seeks two tenure-track Assistant Professors with research programs in neuroscience. Areas of particular interest include, but are not limited to, nervous system development and regeneration, structural and behavioral plasticity, sensory and motor systems, and comparative neurobiology. Preference will be given to candidates who can conceptualize problems in neuroscience across levels of biological organization, linking, for example, molecular mechanisms to the physiology and behavior of cells, tissues, or individuals. Responsibilities for the successful candidates include establishment of an independent research program that is supported by awards from extramural agencies and contribution to the teaching mission of the Biology Department. For more details on the department and the university, visit our website (http://biology.uky.edu) or contact Dr. Vincent Cassone, Chair, Department of Biology, vincent.cassone@uky.edu or (859) 257-6766.

Applicants should send a letter of application, a curriculum vitae, statements on teaching philosophy and experience, and a description of the applicant’s research program electronically to ukbiology@uky.edu. Applicants should also arrange for three letters of recommendation in PDF format on official letterhead to be sent to the same electronic address. The review of applications will begin November 1, 2010.

The University of Kentucky is an Affirmative Action/Equal Opportunity University that values diversity and is located in an increasingly diverse geographical region. It is committed to becoming one of the top public institutions in the country. Women, persons with disabilities, and members of other underrepresented groups are encouraged to apply. The University also supports family-friendly policies.
Cancer Molecular Biology Position

The Institute for Cellular and Molecular Biology

The Institute for Cellular and Molecular Biology, Alan Lambowitz, Director, invites applications for a tenure-track/tenured position in cancer molecular biology. Academic appointments at the level of Assistant, Associate, or Full Professor will be in the section of Molecular Genetics and Microbiology in the College of Natural Sciences. Candidates should have an outstanding record of research productivity and a research plan that utilizes molecular and biochemical approaches to address important problems in cancer biology. Areas of particular interest include but are not limited to DNA damage responses, genome instability, post-translational regulatory mechanisms, chromatin, and small regulatory RNAs.

Building on a strong existing faculty, the Institute has recruited more than 50 new faculty members over the past ten years. In addition to its highly interactive and interdisciplinary research environment, the Institute provides administrative and financial support for the Graduate Programs in Cell and Molecular Biology, Microbiology, and Biochemistry, and state-of-the-art core facilities including DNA sequencing, mass spectrometry, electron and confocal microscopy, DNA microarrays, robotics, mouse genetic engineering and Next-Gen sequencing. An MD-PhD program with the UT Medical Branch and the new Dell Pediatrics Research Institute enhance the environment for basic Biomedical Research.

Austin is located in the Texas hill country and is widely recognized as one of America’s most beautiful and livable cities.

Please send a single PDF file containing your curriculum vitae, summary of research interests and names of three references before November 1, 2010 to: mgm_search@bionc.utexas.edu. References may also send their letters directly to the same email address.

The University of Texas at Austin is an Equal Opportunity Employer. Qualified women and minorities are encouraged to apply; a background check will be conducted on all applicants.

The University of Texas at Austin

Biological Sciences Faculty

Duquesne University invites applications for a tenure-track position in the Department of Biological Sciences. The successful applicant is expected to develop a vigorous independent research program involving the study of molecular, cellular, and/or organismal processes in eukaryotes. Areas of interest include, but are not limited to, molecular biology, cell biology, development, immunology, and physiology.

The successful candidate will join an active department of 18 faculty with a commitment to combining externally funded research with excellence in teaching at both the graduate and undergraduate levels. Applicants must have post-doctoral experience, and are expected to mentor MS and PhD students. Preference will be given to candidates at the Assistant Professor level. However, more senior candidates may also be considered. Competitive salary and start-up packages are available. Additional information about the Department can be found at http://www.duq.edu/biology.

To apply, send a cover letter, CV, statements of research and teaching goals, and three letters of recommendation to Chair, Biology Faculty Search Committee, Department of Biological Sciences, 201 Mellon Hall, 600 Forbes Avenue, Pittsburgh, PA 15282. Review of applications will begin October 15, 2010. Please direct inquiries about the position to biology@duq.edu.

Duquesne University was founded in 1878 by its sponsoring religious community, the Congregation of the Holy Spirit. Duquesne University is Catholic in mission and ecumenical in spirit. Motivated by its Catholic identity, Duquesne values equality of opportunity both as an educational institution and as an employer.

FACULTY POSITIONS in SYSTEMS NEUROSCIENCE

The Brain and Behavior Discovery Institute (BBDI) at the Medical College of Georgia (MCG) is seeking six to eight faculty members who will be appointed as tenure-track Assistant Professor, tenured Associate Professor, or Full Professor. Candidates should have a PhD or MD degree with a strong record of research accomplishment, working in the area of primate or rodent systems neurophysiology, coupled with fMRI, optogenetics, or brain-machine-interface technologies. Faculty members are expected to establish or have creative, cutting edge research programs and participate in teaching medical and graduate students. MCG is a state supported academic medical center located in a historic city with outstanding recreational and lifestyle opportunities.

Consideration of candidates will begin October 1, 2010 and will continue until the search has been successfully concluded. Please submit a CV, a statement of current and future research interests, and arrange 3 letters of recommendation to:

Joe Z. Tsien, Ph.D.
Neuroscience Faculty Search Committee
The Brain and Behavior Discovery Institute (BBDI)
School of Medicine
Medical College of Georgia
1120 15th Street, CL-3033
Augusta, GA 30912-4750
ATTN: Toni Goodly
lgoodly@mcg.edu

You are also required to complete an online application at http://www.mcg.edu/facultyjobs/ (req #'s 4780, 4781, 4782, 4783, 4784, 4785, 4786, 4788).

EEO/AA/Equal Access Employer.

Jefferson University

Department of Orthopaedic Surgery and the Rothman Institute

Assistant/Associate/Full Professors, Basic Sciences

The Department of Orthopaedic Surgery is recruiting basic science faculty for tenure-track positions at the Assistant/Associate/Full Professor levels. We are especially interested in applicants whose research focus complements and extends the Department’s strengths in osteoarthritis and intervertebral disc disease. The thematic areas we wish to broaden include stem cell biology, tissue engineering, vertebrate models of human orthopedic disease, and the biochemistry and molecular biology of bone, cartilage and disc. We seek individuals with Ph.D., M.D., M.D./Ph.D., or equivalent degrees; postdoctoral experience; a record of publication in high-quality journals; and the ability to secure external funding. Ample opportunities exist for scientific interaction and collaboration within the department, throughout the university, and with other world-class institutions in the greater Philadelphia area. Successful candidates will be expected to establish innovative, externally-funded research programs. There is an excellent start-up package and protected time for research activities.

Applicants should submit their curriculum vitae, a research program summary, a statement of future plans, and the names and contact information of three references electronically to Susan Randolph, Administrator (susan.randolph@jefferson.edu).

Thomas Jefferson University is an EEO/AA Educator. Employer.
VANDERBILT UNIVERSITY School of Medicine

The Department of Biochemistry at Vanderbilt University School of Medicine is seeking applicants for a tenure-track faculty position at the rank of Assistant, Associate, or Full Professor. The successful candidate will be expected to establish an innovative research program, educate graduate/medical students, train post-doctoral fellows, and participate in service activities within Vanderbilt and the scientific community. A generous start-up package and laboratory space will be provided. The Biochemistry Department currently has internationally recognized researchers in the areas of cell signaling, cell cycle checkpoints, cancer biology, neurobiochemistry, enzymology, mass spectrometry, and structural biology. Applicants will be evaluated primarily on the strength of their research program. All research areas and experimental approaches will be considered. However, we are especially interested in candidates with interests in epigenetics, DNA repair, DNA replication, cell cycle control or other research areas that complement the existing strengths within the Genome Maintenance Program of the Vanderbilt-Ingram Cancer Center.

Please forward an electronic cover letter, curriculum vitae, contact information for three references, and description of research program as a single pdf file to marlene.jayne@vanderbilt.edu.

Alternatively, mail hard copies of these materials to:
Biochemistry Faculty Search
Vanderbilt University School of Medicine
c/o Marlene Jayne
607 Light Hall
Nashville, TN 37232

The application deadline is October 31, 2010 but applications will be evaluated as they arrive.

Women and minority candidates are especially encouraged to apply.

Canada Research Chair in Conservation Ecology
Departments of Botany and Zoology

The Department of Botany at the University of British Columbia invites applications for a Plant Ecologist to be hired at an Associate Professor level. Applications are encouraged from advanced Assistant Professors who are competitive for tenure, as well as from those already appointed at an Associate Professor level. The appointment begins no earlier than July 1, 2011. We seek outstanding applicants who address fundamental research questions in any area of Plant Ecology. The successful applicant will become a part of the Biodiversity Research Centre, whose members have recently been brought together in a new building containing research spaces and laboratories, as well as the Beaty Biodiversity Museum. A companion search is underway for a Plant Ecologist to be hired at an Associate Professor level.

Responsibilities of the position include establishing and conducting an internationally competitive, externally funded, research program, effective teaching at the undergraduate and graduate levels, supervising graduate students and performing service duties for the departments, university, and academic/scientific community.

Canada Research Chairs are open to individuals of any nationality; offers will be made in accordance with Canada Immigration requirements associated with the Canada Research Chairs Program. The position is subject to review and final approval by the CRC Secretariat.

View full posting and apply at www.hr.ubc.ca/careers/faculty_postings.html, Job ID 8560. Screening of applications will begin November 15, 2010.

Associate Professor in Plant Ecology
Department of Botany

The Department of Botany at the University of British Columbia invites applications for a Plant Ecologist to be hired at an Associate Professor level. Applications are encouraged from advanced Assistant Professors who are competitive for tenure, as well as from those already appointed at an Associate Professor level. The appointment begins no earlier than July 1, 2011. We seek outstanding applicants who address fundamental research questions in any area of Plant Ecology. The successful applicant will become a part of the Biodiversity Research Centre, whose members have recently been brought together in a new building containing research spaces and laboratories, as well as the Beaty Biodiversity Museum. A companion search is underway for a Plant Ecologist to be hired at an Associate Professor level.

Responsibilities of the position include establishing and conducting an internationally competitive, externally funded, research program, teaching at undergraduate and graduate levels, supervising graduate students, and performing service duties for the department, university, and academic/scientific community.

View full posting and apply at www.hr.ubc.ca/careers/faculty_postings.html, Job ID 8561. Screening of applications will begin November 15, 2010.

UBC hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. However, Canadians and permanent residents of Canada will be given priority.
Tenure-Track Faculty Position in Chemistry or Chemical Biology
Sloan-Kettering Institute

Sloan-Kettering Institute (www.ski.edu) is seeking an innovative individual at the Assistant Member level, with strong research accomplishments in synthetic or mechanistic organic chemistry, or chemical biology to establish a research program which addresses problems relating to bioorganic chemistry and cancer research. Faculty will be eligible to hold graduate school appointments in the Gerstner 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 and TriInstitutional Training Program In Chemical Biology.

MSKCC offers a unique and exciting research environment with programs in Chemistry, Pharmacology, Immunology, Molecular Biology, Computational Biology, Genetics, Cell Biology, Developmental 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 creative collaboration.

Applications must have a Ph.D. in chemistry, biochemistry, chemical biology, or pharmacology, and a dedication to engage in collaborative research efforts at the interface of chemistry and biology. Both a strong record of achievement and the potential to secure external funding are required.

The deadline for applications is November 1, 2010. Interested candidates should visit http://facultyresearch.ski.edu to access the on-line faculty application. Please visit the site as soon as possible, as it contains important information on the required application materials, including deadlines for submission of letters of reference. Inquiries may be sent to Marie Aiello at aiellom@mskcc.org or to Dr. David Gin, Search Committee Chair, Molecular Pharmacology & Chemistry Program at ginid@mskcc.org

MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

Memorial Sloan-Kettering Cancer Center

www.mskcc.org

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Duke University Medical Center

The Department of Biochemistry, Duke University Medical Center (www.biochem.duke.edu), invites applications for multiple faculty positions at the Assistant and Associate Professor levels. We welcome candidates in all areas of biochemistry and biomolecular sciences. The successful candidate will be expected to establish a strong, independent research program and to participate in departmental teaching and service.

Electronic applications in PDF format (preferably as a single file) should include a curriculum vitae and summary of research interests, and should be sent to: facultysearch-biochem@win.duke.edu.

Recommendation letters (PDF) should be sent by three referees to: rec-biochem@win.duke.edu. Consideration of applications will commence in November 2010.

Duke University is an Equal Opportunity/Affirmative Action Employer.

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University of California, Irvine

FACULTY POSITION IN PHARMACOLOGY

The Department of Pharmacology at the University of California, Irvine (UCI) invites applications for a tenured faculty position at the level of Associate/Full Professor. We seek a scholar with a proven record of research accomplishments. He/she should have specific interest in cellular and molecular mechanisms governing gene expression and their functional links to physiology and metabolism. Special consideration will be given to candidates with expertise and experience in integrating genetic, biochemical and physiological approaches. Other qualifications include an M.D. and/or Ph.D. and a strong drive to pursue a dynamic research program and an interest in and talent for graduate teaching.

Interested applicants must submit cover letter, curriculum vitae, a statement of research, a statement of teaching and contact information for 3-5 references via the University of California Irvine’s Academic Personnel RECRUIT System at http://recruit.ap.uci.edu.

The University of California, Irvine has an active career partner program and an NSF ADVANCE Program for Gender Equity and is an Equal Opportunity Employer committed to excellence through diversity.

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Department of Molecular Physiology and Biophysics
Faculty Positions
Cell and Molecular Physiology of Skeletal Muscle

The Department of Molecular Physiology and Biophysics seeks outstanding candidates for tenure-track positions at any rank. Successful candidates are expected to establish independent laboratories focusing on the cellular and molecular mechanisms underlying the biology of skeletal muscle in health and disease. We are particularly interested in individuals who would complement existing strengths in the Iowa Center for Muscular Dystrophy Research.

These positions feature outstanding research space with state-of-the-art shared instrumentation, as well as substantial startup funds for equipment, personnel support and supplies. The University of Iowa is located in Iowa City, an affordable college community with many cultural amenities.

All applicants must have a relevant doctoral degree, productive research experience, and a strong record of research accomplishment. Candidates are judged on their potential to initiate and maintain a creative, independent research program, and their desire to train students and postdoctoral fellows.

To apply for a position, please visit the University of Iowa website at http://jobs.uiowa.edu/faculty/view/58347. Applicants should include a CV, letter of interest, and the names of three references. In addition, please send your CV directly to Dr. Kevin P. Campbell, Head of the Department of Molecular Physiology and Biophysics, at kevin-campbell@uiowa.edu. Consideration of completed applications will begin on November 1, 2010. Questions may also be directed to Dr. Campbell. Information about the Department and the Muscular Dystrophy Center can be found at www.physiology.uiowa.edu.

The University of Iowa is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.
The University of Texas at Austin

Cell Biology Position

The Section of Molecular Cell and Developmental Biology invites applications for a tenure-track Assistant Professor position. We seek an outstanding investigator who will build an active research program in eukaryotic cell biology and who will teach effectively at the undergraduate and graduate levels. The successful applicant will be joining the biology community at UT-Austin during an exciting phase of growth, with recent hires in cell biology, developmental biology, plant biology, neuroscience, systems biology, and related areas. Very generous start-up funds are available, and the successful candidate will also be eligible for affiliation with the Institute for Cellular and Molecular Biology, which provides state-of-the-art facilities and supports an excellent graduate program.

Austin is located in the Texas hill country and is widely recognized as one of America’s most beautiful and livable cities.

Please send a single PDF file containing your curriculum vitae, summary of research interests and names of three references to: MCDB_cell_bio@biosci.utexas.edu. References may also send their letters directly to the same email address. Applications received by November 1, 2010 will receive first consideration, but applications will continue to be accepted until the position is filled.

Home pages: http://www.biosci.utexas.edu/MCDB/ and http://www.icmb.utexas.edu/

The University of Texas, Austin is an Equal Opportunity Employer that values diversity in its work force. Women and minorities are encouraged to apply; a background check will be conducted on applicant selected.
Director
Division of Medical Genetics
Department of Human Genetics
Emory University, Atlanta, Georgia

The Department of Human Genetics at Emory University School of Medicine is seeking a Director for the Division of Medical Genetics. We seek an outstanding clinician scientist to lead a comprehensive and vibrant medical genetics program with outpatient services, including general, specialty and outreach genetics clinics, and inpatient consultations at Children’s Healthcare of Atlanta. The position will also include a leadership role in the Medical Genetics residency program and participation in training of graduate students, medical students and residents.

The Department of Human Genetics, founded in 2001, is both a basic science and clinical department with 53 faculty members, including 14 who are ABMG certified. The Department, recently ranked 6th in NIH funding for genetics departments, has an exceptional research program with many faculty involved in translational and/or clinical research (see www.genetics.emory.edu). In addition, the Department hosts Emory Genetics Laboratory, a clinical laboratory that specializes in rare disease testing and continues to be a leader in technology advancements. The unique combination of fully-fledged basic research faculty, along with the comprehensive clinical genetics program, places the Department at the forefront of contemporary translational research and predictive health.

Emory University consistently ranks among the top 20 research universities and is the largest healthcare system in Georgia, serving more than 5 million individuals. It also boasts strong academic training programs and recently earned high ranking among academic institutions in the “Best Places to Work for Postdocs”.

The qualified candidate must hold an M.D. or M.D./Ph.D. degree and be ABMG board-certified in Clinical Genetics. Experience in leadership positions and an outstanding track record in research are also required. Although substantial resources will be made available to qualified candidates, exceptional candidates have the potential for an appointment as an endowed professor.

Please send CV, cover letter, and names of 3 potential references to:
Dr. Christa Lese Martin, Ph.D.
Department of Human Genetics, Emory University School of Medicine
615 Michael St., Suite 301, Atlanta, GA 30322
or clmartin@genetics.emory.edu

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**Basic/Translational Researcher**

The University of Pittsburgh Department of Neurological Surgery is recruiting an experienced basic/translational researcher for a Research Assistant Professor position. Candidates should have a doctoral degree and at least five years of post-doctoral experience. Candidates will be responsible for the overall coordination of all research efforts in our Neuroapoptosis Laboratory including the writing and editorial assistance of progress reports, manuscripts, grant proposals and IACUC protocols. Salary is competitive and commensurate with training and experience.

Send inquiries to:

Robert M. Friedlander, M.D.
Chairman
Department of Neurological Surgery
Suite B-400 PUII, 200 Lothrop Street
Pittsburgh, PA 15213
(412) 647-6358
Friedlanderr@upmc.edu

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

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**Two Assistant Professors of Cell Biology and Neuroscience**

The Department of Cell Biology and Neuroscience at Rutgers, The State University of New Jersey, Piscataway, seeks to fill two tenure-track positions at the Assistant Professor level. The first of these positions will be filled by an individual working on adult onset neurodegenerative disease including, but not limited to Alzheimer’s disease, ALS and SMA. This individual will also have an appointment in the emerging Rutgers Brain Health Institute, which maintains strong ties to the biotech and pharmaceutical industries in the area. The second position will be filled by an individual with experience and interest in the use of human stem cells, in particular iPSCs, and their application to the biology of pluripotency or developmental neurobiology. This individual will have laboratory space in the Rutgers Stem Cell Research Center and will have access to large numbers of cell lines derived from well-defined neurological conditions and genetic disorders through The Rutgers Cell & DNA Repository. The Department is part of the Division of Life Sciences, a group of Departments and Institutes with research foci ranging from biomaterials and nanotechnology to human genetics.

Applicants should have a Ph.D. and/or M.D. with a minimum of three years postdoctoral experience. The successful candidate will be expected to establish an independent research program supported by external funding and to contribute to undergraduate and graduate education. The Department offers excellent facilities and competitive start-up packages. Interested individuals are encouraged to apply online through the CBN website (http://cbn.rutgers.edu). Review of applications will begin immediately on a rolling basis.

Rutgers University is an Equal Opportunity/Affirmative Action Employer.

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**University of Minnesota Tenure-Track Assistant Professor in Systems and Computational Biology**

The Department of Biochemistry, Molecular Biology and Biophysics invites applications for a full-time, tenure-track Assistant Professor position to begin on or around July 1, 2011. We seek candidates whose expertise complement existing Departmental strengths and who integrate systems level approaches and computational tools for the study of metabolic disease and/or cancer. For more details about the Department please consult: http://cbs.umn.edu/

The successful candidate will be expected to develop a strong, externally funded research program and contribute to the interdisciplinary undergraduate, graduate and professional teaching programs of the University. Preference will be given to candidates seeking to use cutting-edge genomic, proteomic and/or metabolomic technologies along with computational tools to gain biological insights at a systems level. Establishing collaborative partnerships across disciplines will be strongly encouraged. All candidates must have a Ph.D. and/or MD degree, applicable postdoctoral experience and a strong publication record.

The successful candidate will receive a substantial start-up package to establish their laboratory and a salary commensurate with education and experience. We will begin reviewing applications immediately and continue until the position is filled. Please apply online at employment.umn.edu, click on “Search Postings” and enter 168329 into the requisition number field. Please attach curriculum vitae and a brief statement of research plans (not to exceed 5 pages). Three letters of recommendation that consider both research and teaching potential should be sent to the Faculty Search Committee, c/o Ms. Ann Johnson, Department of Biochemistry, Molecular Biology and Biophysics, University of Minnesota, 6-155 Jackson Hall, 321 Church Street S.E., Minneapolis, MN 55455 or as an attachment to swans143@umn.edu.

The University of Minnesota is an Equal Opportunity Educator and Employer. The Department of Biochemistry, Molecular Biology and Biophysics strongly encourages all individuals to apply regardless of gender, ethnicity or background and is committed to a diverse research and teaching environment.
Assistant Professor of Microbiology

The Department of Microbiology invites applications from Ph.D.-level scientists for a tenure-track position at the level of ASSISTANT PROFESSOR. The Department’s 15 faculty members and affiliated units at the University have broad research strengths in microbiology, immunology, immunity and host defense, microbial pathogenesis, virology, microbial physiology, genetics, genomics, environmental microbiology, and biotechnology. We are seeking outstanding candidates taking innovative, molecular and cellular approaches to the study of Medical Microbiology. This area is broadly defined and would include the study of viral, prokaryotic and or eukaryotic and prionc pathogens. The successful candidate will have had at least three years postdoctoral experience and will have published several articles in high impact peer-reviewed journals. He/She will be expected to establish a strong independent, extramurally funded research program and participate in the teaching of undergraduate and graduate courses. Research facilities that include new animal care and BSL III facilities, and competitive salary and start-up funds will be provided. Opportunities exist to establish strong collaborations with faculty in the Five College Area and at Bay State Medical Center.

Applicants should send a curriculum vitae, a statement of research and teaching interests, reprints of recent publications, and at least three letters of recommendation to: Chair of Microbiology Search Committee, Department of Microbiology, University of Massachusetts, N203 Morrill IV North, Amherst, MA 01003; microbiob-dept@microbio.umass.edu. The search committee will begin reviewing applications on October 18, 2010 and will continue until the position is filled. Hiring is contingent upon the availability of funds.

The Five College Consortium, comprised of Smith College, Amherst College, Mount Holyoke College, Hampshire College, and the University of Massachusetts Amherst, provides an intellectual environment committed to providing academic excellence and diversity including mentoring programs for faculty. The College and the Department are committed to increasing the diversity of the faculty, student body and the curriculum. The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.

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

Department of Pharmacology
(with potential joint appointment in the Institute for Translational Neuroscience)

Tenure/Tenure Track Position
(Professor, Associate Professor, Associate Professor, Professor)

The Department of Pharmacology at the University of Minnesota invites applications for a tenure/tenure-track faculty position (Assistant, Associate or Full Professor). Applicants using molecular, biochemical, cellular, and/or integrative translational approaches to study problems relevant to pharmacological sciences are encouraged to apply. Positions are also available in this joint recruitment with the Institute for Translational Neuroscience, whose interest is in how basic science discoveries may lead to new therapeutic principles of certain neurological disorders (see their website for more details). Qualifications include a Ph.D. in biomedical science, or an M.D. degree, and relevant postdoctoral research experience. Applicants must have a strong record of research accomplishments, as documented by publications in leading peer-reviewed journals. The successful Assistant Professor candidate will be expected to develop an innovative, competitive research program supported by extramural funding and to participate in departmental teaching activities. Applicants for Associate Professor and Professor positions must demonstrate distinction in published research, evidence of consistent extramural funding, and a commitment to teaching. For additional information about the department and the Institute for Translational Neuroscience, visit: www.pharmacology.med.umn.edu and http://www.itn.umn.edu.

Interested applicants should apply online at http://employment.umn.edu/applicants/Central?quickFind=88959 for the Assistant Professor position or at http://employment.umn.edu/applicants/Central?quickFind=88961 for the Associate Professor or Professor position, and attach a letter of interest, curriculum vitae, brief statement of research interests, and contact information for three references.

The newly established Department of Developmental Biology at the University of Pittsburgh School of Medicine is seeking a highly qualified individual to fill a tenure track position at the Assistant/Associate Professor level. Outstanding candidates with research expertise in the field of systems biology/computational biology are encouraged to apply. The successful candidate is expected to establish a high quality independent research program in systems biology and will have the opportunity to collaborate with faculty members of Development Biology in projects related to gene regulatory networks, whole genome analysis, and statistical genetics as they are related to development. Currently the department has research interests in human stem cell biology, regenerative medicine, and in cardiovascular, renal and liver development. The department also has ongoing research focused on elucidating developmental mechanisms that impinge on human diseases. In accordance with the multidisciplinary research activities of the appointee, the appointee may be offered a secondary appointment in the Dept. of Computational and Systems Biology of the University of Pittsburgh School of Medicine. In addition, the appointee may have unique opportunities to collaborate with faculty and researchers at the Pittsburgh Supercomputing Center and Carnegie Mellon University. For more information about the Dept. of Developmental Biology, please go to: www.devbio.pitt.edu.

Applicants should have a Ph.D. degree and are invited to send their CV, a short summary of research interests and future research plans, and names of three referees by November 30th, 2010 to: dbsearch@pitt.edu; Faculty Search Committee, Department of Developmental Biology, 530 45th Street, 8111 Rangos Research Center, Pittsburgh, PA 15210, USA.

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

Tenure/Tenure Track Faculty Positions in Biological Sciences

The Department of Biological Sciences at Wayne State University has multiple tenure track openings for new faculty. Rank will be dependent upon qualifications. Preference will be given to candidates who use innovative approaches to study complex biological problems using animal, plant or microbial models.

Physiology: Areas of interest include, but are not limited to, neurobiology, cellular and intercellular signaling and the role of regulation in the aging process.

Developmental Biology: Areas of interest include, but are not limited to, epigenetics, comparative development processes, developmental plasticity and regeneration. Animal and plant systems are equally welcome.

Microbiology: Areas of interest include, but are not limited to, bacteriology, virology, immunology, host-pathogen interactions, and infectious disease processes.

Wayne State University is a large, comprehensive, nationally ranked research institution that offers state-of-the-art research facilities and highly competitive start-up packages. The metropolitan Detroit area offers a rich cultural and educational environment, an excellent standard of living, and easy proximity to Michigan’s lakes, forests and recreational sites.

Applicants must have a Ph.D. degree, postdoctoral experience and an outstanding record of research achievement. Successful applicants are expected to establish and maintain vigorous, externally funded research programs and to participate in graduate and undergraduate education. All positions are posted online at jobs.wayne.edu. In addition to an online application that includes cover letter and curriculum vitae, applicants must submit a 2-page statement of their research plans and have three letters of reference sent to: Faculty Search Committee, Department of Biological Sciences, Wayne State University, 5047 Gullen Mall, Detroit, MI 48202. Please apply by November 1, 2010 for full consideration. Applications will be considered only when all materials have been received.

Wayne State University is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are especially encouraged to apply.
Assistant Professor
Biochemistry

The Department of Biochemistry at The University of Texas Southwestern Medical Center invites applications from candidates for a tenure-track faculty position at the rank of Assistant Professor. Candidates should be engaged in innovative research within the broad fields of biochemistry or molecular biology. UT Southwestern maintains state-of-the-art facilities and employs a faculty that includes four Nobel Laureates and eighteen members of the National Academy of Sciences. The Biochemistry Department offers a vibrant environment for research, generous start-up support, and participation in graduate-level teaching.

Applicants should submit a curriculum vitae, a concise description of research plans and three letters of reference by October 31, 2010 to Steven L. McKnight, Chair, Department of Biochemistry (biochem.search@utsouthwestern.edu).

The University of Texas Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

Assistant Professor
Biochemistry

The Department of Biochemistry at The University of Texas Southwestern Medical Center invites applications from qualified candidates for a tenure-track faculty position at the rank of Assistant Professor. We are seeking a mass spectrometrist engaged in innovative research in the field of proteomics. UT Southwestern maintains state-of-the-art facilities and employs a faculty that includes four Nobel Laureates and eighteen members of the National Academy of Sciences. TheBiochemistry Department offers a vibrant environment for research, generous start-up support, and participation in graduate-level teaching.

Applicants should submit a curriculum vitae, a concise description of research plans and three letters of reference by October 31, 2010 to Steven L. McKnight, Chair, Department of Biochemistry (proteomics@utsouthwestern.edu).

The University of Texas Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women and minority candidates are encouraged to apply.

Assistant or Associate Professor
of Pharmacuetics and Drug Delivery

The Department of Pharmaceutical Sciences invites applications for a tenure-track or tenured faculty position.

The candidate should have demonstrated research productivity through a focused research program in Pharmacutics and Drug Delivery. The successful candidate will be expected to establish an extramurally-funded research program, participate in both professional PharmD and graduate teaching, and service. Applicants with current transferable funding will be given a priority. The Department of Pharmaceutical Sciences houses the Center for Drug Discovery, New England Inflammation and Tissue Protection Institute, the Center for Pharmaceutical Biotechnology and Nanomedicine, and the Center for Translational Imaging.

For additional information about the Department, please visit the website: http://www.pharmsci.neu.edu.

For more information about the position please contact Robert Schatz, Ph.D., Associate Professor of Toxicology and Search Committee Chair, at r.schatz@neu.edu.

http://www.neu.edu

Northeastern University is an Equal Opportunity/Affirmative Action, Title IX, and an ADVANCE institution.
Faculty Recruiting

The Jackson Laboratory, a mammalian genetics research institution in Bar Harbor, Maine, is hiring Assistant, Associate and Full Professors. Faculty members are being recruited for research in diverse areas, including:

- Cancer Biology
- Computational Biology and Bioinformatics
- Comparative Mouse and Human Genomics
- Genetics of Complex Traits
- Neuroscience
- Stem Cell Biology
- Developmental Biology
- Immunology/Inflammation
- Metabolic Disease/Aging Research

Candidates should have a Ph.D., M.D., or D.V.M. with an exceptional record of research accomplishment. The ability to develop a competitive, independently funded research program is essential.

The Jackson Laboratory offers a uniquely collaborative scientific research environment. Faculty is supported by outstanding scientific support services, unparalleled mouse and genomic resources, postdoctoral and predoctoral training programs, and numerous courses and conferences centered on the mouse as a genetic model for human biology and disease.

Applicants should submit a curriculum vitae and a statement of research interests and plans online to: www.jax.org/careers, click on Faculty Positions. In addition, please arrange to have three letters of reference sent to: facultyjobs@jax.org

The Jackson Laboratory is an EOE/AA employer.

The Jackson Laboratory, 600 Main Street, Bar Harbor, Maine 04609

Faculty Positions: Center for Cell Engineering

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. Applicants may be considered for appointment in the Molecular Pharmacology and Chemistry, Immunology or Developmental Biology Programs of the Sloan-Kettering Institute (http://www.ski.edu). Qualified applicants with an MD degree may be offered a joint appointment in an appropriate department in Memorial Hospital. Faculty will be eligible to hold appointments in the Genentech 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.

The CCE focuses on research leading to innovative cell therapies and the clinical translation thereof. Successful applicants will have access to outstanding resources, including state-of-the-art facilities for eGMP cell processing, cell purification, imaging, vector production, transgene monitoring, genomic analyses and chemical screens. 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 and/or PhD degree, productive postdoctoral experience, and dedication to important problems related to human cell engineering, including induced pluripotent stem cells, and the development of novel cell therapies.

The deadline for applications is November 1, 2010. Interested candidates should visit http://facultysearch.ski.edu to access the online faculty application. Please visit the site as soon as possible, as it contains important information on the required application materials, including deadlines for submission of letters of reference. Inquiries may be sent to Tiffany Lennon, at lenront@mskcc.org or to Dr. Michel Sadelain, Director, Center for Cell Engineering at ms-sadelain@ski.mskcc.org. MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.
FACULTY POSITIONS

Faculty Position
Norris Cotton Cancer Center (NCCC), bridging Dartmouth Medical School (DMS) and Dartmouth-Hitchcock Medical Center (DHMC), seeks candidates for a tenured or tenure-track faculty position in the Molecular Biology of Cancer. Physicians at NCCC see over 400 new lung cancer patients annually, and our goal is to recruit an established investigator to participate in an interdisciplinary program of physicians and scientists focused on the etiology and treatment of lung cancer. Candidates should have an M.D., Ph.D., or both degrees; an outstanding academic record, and an externally funded research program relevant to cancer in scientific areas that might include (but not be limited to) cellular signaling, stem cell biology, genome stability, genomics, proteomics, drug discovery, and/or structural biology using modern experimental model systems. The successful candidate will be appointed in a scientifically appropriate academic DMS department at the rank of Associate or Full Professor and will be expected to participate in teaching/mentoring in the graduate and/or medical school.

NCCC is one of only 40 National Cancer Institute-designated comprehensive cancer centers in the United States with facilities at DHMC, ranked by US News and World Report as one of the top 50 hospitals nationally. Laboratories at NCCC and DMS, which rank as one of the top 35 NCI grant recipients, are state-of-the-art, buttressed by a full spectrum of research support services, including genomic, proteomic, bioinformatics, imaging, transgenic animal and pathology core facilities. Additional information is available on the NCCC website: http://www.cancer.dartmouth.edu/.

Curriculum vitae, including extramural grant support, statements of research interests, administrative experience, and contact information for at least five references should be sent in PDF format to: Lung.Faculty.Search@Dartmouth.edu.

Review of applications will begin immediately and will continue until the position is filled.

Dartmouth is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are strongly encouraged to apply.

The Linda and Jack Gill Center for Biomolecular Science at Indiana University, Bloomington, IN

ENDOWED PROFESSORSHIP IN CELLULAR/MOLECULAR NEUROSCIENCE

Indiana University – Bloomington and The Linda and Jack Gill Center for Biomolecular Science seek an outstanding senior-level molecular or cellular neuroscientist to join the Gill Center (www.indiana.edu/~gillctr) as one of five endowed chairs. This position offers an attractive salary and start-up package, a generous annual endowment, and access to substantial core facilities. The Gill Center Laboratories are housed in a new (fall, 2009) research building. We specifically seek an individual with a record of outstanding research contributions, proven ability to secure sustained extramural funding, expertise in state-of-the-art molecular and cellular neuroscience techniques, and demonstrated leadership in their chosen field. A PhD and/or MD in a relevant discipline is required. The Gill Center was established by a generous gift from Linda and Jack Gill with a mission to address important neuroscience questions using cutting edge technology. Questions about the position can be directed to the interim director of the Gill Center, Ken Mackie (kmackie@indiana.edu).

Applicants should electronically submit dossiers, including a curriculum vitae, a statement of research accomplishments and future plans, representative publications, and the names of six references to Misty Theodore (gillctr@indiana.edu). Applications will be reviewed until the position is filled.

Indiana University is an Affirmative Action Employer. Applications from women and minority candidates are especially encouraged.

The University of Utah and Huntsman Cancer Institute invite applications for a tenure-track faculty position at the assistant or associate professor level. We seek a basic cancer biologist with an interest in early translational research, a PhD or MD/PhD, and a track record of scientific excellence. Research interests could include basic cellular mechanisms altered in cancer, tumor models, cancer genetics, and investigational therapeutics. Departmental strengths include epigenetics and transcriptional regulation, mouse and zebrafish models of cancer, and cancer cell biology, including signaling, apoptosis, motility, and metabolism. Huntsman Cancer Institute is an NCI-Designated Cancer Center with state-of-the-art laboratories and shared resources, including core facilities for imaging, genomics, drug screening, and population studies. We offer a collegial and interactive research environment that fosters the development of junior faculty and robust graduate programs for training PhD and MD/PhD students.

Candidates are encouraged to apply by November 10, 2010, with their curriculum vitae, a description of research interests and accomplishments, and three letters of recommendation to:

Huntsman Cancer Institute, University of Utah Attn: Recruitment Office, Room 5363 2000 Circle of Hope, Salt Lake City, UT 84112-5550 e-mail: hci.recruitment@hci.utah.edu

The University of Utah is an Affirmative Action/Equal Opportunity employer and does not discriminate based on 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, Salt Lake City, UT 84112 801-581-8165.

We strongly encourage applications from women and minority candidates. Harvard University is an Equal Opportunity/Affirmative Action Employer.

ASSISTANT PROFESSOR

DEPARTMENT OF GENETICS

HARVARD MEDICAL SCHOOL

The Department of Genetics at Harvard Medical School invites applicants for a tenure-track faculty position at the rank of Assistant Professor. The Department of Genetics consists of faculty working on diverse problems using a variety of approaches and model organisms, unified in their focus on the genome as an organizing principle for understanding biological phenomena. We are seeking outstanding applicants, with a demonstrated potential for imaginative research and a clear vision for the future, who are working on exciting problems in any area of genetics, broadly defined. The successful candidate is expected to direct innovative and independent research and participate in the teaching of graduate and medical students. Significant scholarly and scientific resources are readily available with this position. Our highly interactive Department provides the opportunity to interact and collaborate with other dedicated researchers within the diverse Harvard research community. For further information about our Department, please see our Web Page: http://genetics.med.harvard.edu.

Applicants should submit electronic copies of curriculum vitae, bibliography, a brief description of research accomplishments and future research interests (limit to 500 words) by October 31, 2010, and ask three references to provide letters of recommendation. These materials should be sent to the following email address: faculty_search@genetics.med.harvard.edu.

We strongly encourage applications from women and minority candidates. Harvard University is an Equal Opportunity/Affirmative Action Employer.
The Wenner-Gren Institute for Experimental Biology at Stockholm University invites applicants for a faculty position at the Full Professor level in Immunobiology. We are looking for an outstanding investigator that is contributing to a molecular understanding of fundamental questions in vertebrate immunology. Applicants must have an exceptional record of research productivity and demonstrated scientific proficiency at a high international level with a clearly defined program of independent research.

The position offers significant scientific resources in a stimulating environment. In addition to carrying out research, the incumbent is expected to participate in teaching activities at the University at the undergraduate and post-graduate levels.

For more information, please access the Wenner-Gren Institute webpage: www.wgi.su.se. Initial enquires, and requests for additional information may be directed in confidence to Prof. Per O. Ljungdahl, e-mail: per.ljungdahl@wgi.su.se.

Applications must be submitted using the Template for application for employment and for promotion to the rank of professor or senior lecturer at Stockholm University. The template and other relevant documents including Rules of Employment for the hiring of Teachers can be downloaded from www.su.se/nyanstallning or be obtained from the administrative coordinator Katarina Gustafsson, e-mail: katarina.gustafsson@science.su.se.

Applications are welcome quoting ref no SU 611-0889-10, and should be received no later than November 1, 2010.

Stockholm University is an equal opportunity employer intent on increasing the proportion of women in research and teaching. Female scientists are encouraged to apply.
Chemical Biology/ Medical Research

The OHsu Department of Physiology and Pharmacology invites applications for tenure-track faculty positions from individuals with a solid chemistry background interested in applying the tools and techniques of chemistry to biological and biomedical research. We are especially interested in candidates having a strong background in organic synthesis and research interests targeting important areas in biology and medicine.

Preference will be given to candidates for the position of Assistant Professor, but exceptional candidates for the position of Associate and Full Professor will also be considered. We seek individuals who will develop an independent research program, contribute to the teaching of medical and graduate students and interact with investigators studying drug metabolism, signal transduction, ion channel biology, G-protein coupled receptors and cardiovascular and reproductive biology.

OHsu offers a highly interactive research environment and superb opportunities for career development in a spectacular Pacific Northwest setting. A complete application consists of a curriculum vitae, a brief summary of research accomplishments, an outline of future research plans, and three letters of recommendation.

Applications and letters of recommendation may be directed to:
Thomas S. Scanlan, Ph.D.
Professor of Physiology and Pharmacology and
Director, Program in Chemical Biology.
Faculty Search (CB)

Dept. of Physiology and Pharmacology
Mail code L334
Oregon Health & Science University
3181 S.W. Sam Jackson Park Road
Portland OR, 97239-3008

OHsu is an equal opportunity, affirmative action institution.

Assistant Professor
Tenure-Track
Computational Biology or Bioinformatics
Department of Computer Science

We invite applications from Ph.D.-level computer scientists for a Five College joint faculty position based at UMass Amherst with research, teaching, and service shared with Mount Holyoke College, providing the successful candidate with the unique opportunities of both a premier research university and an elite liberal arts college. For details on the Five College Consortium, visit: www.fivecolleges.edu. Focus areas could include proteomics, metabolomics, genomics, systems biology, statistical genetics, evolutionary biology, medical informatics, or other areas at the intersection of computer science, biology, and biotechnology. The successful candidate will enjoy exciting opportunities for collaboration in such research areas as protein folding, genome sequence annotation, imaging, machine learning, and cellular biophysics. Teaching and post-doctoral experience preferred. UMass Amherst and Mount Holyoke College are strongly committed to having a diverse faculty and student body. For more information, visit: www.cs.umass.edu/bioinformssearch.

Send curriculum vitae, a description of research interests and teaching experience, and three letters of recommendation to: Chair, Bioinformatics Search Committee, Computer Science Department, 140 Governors Drive, UMass Amherst, Amherst, MA 01003-9264; electronic submissions are encouraged: bioinformssearch@cs.umass.edu. Review of applications will begin November 15, 2010, and continue until the position is filled.

The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.

UNIVERSITY OF PITTSBURGH

Cell Biology Faculty Positions

The Department of Cell Biology and Physiology at the University of Pittsburgh, School of Medicine seeks candidates for Assistant, Associate and/or Full Professor tenure stream and tenured faculty positions. Successful candidates will be expected to establish and maintain a vigorous, innovative and independent research program in the broad area of cell biology, including, but not limited to organelle dynamics and biogenesis, membrane trafficking, intracellular signaling, cytoskeleton, autophagy and systems biology aimed at basic cell biology questions. The successful candidate will join an interactive, interdisciplinary group of faculty, students and fellows, and enjoy access to the state-of-the-art equipment and facilities at the University of Pittsburgh. Candidates must hold a Ph.D. or an equivalent degree and have a strong record of research accomplishments. Highly competitive start-up, compensation and benefits packages are offered.

Curriculum vitae, statement of research interests, two recent most important papers, and e-mail addresses of three references can be sent to: cbp@pitt.edu. Review of applications will begin immediately and continue until the positions are filled.

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

ION CHANNEL RESEARCH UNIT
Duke University Medical Center

Tenure Track Faculty Position
Assistant Professor/Associate Professor

The Ion Channel Research Unit (ICRU) at Duke University Medical Center invites applications for a tenure track faculty position.

The candidate should be a scientist or a physician-scientist with a laboratory research program in an area of membrane excitability and/or ion channel function and/or ion channel physiology. Among the broad research areas relevant to this search are programs focusing on channelopathies, neuropsychiatric disorders and neuronal function, cardiace arrhythmias, peripheral nociception, optogenetics, structural biology, and development.

The ICRU is a multi-departmental and interdisciplinary group of investigators organized around membrane excitability. The laboratory of the successful applicant will be within ICRU space adjacent to ICRU members and the applicant will receive a primary appointment in an appropriate basic or clinical department within the medical school. Opportunities to interact with and build upon programs relevant to membrane excitability include those in neuroscience, cardiac electrophysiology, structural biology, hormone signaling, renal physiology, and development.

The candidate is expected to work primarily as laboratory researcher. High priority will be placed on creativity in laboratory research, potential for independent funding, and dedication to excellence in teaching. A generous start up package commensurate with the candidate’s academic level will be provided. Interested individuals should submit a CV, statement of research interest, and request that three letters of references to be sent as PDF files directly to: icru@mc.duke.edu. The deadline for receipt of applications is November 22, 2010.

Duke University Medical Center is an Equal Opportunity/Affirmative Action Employer.

NEUROSCIENCE AND CELL BIOLOGY

The Department of Neuroscience and Cell Biology at UMDNJ-Robert Wood Johnson Medical School seeks a full-time faculty member at any academic level whose primary responsibility will be to develop and direct a new Neuron, Brain and Behavior course as part of a multidisciplinary, integrated medical curriculum. Additional responsibilities will include developing and directing Neuroscience courses for Physician Assistant students and Masters level graduate students as well as contributing neuroscience expertise to the Medical Gross Anatomy curriculum. Experience in medical education, in particular case based learning and other innovative educational methods, is highly desired.

To apply please send a Teaching Portfolio including a short statement of teaching philosophy, a Curriculum Vitae and 3 letters of recommendation to: Dr. Cheryl Dreyfus, Professor and Acting Chair, Department of Neuroscience and Cell Biology, UMDNJ-Robert Wood Johnson Medical School, 675 Hoos Lane, Piscataway, NJ 08854, Attn. Ms. Beth Sparta. UMDNJ is an Affirmative Action/Equal Opportunity Employer, rv/f/v/d, and a member of the University Health System of New Jersey.
We will begin review applications in October and applications will be ing, should submit a letter of application, curriculum vitae, history of fund- and/or undergraduate programs is anticipated. The offer will include a competitive startup package and laboratory facility. Applicants include a strong record of research and are sought for faculty positions at the Assistant, Associate, or Full Professor rank to join an expanding basic and translational research initiative with a focus on the molecular pathology and target-based therapeutics of hepatobiliary and pancreatic duct cancers.

Successful candidates should possess outstanding research credentials that complement and extend our current areas of research strengths, including those focused on model systems of hepatobiliary cancer development and progression, molecular pathology and pathogenesis of cholangiocarcinoma, bile acid signaling and growth factor receptor tyrosine kinases, tumor microenvironment, and target-based cancer therapeutics. Preference will be given to candidates who have transferable NIH-R01 funding or who are likely able to successfully compete for such funding. Selected candidates will also be expected to meet institutional requirements for participating in graduate student and postdoctoral training. Individual faculty appointments will be made in appropriate basic science or clinical departments, with academic rank based on the applicant’s qualifications. Successful candidates will receive a very generous start-up package, together with a competitive salary and excellent research space situated to maximize collaborative interactions. Candidates must have an earned M.D., Ph.D., or M.D./Ph.D. and demonstrate research accomplishments in the field of hepatobiliary and/or pancreatic duct cancer.

Interested individuals should submit a curriculum vitae, a summary of research interests and plans, and contact information and e-mail addresses for three professional references to: Dr. Alphonse E. Sirica, Search Committee Chair, Department of Pathology, Virginia Commonwealth University School of Medicine, P.O. Box 980297, Richmond, Virginia 23298-0297 at siricaa@mcvh-vcu.edu. Virginia Commonwealth University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

**College of Science**

**Biological Sciences • Chemistry • Economics • Geosciences Mathematics • Physics • Psychology • Statistics**

The Structural Biology Program of the Sloan-Kettering Institute (www.ski.edu) invites applications for a tenure-track faculty position at the Assistant Member level (equivalent to Assistant Professor). We are interested in outstanding individuals who have demonstrated records of significant accomplishment. Areas of interest include x-ray crystallography, NMR spectroscopy, EM and optical imaging, as well as the interface of structural, chemical and computational biology. Faculty will be eligible to hold graduate school 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.

The deadline for applications is November 1, 2010. Interested candidates should visit http://facultysearch.ski.edu to apply via the on-line faculty application. Informal inquiries may be sent to Julie Kwan at kwanj@mskcc.org or to Dr. Nikola Pavletich, Chair, Structural Biology Program at pavletin@mskcc.org. MSKCC is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

**Virginia Tech**

**Faculty Position**

**Structural Biology Program**

**Sloan-Kettering Institute**

The College of Science at Virginia Tech, in support of the university’s strategic plan, is expanding its research presence in: Energy and the Environment, Earth Systems, Neuroscience, Infectious Diseases, and Visualization and Pattern Recogniti- on. Faculty members will be recruited across several colleges to promote research efforts in these areas. Subject to budgetary approval, we intend to recruit new faculty in Biological Sciences, Chemistry, Economics, Geosciences, Mathematics, Physics, Psychology, and Statistics within the College of Science.

Both junior and senior level candidates are encouraged to apply. Please visit www.science.vt.edu and click on the links under Faculty Openings. Consideration of applications will begin as early as October 15, 2010 and will continue until the positions are filled.

Virginia Tech is an AA/EEO employer; applications from members of underrepresented groups are especially encouraged.

**Michigan State University**

**Microbial Pathogenesis**

**Department of Microbiology and Molecular Genetics**

The Department of Microbiology and Molecular Genetics at Michigan State University seeks candidates for a position at the Assistant, Associate or Full Professor level in microbial pathogenesis. Applicants are sought with demonstrated expertise in molecular mechanisms of pathogenesis, the evolution of pathogenicity, bacterial pathogenesis, microbial ecology of infectious diseases, genetics of virulence, or host immune-microbe interactions. Many opportunities exist for collaboration with other faculty in newly funded centers including a NSF STC center for the study of evo- lution in action (BEACON) and a NIH Enteric Research Investigational Network. Additional collaborative groups include the Center for Microbial Pathogenesis, Center for Microbial Ecology, and the Center for Water Sciences. The person who fills this position will be expected to build and lead collaborative groups. Expectations include a strong record of research accomplishment and, depending on rank, an independent, externally funded research program with broad visibility. Teaching within our graduate, pro- fessional, and/or undergraduate programs is anticipated. The offer will include a competitive startup package and laboratory facility. Applicants should submit a letter of application, curriculum vitae, history of fund- ing, statement of future research plans, and contact information for three referees (address, e-mail and phone) to mmgchair@msu.edu or to:

Microbial Pathogenesis Search Committee Chair
Dept of Microbiology and Molecular Genetics
2209 Biomedical & Physical Sciences Building
Michigan State University, East Lansing, MI 48824
mmgchair@msu.edu

We will begin review applications in October and applications will be accepted until the position is filled.

*Michigan State University is an Equal Opportunity Employer. Women and minority candidates are encouraged to apply.*

**Faculty Positions in Hepatobiliary/Pancreatic Duct Cancer Research**

As part of its new major strategic research plan, Virginia Commonwealth University’s School of Medicine in conjunction with the VCU Massey Cancer Center, a NCI-designated cancer center, is seeking applicants for two full-time tenure-track faculty positions at the Assistant, Associate, or Full Professor rank to join an expanding basic and translational research initiative with a focus on the molecular pathology and target-based therapeutics of hepatobiliary and pancreatic duct cancers.

Successful candidates should possess outstanding research credentials that complement and extend our current areas of research strengths, including those focused on model systems of hepatobiliary cancer development and progression, molecular pathology and pathogenesis of cholangiocarcinoma, bile acid signaling and growth factor receptor tyrosine kinases, tumor microenvironment, and target-based cancer therapeutics. Preference will be given to candidates who have transferable NIH-R01 funding or who are likely able to successfully compete for such funding. Selected candidates will also be expected to meet institutional requirements for participating in graduate student and postdoctoral training. Individual faculty appointments will be made in appropriate basic science or clinical departments, with academic rank based on the applicant’s qualifications. Successful candidates will receive a very generous start-up package, together with a competitive salary and excellent research space situated to maximize collaborative interactions. Candidates must have an earned M.D., Ph.D., or M.D./Ph.D. and demonstrate research accomplishments in the field of hepatobiliary and/or pancreatic duct cancer.

Interested individuals should submit a curriculum vitae, a summary of research interests and plans, and contact information and e-mail addresses for three professional references to: Dr. Alphonse E. Sirica, Search Committee Chair, Department of Pathology, Virginia Commonwealth University School of Medicine, P.O. Box 980297, Richmond, Virginia 23298-0297 at siricaa@mcvh-vcu.edu. Virginia Commonwealth University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.
**ENDOWED CHAIR IN MACROMOLECULAR STRUCTURE AND FUNCTION**

The Ohio State University

The Departments of Biochemistry and Chemistry at The Ohio State University seek applications to fill the faculty position of **OHIO EMINENT SCHOLAR**, a fully endowed tenured faculty position. The successful applicant will have well-documented research qualifications using modern analytical and physical approaches to investigate topics at the forefront of macromolecular structure and function. Individuals with research interests in proteomics, structure determination, molecular recognition and targeting, epigenetics, RNA biology, metabolomics, or other generally related areas are encouraged to apply. However, more than the specific focus, the quality of the applicant’s research program and promise for future accomplishments will be of primary importance. The successful applicant will be provided with a competitive salary, ample laboratory space, generous start-up funding for equipment and personnel, and an on-going annual operating budget.

The Departments of Biochemistry and Chemistry consist of ~55 faculty members, many of whom are actively engaged in the general research area of macromolecular structure and function, affording many opportunities for productive interactions and collaborations with the successful candidate. General information about the University and the Columbus metropolis is available through links at: [http://www.osu.edu](http://www.osu.edu).

Informal enquiries from potential applicants are strongly encouraged. Contact Prof. Richard P. Swenson (swenson.1@osu.edu; telephone: 614-292-9428) for further information. A curriculum vitae, description of research experience and future plans can be sent by email to the above address or the **Eminent Scholar Search Committee, Attn: R.P. Swenson, Dept. of Biochemistry, The Ohio State University, 484 West 12th Ave, Columbus, Ohio 43210**. Review of applications will begin immediately and continue until the position is filled.

**To build a diverse workforce, Ohio State encourages applications from individuals with disabilities, minorities, veterans, and women.**

*The Ohio State University is an EEO/AA and NSF ADVANCE employer*

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**Assistant Professor Position**

**Department of Molecular and Cellular Biology**

**and**

**FAS Center for Systems Biology**

**Harvard University**

We seek applications for a tenure-track faculty position in the fields of molecular and cellular biology and biochemistry. We are particularly interested in candidates who take systems biological approaches to address fundamental questions in biology. The Department and Center cover a broad range of topics, including molecular biology, genetics, cell biology, systems biology, developmental biology, neurobiology, computational biology, molecular evolution, theoretical biology, biochemistry, and structural biology, and provide access to state of the art animal facilities and core facilities (imaging, proteomics, genomics, bioinformatics). The Department and Center are closely associated with science initiatives at Harvard such as the Center for Brain Science, the Harvard Stem Cell Institute, the Broad Institute, and the Center for Nanoscale Systems.

We strongly encourage applications from women and minority candidates. Applications should include: curriculum vitae, reprints of publications, and a statement of present and future research plans (1-3 pages). Complete applications and three letters of recommendation, solicited by the applicant, should be receive no later than 3 November 2010.

Submit application to: [http://www.mcb.harvard.edu/Jobs/Faculty](http://www.mcb.harvard.edu/Jobs/Faculty)

For information contact Kimberly Kriz, kkriz@mcb.harvard.edu, Department of Molecular and Cellular Biology, Harvard University.

*Harvard is an Affirmative Action/Equal Opportunity Employer.*

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**Physician-Scientist Faculty Position in Immunology and Pediatrics**

*Columbia University*  
*College of Physicians and Surgeons*  

The Department of Microbiology & Immunology and the Department of Pediatrics at Columbia University, College of Physicians and Surgeons, are jointly recruiting a physician-scientist/immunologist whose research impacts pediatrics (e.g., IBD, allergy, autoimmunity, vaccine biology). We seek outstanding candidates pursuing basic and/or translational research in immunology who will foster broader collaborations between our departments. Rank may range from tenure-eligible assistant professor to full professor with tenure. Candidates must hold M.D. or M.D./Ph.D. degrees or equivalent and will be expected to maintain or develop an independent research program and participate in departmental teaching. Clinical service is not required but may be arranged if desired. A competitive recruitment package, including housing assistance, will be provided. For further information about the Department of Microbiology & Immunology and Columbia University Medical Center, please visit: [http://www.microbiology.columbia.edu](http://www.microbiology.columbia.edu).

For information about immunology research in the Department of Pediatrics, please visit: [http://www.cumc.columbia.edu/dept/pediatrics/allergy/immunology_research_intro.html](http://www.cumc.columbia.edu/dept/pediatrics/allergy/immunology_research_intro.html).

Please submit current curriculum vitae, a two- to three-page summary of present and future research interests, and three letters of recommendation. The online application is available at [https://academicjobs.columbia.edu/applicants/Contra?quickFind=53536](https://academicjobs.columbia.edu/applicants/Contra?quickFind=53536) for both submission and further information about this posting. Review of applications will begin immediately and continue until the position is filled.

*Columbia University is an equal opportunity/affirmative action employer.*

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**Two Faculty Positions in Microbiology**  
**Assistant Professor and Open Rank**  

*Indiana University, Bloomington*

The Indiana University Department of Biology ([http://www.bio.indiana.edu](http://www.bio.indiana.edu)) Microbiology Section ([http://www.bio.indiana.edu/graduate/micro/faculty.php](http://www.bio.indiana.edu/graduate/micro/faculty.php)) invites applications for two faculty positions. One position is tenure-track at the Assistant Professor level and the other position is open to all faculty ranks, including senior candidates. The successful candidates will be provided with a competitive startup package and salary, and will have access to outstanding research resources. Successful junior level candidates will be expected to develop a vigorous externally funded research program. Senior-level candidates are expected to be leaders in their field of research as demonstrated by strong publication and funding records. Both successful candidates will participate in teaching at the undergraduate and graduate levels. We are particularly interested in microbiologists whose research focuses on (i) environmental, genomic, and/or systems microbiology, and (ii) fundamental bacterial mechanisms in all areas including phage and pathogen models.

Applications received by **October 15, 2010** will be assured of full consideration. Inquiries should be sent to **Yves Brun** at iumicro@indiana.edu. Applicants should send a single PDF file that contains a cover letter, CV, research (past, present, and planned) and a teaching statement by E-mail to the above address and/or mail materials to Microbiology Search Committee c/o Yves Brun, Department of Biology, Indiana University Bloomington, Jordan Hall, Room 142, Bloomington, IN 47405. Please arrange to have at least four letters of recommendation sent by E-mail to the above address.

*Indiana University is an Affirmative Action/Equal Opportunity Employer. Women, minority candidates, and couples are encouraged to apply.*
A tenure track appointment is available in the Department of Biochemistry for autumn 2011. Areas of emphasis include protein and nucleic acids biochemistry, cellular function, metabolism, enzymology, signal transduction, and computational analysis. Preference will be given to applicants at the Assistant Professor level. A doctoral degree and strong record of research accomplishment are required. The successful candidate will join an interactive and diverse faculty, and will participate in campus-wide graduate training programs. Deadline for applications is November 15, 2010; late applications will be considered if an opening is still available.

Apply online at:
http://www.biochem.utah.edu/facultysearch/

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 IN VETERINARY ONCOLOGY

The Department of Medical Sciences, School of Veterinary Medicine, University of Wisconsin Madison seeks candidates for the Barbara A. Suran Endowed Chair tenure track faculty position in Veterinary and Comparative Oncology at the rank Associate or Full Professor.

Candidates should possess a DVM (or professional equivalent) degree and a record of excellent independent scholarship in basic or clinical research in Veterinary and/or Comparative Oncology. A Ph.D. and/or Board certification by the American College of Veterinary Internal Medicine (Oncology) is desired, but not required. Applicants must have demonstrated a strong commitment to the education of professional students, graduate students, and residents through a history of high quality instruction and service.

The successful candidate will direct independent research in the field of comparative oncology through the administration of the Barbara A. Suran Fund for Oncology Medical Science Research Excellence (Endowed) under the umbrella of the Barbara A. Suran Oncology Research Institute located within the School of Veterinary Medicine. Also, the successful candidate will engage graduate students, residents and veterinary students in classroom and laboratory teaching, and clinical service that advances the mission of the School. Distribution of effort will be 60% research, 30% instruction/clinical service, and 10% university service.

The Department fosters a multidisciplinary approach to research. Ongoing areas of research include comparative oncology, investigational comparative cancer clinical trials through the inclusion of companion animals with cancer, and pharmacogenomics. Established and emerging strengths include explorations of novel chemotherapy and immunotherapy modalities, the comparative relevance, and investigation of molecular, and functional imaging modalities to better inform the delivery of conformal radiation therapy (e.g., onsite TomoTherapyTM). Additionally, through institutional partnerships with the NIH/NCI-designated Carbone Comprehensive Cancer Center, significant collaborative activities are available and expected. Rank and salary will depend on experience and qualifications. Deadline for receipt of application and reference letters is October 31, 2010 or until a suitable candidate is identified. Applicants cannot be guaranteed confidentiality.

Applicants are invited to submit a curriculum vitae, letter of intent summarizing career goals and current activities, and names and addresses of three references to: Dr. Mark D. Markel, Chair, Department of Medical Sciences, School of Veterinary Medicine, University of Wisconsin Madison, 2015 Linden Drive, Madison, WI 53706-1102. Informal inquiries may be directed to Dr. David Vail (Chair of Search Committee) at 608-890-1324 or e-mail valid@vetmed.wisc.edu.

The University of Wisconsin is an Affirmative Action Equal Opportunity Employer committed to diversity.
The Department of Radiation Oncology and the Huntsman Cancer Institute invite applications for a tenure-track faculty position in the general field of molecular radiobiology. We seek a basic scientist with a PhD or MD/PhD with a track record of scientific excellence and potential to lead an NCI-funded research program. We prefer candidates at the Assistant or Associate Professor level. Research interest is broadly defined and includes investigation of basic cellular mechanisms altered in cancer, tumor models and translational research. The candidate also will contribute to the teaching of radiobiology to Radiation Oncology Residents. For those with MD/PhD qualifications in Radiation Oncology, we offer a part-time clinical position with protected research time. We offer strong institutional support, state-of-the-art laboratory and core facilities, a collegial and interactive research environment that fosters the development of junior faculty and robust graduate programs for training PhD and MD/PhD students.

Candidates are encouraged to apply by January 1, 2011, with their curriculum vitae, a description of research interests and accomplishments and three letters of recommendation to:

Huntsman Cancer Institute, University of Utah
Attn: Recruitment Office, Room 5363
2000 Circle of Hope, Salt Lake City, UT 84112-5350
e-mail: hci.recruitment@hci.utah.edu

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, 2015 S. Presidents Circle, Rm 135, Salt Lake City, UT 84112 801-581-8365.

The University of Utah is an Equal Opportunity/Affirmative Action employer. Qualified women and minorities are encouraged to apply.

VERTEBRATE EVOLUTIONARY IMMUNOLOGIST
DEPARTMENT OF BIOLOGY, UNIVERSITY OF NEW MEXICO
CENTER FOR EVOLUTIONARY AND THEORETICAL IMMUNOLOGY (CETI)

The Biology Department at the University of New Mexico is seeking applications for an Assistant Professor in the area of evolutionary/ comparative vertebrate immunology. This position is full-time, tenure-track, and is funded, in part, by an NIH Center of Biomedical Research Excellence (COBRE) award that supports the Center for Evolutionary and Theoretical Immunology (http://ceti.unm.edu).

We seek a colleague who will establish and maintain a vigorous, independent research program, is committed to excellence in teaching at the undergraduate through graduate levels, and is interested in joining a broadly based Biology Department.

Applicants must have a Ph.D. in biology or a related discipline at the time of appointment. Relevant postdoctoral experience preferred. Applicants must submit a cover letter, curriculum vitae, three representative reprints, and statements of current and future research and teaching interests. All application material must be uploaded and submitted through UNM’s electronic application system, UNMjobs, https://unmjobs.unm.edu. Applicants must also arrange for at least three letters of reference to be sent directly to biohire@unm.edu. Application materials must be received by close of business day, October 29, 2010, for best consideration.

Questions related to this posting may be directed to Dr. Charles Cunningham, ccunnin@unm.edu.

The University of New Mexico is an Equal Opportunity/Affirmative Action Employer and Educator. Women and underrepresented minorities are encouraged to apply.

Virology Position
The Institute for Cellular and Molecular Biology

The Section of Molecular Genetics and Microbiology at the University of Texas at Austin invites applicants for a tenure-track faculty position in virology at the Assistant Professor level. Outstanding applicants at the rank of tenured Associate or Full Professor will also be considered. Candidates should have an outstanding record of research productivity and a well-conceived research plan. We are particularly interested in candidates studying the molecular biology of replication and gene expression of animal viruses, virus-host interactions, innate immunity and viral pathogenesis. We seek an investigator who will build an active, funded research program and will teach effectively at the undergraduate and graduate levels. The successful candidate will be eligible for membership in the Institute for Cellular and Molecular Biology. We will have access to its extensive core facilities, and will have the opportunity to participate in several graduate programs. The position offers excellent start-up funds, salary and laboratory space in a new building that is part of a dynamic, highly interactive research environment.

Please send a single PDF file containing your curriculum vitae, summary of research interests, and names of three references before December 1, 2010 to: mgm_search@biosci.utexas.edu. References should also send their letters directly to the same e-mail address prior to December 1, 2010.

The University of Texas at Austin is an Equal Opportunity Employer.

SCU is committed to learning, scholarship, and engagement with society. All candidates are expected to commit to undergraduate and graduate teaching and to develop an active and externally funded research program. Our location in the heart of Silicon Valley facilitates collaborations with established and emerging companies and with other research institutions.

Interested candidates should submit a letter of application, a detailed CV, a statement of professional interests, and contact information for three references. The application can be submitted electronically to bioengineering@scu.edu (preferred) or by mail to: Chair, Bioengineering Search Committee, College of Engineering, Santa Clara University, 500 El Camino Real, Santa Clara, CA 95053.

Consideration of applications will begin on November 15, 2010, and the position will remain open until filled.

Santa Clara University
Assistant Professor of Bioengineering

The Bioengineering Program at Santa Clara University (SCU) is undergoing a rapid phase of expansion. As part of this growth, the School of Engineering at SCU invites applications for a tenure-track faculty position at the Assistant Professor level. Candidates with a Ph.D. and demonstrated achievement in research and strong interest in teaching in all areas of Bioengineering are encouraged to apply. Particular areas of specialization include, but are not limited to tissue engineering, biomaterials and biomolecular engineering.

SCU is committed to learning, scholarship, and engagement with society. All candidates are expected to commit to undergraduate and graduate teaching and to develop an active and externally funded research program. Our location in the heart of Silicon Valley facilitates collaborations with established and emerging companies and with other research institutions.

Interested candidates should submit a letter of application, a detailed CV, a statement of professional interests, and contact information for three references. The application can be submitted electronically to bioengineering@scu.edu (preferred) or by mail to: Chair, Bioengineering Search Committee, College of Engineering, Santa Clara University, 500 El Camino Real, Santa Clara, CA 95053.

Consideration of applications will begin on November 15, 2010, and the position will remain open until filled.

Santa Clara University is an Equal Opportunity/Affirmative Action Employer, and welcomes applications from women, persons of color, and members of other historically underrepresented U.S. ethnic groups.
The National Human Genome Research Institute (NHGRI), a major research component of the National Institutes of Health (NIH) and the Department of Health and Human Services (DHHS), seeks to identify an outstanding Deputy Director.

The NHGRI Deputy Director will assist the Director in providing overall leadership of the Institute, sharing responsibilities in all phases of leading the preeminent organization dedicated to advancing genomic and genetic research, including its clinical applications. As a member of the NHGRI senior leadership, the Deputy Director will work with the Director in shaping and executing a strategic vision for the Institute as well as communicating that vision to the Institute staff and the broader scientific community. In working closely with the Director, the Deputy Director helps to develop Institute goals, priorities, policies, and program activities; this requires staying abreast of developments and needs of the Institute and the field.

Applicants must have an M.D. and/or Ph.D or equivalent degree in the biomedical sciences, as well as a broad knowledge of the field of human genetics and genomics. They must further have a compelling vision for the future of the field and the role for NHGRI within the field. Also required are senior-level research and/or clinical experience and knowledge of the major scientific areas related to genetics and genomics, in addition to well-honed administrative and interpersonal skills to meet the demands of helping to lead a complex organization. Applicants should have demonstrated leadership in dealing with different stakeholder groups within the research community, planning and assessing programs, developing plans to resolve operational problems and issues, and managing financial and human resources. Applicants should be known and respected within their profession, both nationally and internationally as individuals of outstanding scientific competence.

Salary is competitive and will be commensurate with the candidate’s experience. A full Federal benefit package is available, including retirement, health and life insurance, long-term care insurance, annual and sick leave, and the Thrift Savings Plan (401K equivalent).

Interested applicants should submit a cover letter that includes a brief description of research, clinical, and/or administrative experience, a current curriculum vitae and bibliography, names and contact information of five references, and a brief written vision for becoming the NHGRI Deputy Director. Questions about the position and applications themselves should be sent to Ms. Ellen Rolfes via email at ellenr@exchange.nih.gov. All information provided by the candidates will remain confidential and will not be released outside the NHGRI search process without a signed release from the candidate.

Applications will be reviewed starting November 1, 2010, and will be accepted until the position is filled.

DHS and NIH are Equal Opportunity Employers and encourage applications from women and minorities.

Vacancy Announcement
Tenure Track Position in The Office of the Scientific Director
National Eye Institute (NEI)
National Institutes of Health (NIH)
Department of Health and Human Services (DHHS)

The National Eye Institute (NEI), Office of the Scientific Director, seeks an outstanding clinician-scientist for a tenure-track position to develop an independent translational research program with focus on retinal diseases.

The candidate will examine and treat patients with ophthalmic disease, and conduct clinical trials. NEI has particular interest in clinical research related to neuronal-glial interactions, in retinal diseases and to genetic retinal degenerative diseases.

The candidate must hold an M.D. or M.D./Ph.D. degree from a school in the US or Canada, or an equivalent degree from a foreign medical school. Candidates must be Board-certified by the American Board of Ophthalmology or Board-eligible and are expected to have completed post-residency fellowship training in Medical or Surgical Retina.

Salary is commensurate with research experience and accomplishments. A full Federal package of benefits is available (including retirement, health, life and long term care insurance, Thrift Savings Plan etc.).

This position will remain open until filled. Interested applicants should submit an electronic application including curriculum vitae, a detailed statement of the proposed research, copies of their five most significant publications, and the names of three references to Ms. Mica Gordon at gordonmi@nei.nih.gov

NIH Intramural Research Program is Recruiting “Earl Stadtman Investigators”

We are actively searching for outstanding neuroscientists

The National Institutes of Health is pleased to announce a new call for top-tier tenure-track candidates to become “NIH Earl Stadtman Investigators.” This is an opportunity to explore the limits of your productivity and your independence from preconceived research objectives.

Candidates must have an M.D., Ph.D., D.D.S./D.M.D., D.V.M., D.O., R.N./Ph.D., or equivalent doctoral degree and have an outstanding record of research accomplishments as evidenced by publications in major peer-reviewed journals. Preference will be given to applicants who are in the early stages of their research careers; only non-tenured applicants will be considered. Candidates in any area of basic, translational and clinical neuroscience research are invited to apply. Appointees may be U.S. citizens, resident aliens or non-resident aliens with, or eligible to obtain, a valid employment-authorization visa.

How to apply: Complete applications must be received by October 1, 2010. Interested applicants must submit a curriculum vitae, a three-page research plan, a one-page description of their vision for their future research and its potential impact, and contact information for three professional references through our online application system at http://tenuretrack.nih.gov/apply. Letters of recommendation will be requested automatically when you submit your application. No paper applications will be accepted. More information about the Stadtman Investigator search is at http://tenuretrack.nih.gov.

The NIH is dedicated to building a diverse community in its training and employment programs.
The Joint Research Centre (JRC) provides robust scientific and technical advice to European policy-makers. It comprises seven research institutes located in five European countries. Operating from the Brussels headquarters, you will oversee a staff of 2750 and an operating budget of €340 million per annum, while driving forward research supporting a competitive economy, low carbon solutions, the sustainable management of natural resources, the safety of food and consumer products, nuclear safety and security, security and crisis management, and reference materials and measurements.

To take on this exceptionally high profile position, you must be able to develop and implement far-reaching strategies and promote excellent relationships with influential stakeholders. This will demand an extensive track record in senior management, including direct responsibility for significant teams and budgets. You will have earned scientific reputation in managing a major research institute or similar scientific body, and have a PhD or equivalent experience in a discipline of relevance to the JRC. Naturally, you will be versed in relevant European Union policies, capable of taking strategic decisions and ready to do whatever it takes to build on the JRC’s strong reputation among the scientific and policy communities. Finally, you should be fully fluent in English and familiar with at least one other major European language.

A full job description with the exact eligibility and selection criteria as well as application details can be found in Official Journal C 238 A of 3rd September 2010 or on the EUROPA Website:
http://ec.europa.eu/dgs/human-resources/working_senior_mgt_en.htm

If you want to apply, you must register via the Internet by going to the website:
https://ec.europa.eu/dgs/human-resources/seniormanagementvacancies/

The closing date for registration is 1/10/2010. On-line registration will not be possible after 12.00 noon Brussels time.

http://www.ec.europa.eu
EUROPEAN COMMISSION
Harry S. Truman Research Fellowship
In National Security Science and Engineering

Sandia National Laboratories is one of the country’s largest research facilities, employing nearly 8,500 people at major facilities in Albuquerque, New Mexico and Livermore, California. Please visit our website at www.sandia.gov.

We are searching for outstanding Ph.D. candidates to apply for the Harry S. Truman Research Fellowship in National Security Science and Engineering. This initial one-year appointment may be extended, at management’s discretion, for two additional one-year appointments. The salary is $110,800 per year. This position requires a United States Department of Energy security clearance, which requires United States citizenship.

The Truman Fellowship provides the opportunity for recipients to pursue independent research of their choosing that supports Sandia’s national security mission. Candidates are expected to have solved a major scientific or engineering problem in their thesis work or will have provided a new approach or insight to a major problem, as evidenced by a recognized impact in their field.

Candidates must have a Ph.D. within the past 3 years, or will complete all Ph.D. requirements by commencement of appointment, with a broad-based background and extensive knowledge of research in one or more of the following areas: advanced computing, information systems and mathematics; cyber security; bioscience and technology; combustion, chemical and earth sciences; engineering sciences; geosciences; intelligent systems; materials science and technology; microelectronics and microsystems; nano sciences and technology; nuclear and alternative energy; pulsed power and directed energy; and remote sensing and satellite systems. Candidates must be seeking their first national laboratory appointment (pre postdoc internships excluded), have excellent academic (minimum 3.5 undergraduate and 3.7 graduate GPA preferred) and research qualifications, good communication skills, and enjoy working in a team-oriented, dynamic environment.

For complete application instructions, please visit: http://www.sandia.gov/careers/fellowships.html#truman

Please submit the complete package to: Roberta Rivera, Sandia National Laboratories, P.O. Box 5800, MS 1497, Albuquerque, New Mexico 87185-1497, or email rjriver@sandia.gov, or fax 505-284-5950. Please reference: Job #635052. All materials must be received by December 5, 2010.


The University of Washington announces The Sackler Scholars Program in Integrative Biophysics, a new postdoctoral program in interdisciplinary biophysics research. This program will support outstanding young scientists conducting research at the intersection of medicine, biology and the physical sciences. The interface between physical and biological sciences is rapidly opening new frontiers in biomedical research. To advance this fertile research area in a highly effective manner, we have launched the inter-departmental Sackler Scholars Program. Laboratories across the entire University of Washington—the School of Medicine, the College of Engineering and the College of Arts and Sciences — are participating in this new initiative. The Sackler Scholars Program enables the brightest young scientists to combine the experimental and computational expertise of multiple laboratories to promote progress in biophysics research.

For more information about this exciting new program and the application process, go to our website: http://depts.washington.edu/pbiopage/sackler/index.php

The UW Sackler Scholars Program in Integrative Biophysics is made possible by a generous gift from the Raymond and Beverly Sackler Foundation.

The University of Washington is building a culturally diverse community and strongly encourages applications from women, minorities, individuals with disabilities and covered veterans.

The University of Washington is an Equal Opportunity, Affirmative Action Employer.
The Department of Molecular Biology at York College of Pennsylvania is accepting applications for a two-tenure-track faculty position in Molecular Biology. The Department of Biological Sciences at York College of Pennsylvania is seeking candidates for a tenure-track position in tumor immunology and the potential to develop a competitive independent research program. The ideal candidate would complement the existing areas of research and participate in collaborative efforts with basic and clinical scientists.

Candidates will be expected to establish and maintain a strong extramurally funded research program and participate in teaching and graduate studies. Successful candidates are expected to pursue collaborations with basic and clinical scientists.

Candiates will have the opportunity to develop an internationally recognized program in a rapidly expanding field. The successful candidate will have an established record of accomplishment in research, teaching, and service. The successful candidate will have an established record of accomplishment in research, teaching, and service.

Candidates should send curriculum vitae, a brief statement of research goals, and three letters of recommendation to: Paul Garris, Neuroscience Search Committee, Department of Biological Sciences, York College of Pennsylvania, 441 Country Club Road, York, PA 17403. Review of applications will begin October 22, 2010, and continue until the position is filled.
GWEN KNAPP CENTER FOR LUPUS & IMMUNOLOGY RESEARCH and
THE SECTION OF RHEUMATOLOGY present

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Steve Clarke, University of North Carolina
Keith Elkon, University of Washington
Loren Erikson, University of Virginia
Haochu Huang, University of Chicago
Greg Lemke, Salk Institute
Cliff Lowell, University of California, San Francisco
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    School of Medicine
Laurence Morel, University of Florida
Sylviane Muller, CNRS, Strasbourg
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Takeshi Tsubata, Tokyo Medical and Dental Center
PJ Utz, Stanford University
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Organizing Committee: Marko Radic, Mark Shlomchik, Tammy Utset, and Martin Weigert
For more information, please visit: http://knappcenter.uchicago.edu or email Angela Hayes ahayes@bsd.uchicago.edu

Autoantibody binding to neutrophil extracellular traps
Image courtesy of Dwivedi and Radic, UTHSC
Positions Open

DIRECTOR POSITION

Description for the Institute for Advanced Cyber-Enabled Research at Michigan State University

Michigan State University (MSU) seeks a Director of the newly formed MSU Institute for Cyber-Enabled Research (iCER). Computational sciences and their underlying mathematical theories have become core methodologies in all areas of modern science. iCER aims at capitalizing on significant algorithmic advances and developing parallel and distributed computer architectures to employ large-scale computational approaches as a predictive research tool in a wide range of scientific disciplines. Candidates will be entertained in any discipline at Michigan State University included in the Colleges of Engineering, Natural Science, and Social Science. Additional information can be found on the iCER website: http://www.icer.msu.edu.

The successful candidate will be an internationally prominent, highly visible scholar who will lead and develop the computational science efforts at MSU. The Director will report directly to the Vice President for Research and Graduate Studies. The Director will be empowered to build a high-profile research program in high-performance computing and/or computational science with an academic home in one or more departments. MSU is committed to further faculty hires in high-performance computing and computational science and acknowledges that the Director will play a leadership role in attracting high quality faculty, which will interact with the current affiliated faculty, and will spearhead the development of large interdisciplinary programs to obtain major high-impact research grants. The iCER facility is located in newly renovated space on campus. There is support available for an associate director to manage day-to-day operations, a faculty scholars program, post-doctoral and visiting scholars, graduate students, and provisions for educational resources (courses, workshops, and seminars), and for training in the use of computational hardware and software. Facilities and resources associated with iCER include MSU’s high-performance computing center (HPCC) that is on a continual upgrade path to make sure that MSU remains competitive as a University scale computing facility. Application materials including curriculum vitae, research statement, and a list of four references should be submitted to the iCER search committee at e-mail: vpger@msu.edu. Consideration of applications will commence September 1, 2010, and continue through November 30, 2010, or until the position is filled.

MSU is an Affirmative Action/Equal Opportunity Employer. MSU is committed to achieving excellence through cultural diversity. The University actively encourages applications and/or nominations of women, persons of color, veterans, and persons with disabilities.

Positions Open

ASSISTANT PROFESSOR in Pharmacology

The Department of Basic Pharmaceutical Sciences in the School of Pharmacy at The University of Louisiana at Monroe (ULM) invites applications for a twelve-month tenure-track faculty position of Assistant Professor. This position includes an attractive recruitment package of salary, startup, and laboratory space. Candidates should have an earned doctorate in physiology or pharmacology and postdoctoral research experience, preferably in the areas of cancer biology, metabolic biology, or neuroscience. The successful candidate is expected to develop an independent, externally funded research program, and contribute to teaching professional and graduate courses in the areas of physiology and pharmacology. Located in Monroe, a city whose metropolitan area population exceeds 100,000, the ULM campus offers a tranquil and cordial setting encompassing 238 acres, over 50 buildings, and an off-campus farm. Candidate screening will begin December 15, 2011, and candidate interviews will start soon afterwards and continue until the position is filled. Qualified individuals should submit their curriculum vitae, list of three references, and a statement of current interests and future goals emphasizing how their interests might complement the strengths of the Department to: Dr. Paul W. Sylvester, Pharmaceutical Search Committee, College of Pharmacy, University of Louisiana at Monroe, 700 University Avenue, Monroe, LA 71209-0470. Email: sylvester@ulm.edu. The University of Louisiana at Monroe is an Equal Opportunity/Affirmative Action Employer.

Faculty Position

in Molecular, Cellular, and Developmental Biology

University of Colorado at Boulder

The Department of Molecular, Cellular, and Developmental Biology invites applications for a tenure-track ASSISTANT PROFESSOR in the area of molecular, cellular, or developmental biology with an emphasis on basic molecular biological problems. Applicants must have a Ph.D., M.D., or equivalent in addition to post-doctoral research experience. The candidate is expected to develop a vigorous and innovative research program, and have enthusiasm for teaching at the undergraduate and graduate levels.

Review of applications will begin on November 1, 2010 and continue until the position is filled. Application materials are accepted electronically at website: https://www.jobsatcu.com, posting number 810875. Applicants should submit a curriculum vitae and a concise statement of research and teaching interests, and arrange to have three reference letters sent.

For questions or concerns on submitting your materials electronically, please contact e-mail: mcdbsearch@colorado.edu.

See website: http://www.colorado.edu/artsSciences/Jobs/ for full job description. The University of Colorado at Boulder is committed to diversity and equality in education and employment.

Positions Open

ASSISTANT PROFESSOR in GENETICS

Hendrix College

The Biology Department invites applications for a tenure-track position at the rank of Assistant Professor in genetics beginning in the fall of 2011. Geneticians of all specialties are encouraged to apply, especially those with interest in microbial genetics and/or bioinformatics. The college seeks to extend its tradition of excellence in teaching and scholarship by attracting faculty who combine mastery of their disciplines with broad intellectual interests and commitment to the aims of a liberal arts college. Development of an externally funded research program involving undergraduate students is expected and supported through appropriate course release. A doctorate or ABP at the time of appointment is required. Postdoctoral experience is welcomed but not required.

Applications should include a letter addressing the candidate’s interest in teaching in a demanding but supportive liberal arts environment, curriculum vitae, teaching and research philosophy statements, three letters of recommendation (including the telephone numbers and e-mail addresses of the references), and graduate and undergraduate transcripts. Application materials should be sent to: Dr. Matthew Moran, Chair, Department of Biology, Hendrix College, 1600 Washington Avenue, Conway, AR 72032. Review of materials will begin on October 15 and continue until the position is filled.

Hendrix College is a Phi Beta Kappa, Carnegie Bac- calauriate institution, with an endowment of $145 million located in Conway, Arkansas, thirty miles from Little Rock. The College, affiliated with the United Meth- odist Church, has a strong commitment to excellence in teaching liberal arts. Hendrix is an Equal Opportunity Employer. Women and members of minority groups are especially encouraged to apply. Please visit our website: http://www.hendrix.edu.

Non-Tenured Research Assistant Professor, Research Associate, Senior Postdoctoral Fellow

Department of Environmental and Occupational Health

Graduate School Public Health

University of Pittsburgh

Several positions are available in the laboratory of Dr. Valerian E. Kagan (Center for Free Radical and Antioxidant Biochemistry, Department of Environmental and Occupational Health, University of Pittsburgh). Candidates with interests in research on: (1) mass spectrometry/oxidative lipidomics/metalomics, (2) macromolecular and oxidative-nucleic acidomics, (3) lipid signaling in aging/aging, pathocytosis, (4) lipidomics of immune cells in cancer, or (5) mechanisms of nanoparticles interactions with cells in vitro and in vivo—are invited to apply. Participation in ongoing collaborations with laboratories in Sweden, Ireland, and Russia are possible. Candidates should have Ph.D. or M.D. background in analytical biochemistry/chemistry, molecular/cell biology, redox biochemistry/biophysics or related fields. Experience with mass spec- trometry of lipids and other small molecules, analytical chemistry/biochemistry as well as live cell (fluorescence) microscopy, immunoblotting, immunocytochemistry, and DNA transfection are desirable. Interested appli- cants should send curriculum vitae and names of three references to: Dr. Valerian E. Kagan, e-mail: kagan@pitt.edu. University of Pittsburgh is an Equal Opportunity Employer.