**POSITIONS OPEN**

**DEVELOPMENTAL CELL BIOLOGY & MARINE BIOLOGY**
Department of Biological Sciences
Humboldt State University

Humboldt State University’s (HSU) Department of Biological Sciences invites applications for two **TENURE-TRACK FACULTY POSITIONS** in Developmental Cell Biology and Marine Biology starting August 2014. Candidates should be committed to teaching excellence and to building a strong research program with undergraduate and graduate students.

**Marine Biology (Job #7586):** Expertise in Ecology and field studies focused on Marine Biology with strong quantitative skills. Instructional assignments may include: Marine Biology, Intertidal Ecology, Invertebrate Zoology or a course in the candidate’s area of expertise.

**Developmental Cell Biology (Job #7587):** Expertise in Developmental Biology/Cell Biology ideally with skills in Stem Cell Biology or Developmental Immunology. Instructional assignments may include: Developmental Biology, Cell Biology, Genetics, Genetics Lab, Stem Cell Biology, Cell Biology or a course in candidate’s area of expertise. For more info, please visit website: [http://apptrkr.com/388508](http://apptrkr.com/388508). First review of applications is November 1, 2013 for #7587 Developmental Cell Biology position and December 2, 2013 for #7586 Marine Biology position. Positions are open until filled.

HSU is an Equal Opportunity/Title IX/ADA Employer.

**COMPUTATIONAL BIOLOGIST**

The Biochemistry and Molecular Biology (BCMB) program at the College of Wooster seeks to fill a tenure-track position, starting in August 2014. Primary responsibilities will be to develop a computational biology course, contribute to introductory and intermediate courses in the BCMB major, participate in the College’s First-Year interdisciplinary program, and mentor undergraduates in our nationally recognized senior research program. Research expertise in any area of computational biology (biomodeling, genomics, neuroscience, pharmacology, etc.) is appropriate. Ph.D. required; postdoctoral research and/or teaching experience preferred. Send curriculum vitae, undergraduate and graduate transcripts, statement of teaching philosophy, description of research program, and three letters of reference to e-mail: banyster@wooster.edu. Address questions regarding the position to William Morgan (e-mail: wmorgan@wooster.edu), Chair of BCMB. Review of applications will begin October 1, 2013 and continue until the position is filled. Wooster seeks to ensure diversity by its policy of employing persons without regard to age, sex, color, race, creed, religion, national origin, disability, veteran status, sexual orientation, or political affiliation. The College of Wooster is an Equal Opportunity/Affirmative Action Employer.

**POSTDOCTORAL POSITION**

Postdoctoral position is available to work on aspects of lipid metabolism in relation to diabetes and atherosclerosis. Candidate should have strong background in molecular biological and lipid analytical skills. Familiarity with mitochondrial techniques and or mass spectrometry or organic synthesis would be a plus. To apply, submit curriculum vitae, a brief statement of your qualifications, research interest and future career plans as well as names and contact information of three references to e-mail: sparta@ucf.edu.

University of Central Florida is an Equal Opportunity/Affirmative Action Employer and encourages applicants from minorities, women, and other underrepresented groups. Search materials are available for public review as provided by Florida statute.

**ASSISTANT PROFESSOR of Biology (Wildlife Ecology)**

The Biology Department at Missouri State University anticipates an August 2014 opening for a tenure-track Assistant Professor in Wildlife Ecology. Requirements include a Ph.D. in wildlife biology or related area with knowledge of disease ecology or epidemiology, peer-reviewed publications in wildlife ecology, and excellent communication skills. Duties include teaching courses in wildlife management, mammalogy or ornithology, and specialty; graduate and undergraduate advisement; and externally funded research. A letter of application (including a commitment to working with diverse student populations), curriculum vitae, names and contact information for three references, a statement of teaching experience and interests, and copies of all university transcripts should be submitted online at website: [https://jobs.missouristate.edu](https://jobs.missouristate.edu). Employment will require a criminal background check at University expense. Application review begins on 6 November 2013 and continues until position is filled. Starting date is 11 August 2014. Direct queries to e-mail: brian.greene@missouristate.edu. Equal Opportunity/Affirmative Action.

More scientists agree — we are the most useful website. [www.ScienceCareers.org](http://www.ScienceCareers.org)
THE FACULTY OF BIOLOGY AND MEDICINE OF THE UNIVERSITY OF LAUSANNE (UNIL), SWITZERLAND, AND THE LUDWIG CENTRE AT UNIL INVITE APPLICATIONS FOR THE POSITION OF

ASSISTANT PROFESSOR
TENURE TRACK TOWARDS ASSOCIATE PROFESSOR IN SYSTEMS IMMUNOLOGY PROTEOMICS AND BIOINFORMATICS

The Ludwig Centre (http://www.unil.ch/licr) and the Department of Oncology at UNIL, together with the Federal Institute of Technology of Lausanne (EPFL), have selected Immune Engineering as an area of high priority for cancer research. The three institutions are jointly building a world-class environment in tumor immunology and immune engineering, as part of the new Swiss Cancer Centre.

We are seeking outstanding candidates with strong experience in bioinformatics, molecular modelling, integrative biostatistics of proteomics and genomics, and systems immunology. The successful candidate will use this knowledge to apply mass spectrometry and genomics approaches to identify and quantify MHC-associated peptides expressed by tumors, with the ultimate goal to develop fundamental knowledge in tumor antigen processing and presentation and in molecular systems immunology, as well as to support a clinical programme of personalized cancer vaccines. The candidate will benefit from a generous start-up package, a particularly rich research and translational clinical environment in cancer and immunology, a dual appointment at the Swiss Institute for Bioinformatics (SIB), and an array of state-of-the-art core facilities and laboratories within the Ludwig Cancer Centre and EPFL. Strong candidates with an interest in developing immune therapeutics based on genomic and proteomic data sets will be given the highest priority.

We envision the following profile for the successful candidate:

- PhD degree in bioinformatics and systems immunology.
- An outstanding research track record and ability to write competitive grant applications.
- A strong interest and strong expertise in, but not limited to, the immunopeptidome, integrating mass-spectrometry and MHC-associated peptide data to develop personalized vaccines against cancer.
- The drive to develop a highly successful and competitive independent research programme.
- Engagement in collaborations with translational research groups and clinicians in the multidisciplinary immunotherapy programme of the Cancer Centre as well as labs, groups and cores at UNIL, SIB and EPFL.

The job description is available on the Web at the address http://www.unil.ch/fbm/page64812.html. Further information may be obtained from Prof. Mermod (Nicolas.Mermod@unil.ch), chairman of the search committee.

The applications, in English, will include the curriculum vitae, the list of publications with a copy of the five most significant ones, a brief statement of the research programme and teaching experience, as well as three references (names and contact information). They should be submitted by December 31st, 2013 as a single pdf file to www.unil.ch/iafbm/application.
Executive Director, INCF

The International Neuroinformatics Coordinating Facility (INCF), together with its 17 member countries, coordinates collaborative informatics infrastructure for neuroscience data integration and manages scientific programs to develop standards for data sharing, analysis, modeling and simulation in order to catalyze insights into brain function in health and disease.

INCF is seeking a new Executive Director to lead the organization in an exciting phase of development. The Executive Director will manage the INCF Secretariat staff of 15 persons, and develop and manage key administrative and business supporting structures and functions of the INCF Secretariat, located at Karolinska Institutet, Stockholm. The Executive Director will also work closely with the Scientific Director to develop and implement INCF strategic plans.

The successful candidate will have a strong background in management, administration and relevant scientific expertise (neuroscience or related areas) and be capable of developing and taking forward the INCF vision of global collaborative neuroscience. Outstanding organizational and interpersonal skills are required. The position is full-time. INCF receives commitments from participating countries on 5-year renewable terms. The next term is to be initiated in 2016. The salary level is subject to negotiation.

Applications should contain a CV, a list of publications and a statement of why the candidate feels she/he is interested in this position.

Apply here: http://infc.org/about/positions-available

Karolinska Institutet seeks

Professor to Aging Research Center (ARC)

ARC is looking for a Professor in cognitive neuroscience with special focus on aging.

Read more about the job at www.ki.se/job
Please submit your application no later than October 22, 2013.

Department of Medical Microbiology
Immunology, and Cell Biology (MMICB)
2 Tenure-track faculty positions

Southern Illinois University's School of Medicine at Springfield invites applications for two tenured-track faculty positions to join an interactive research environment within the MMICB Department (www.siumed.edu/mmicb). The Department has active research programs in virology, reproductive immunology, developmental genetics, host responses to infection, tumor immunology, and cancer biology with excellent records of extramural funding. The Department is part of an integrated Molecular Biology, Microbiology and Biochemistry Graduate Program hosting ~32 MS/PhD students, and occupies new and renovated laboratory space with access to a CDC-certified BSL3 laboratory.

We seek energetic, collaborative scientists committed to teaching and research to bring novel expertise to the institution. Appointments are State-supported with competitive salary and startup packages. Successful applicants are expected to establish and maintain independent, externally funded research programs and contribute to both medical and graduate education. Excellent written and verbal communication skills are required. Assistant Professor-level applicants will be given preference, but more senior investigators will be considered. Eligible candidates must possess Ph.D. and/or M.D. degrees, and 3+ years of postdoctoral training with a strong publication record in the following areas: 1) molecular and cellular aspects of immune system function and regulation; 2) molecular and cellular mechanisms of infectious disease and/or host-pathogen interactions.

For more information, and to complete the online application visit: www.siumed.edu/jobs

Dr. Donald S. Torry, Chair, MMICB Search Committee, c/o: tcasson@siumed.edu, P.O. Box 19626, Springfield, IL, 62794-9626

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

The Southern Illinois University School of Medicine is an equal opportunity, affirmative action employer. Background investigation required.
Bioengineering Faculty Positions in Immunoengineering
at Ecole polytechnique fédérale de Lausanne (EPFL)

The Institute of Bioengineering at EPFL is soliciting applications for tenure-track assistant professors in the broad area of immunoengineering, an emerging field at the interface of immunology and bioengineering. Appointments at other ranks will be exceptionally considered as well.

Bioengineering at EPFL is well integrated between the School of Engineering and the School of Life Sciences. Close interactions with the new Wyss Center for Bio- and Neuro-Engineering, University of Lausanne, the Canton of Vaud University Hospital (CHUV), and the Ludwig Institute for Cancer Research are possible, and encouraged.

The open faculty position is offered in a rich environment for both basic and translational science, of both theoretical and experimental research. The search is open in terms of research area within the broad domain of immunoengineering, including (but not limited to) systems and computational immunology, microfluidic and high-throughput technology, systems physiology, cell and tissue engineering, and materials and biomolecular engineering in vaccines and immunotherapeutics.

The EPFL is a dynamic science and engineering university fostering excellence and diversity. It is consistently ranked among the top research institutions in Europe, and offers a rich international environment with English as the common language. Research is supported by numerous outstanding core facilities including imaging, proteomics, bioinformatics, transgenomics, flow cytometry, microfabrication, and electron microscopy.

Successful candidates are expected to initiate independent, creative research programs and participate in undergraduate and graduate-level teaching. Internationally competitive salaries, start-up resources and benefits are offered.

Applications should include a curriculum vitae with a list of publications, a concise statement of research and teaching interests, and the names and addresses (including e-mail) of at least five referees. Applications should be uploaded (as PDF files) to the recruitment web site: http://immunoeng-search.epfl.ch

Formal evaluation of candidates will begin on 30 November 2013 and continue until the position is filled.

Enquiries may be sent to:
Prof. Melody A. Swartz
Search Committee Chair
e-mail: immunoeng-search@epfl.ch

For additional information on the EPFL and the Institute of Bioengineering, please consult: www.epfl.ch, siti.epfl.ch, sv.epfl.ch and bioengineering.epfl.ch.

EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.

Positions in Molecular or Biophysical Neuroscience
Department of Biochemistry
School of Molecular and Cellular Biology
University of Illinois at Urbana-Champaign

The School of Molecular and Cellular Biology (http://mcb.illinois.edu/) at the University of Illinois at Urbana-Champaign seeks outstanding applicants for two tenure-track Assistant Professor positions in the Department of Biochemistry in the area of Molecular and Biophysical Neuroscience.

We are interested in candidates conducting mechanistic research in any area of molecular neuroscience, including, but not limited to: biochemical or biophysical studies of neurotransmitter receptors and other membrane channels, transporters or receptors; axonal transport and protein trafficking/synaptic vesicle biology; biochemical studies of neurodegenerative diseases; molecular basis of memory; role of oxidative stress in neuronal function/dysfunction; and the biochemical basis for transcription, translation, RNA splicing, and/or epigenetic mechanisms in neural development.

Candidates must hold a Ph.D., M.D. or equivalent degree, have a strong track record of creativity and productivity, and strong potential for future independent research. The target starting date is August 16, 2014. Successful candidates will be located in the Department of Biochemistry and will be expected to conduct independent research, participate in our B.S. and Ph.D. programs, and teach effectively at the undergraduate and graduate levels. These positions offer excellent laboratory facilities, relocation and start-up funds, as well opportunities to work with outstanding graduate students. Our faculty strengths in membrane biophysics, structural biology, and gene regulation offer a strong infrastructure and provide opportunities for collaborative research.

The Urbana-Champaign campus offers state-of-the-art research facilities and programs that include the Beckman Institute, Institute of Genomic Biology, Roy J. Carver Biotechnology Center, Abbott/UIUC Center for Nutrition, Learning and Memory, and multiple student training grants, as well as facilities for NMR spectroscopy, X-ray crystallography, proteomics, metabolomics, high-throughput screening, flow cytometry, imaging (including fMRJ), and transgenic mice. UIUC is a member of the Life Sciences Collaborative Access Team at Argonne National Lab, which provides routine access to synchrotron facilities for X-ray data collection. The campus has strong cross-departmental graduate programs in neuroscience, biophysics and quantitative biology and chemical biology, as well as superb computational resources at the National Center for Supercomputing Applications and the NIH Resource for Macromolecular Modeling and Bioinformatics.

Urbana-Champaign offers the residential advantages of a medium-sized university city, excellent cultural opportunities, and a high quality of life. In 2010, the University of Illinois at Urbana-Champaign received top rankings by Harvard University’s Collaborative on Academic Careers in Higher Education for its pre-tenure practices in balancing work and home (http://www.insidehighered.com/news/2010/11/15/coache).

To ensure full consideration, create your candidate profile through https://jobs.illinois.edu and upload your application cover letter, curriculum vitae, concise summary of past research accomplishments, statement of future research plans and contact information for three professional references by December 15, 2013. References will be contacted electronically upon submission of the application. Although early applications are appreciated and interviews may be conducted before the closing date, hiring decisions will not be made until after the closing date. Questions can be addressed to the School of Molecular and Cellular Biology, 217-333-3166.

Illinois is an Affirmative Action/Equal Opportunity Employer and actively seeks individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (www.inclusiveillinois.illinois.edu).
Assistant Professor
Department of Cell Biology and Anatomy

The Department of Cell Biology and Anatomy of The Chicago Medical School, Rosalind Franklin University of Medicine and Science, invites applications for a tenure-track Assistant Professor faculty position. The successful applicant is expected to establish a strong, extramurally funded research program, and to contribute to medical and graduate teaching. Candidates are particularly encouraged who are applying cellular and molecular approaches to the study of fundamental mechanisms of human disease. Clinical populations and physician collaborators are available through affiliations with Advocate Lutheran General Hospital and the Lovell Federal Health Care Center (a veterans administration hospital), and other sites in the Chicago area. Available core resources include confocal, live-cell and electron microscopy facilities, as well as structural biology and proteomics centers. Current areas of research in the Department include the neurobiology of learning and memory, computational and experimental approaches with molecular genetics are encouraged to apply. To apply, go to http://employment.unl.edu. Search for requisition #F_130180. Click on “Apply to this job.” Complete the application and attach a letter of interest, curriculum vitae, and a 2-3 page description of research and extension interests/activities (other). In addition, arrange to have 3 letters of recommendation sent to: Search Committee Chair, Department of Plant Pathology, Rm. 406 Plant Science Hall, University of Nebraska-Lincoln, Lincoln, NE 68583-0722. Review of applications will commence on November 4, 2013 and will continue until the position is filled or the search is closed. Salary will be commensurate with qualifications and experience. Contact Dr. James Steadman at 402-472-2858 or jsteadman1@unl.edu with any questions.

The University of Nebraska is committed to a pluralistic campus community through Affirmative Action, Equal Opportunity, work-life balance, and dual careers.

Assistant Professor
Cropping Systems Disease Management Specialist

The Department of Plant Pathology at the University of Nebraska-Lincoln invites applications for a 12-month tenure-track faculty position at the Assistant Professor level. This position is 60% research and 40% extension and is located at the West Central Research and Extension Center in North Platte, Nebraska. Tenure home will be the Department of Plant Pathology. We are seeking candidates interested in research establishing an integrated research/extension program emphasizing fungal pathogens on multiple field crops, e.g. corn, soybean, wheat and grasses. There is an expectation to work with soilborne fungal pathogens and address root and above ground plant health in cropping systems, and disease management in limited water use cropping systems. Responsibilities include serving as a member of an interactive extension plant pathology team and working with an interdisciplinary cropping systems team in the west central region and across Nebraska. The candidate will work with other faculty to develop grant proposals and publish research and extension results. The candidate will be expected to obtain grant funds to maintain active programs in research and extension.

A Ph.D. in plant pathology or closely related field is required as well as a demonstrated research record consisting of publications in peer-reviewed journals, the ability to attract grant funds, and good verbal and written communication skills. Relevant postdoctoral experience and extension experience is preferred. To apply, go to http://employment.unl.edu. Search for requisition #F_130180. Click on “Apply to this job.” Complete the application and attach a letter of interest, curriculum vitae, and a 2-3 page description of research and extension interests/activities (other). In addition, arrange to have 3 letters of recommendation sent to: Search Committee Chair, Department of Plant Pathology, Rm. 406 Plant Science Hall, University of Nebraska-Lincoln, Lincoln, NE 68583-0722. Review of applications will commence on November 4, 2013 and will continue until the position is filled or the search is closed. Salary will be commensurate with qualifications and experience. Contact Dr. James Steadman at 402-472-2858 or jsteadman1@unl.edu with any questions.

The University of Nebraska is committed to a pluralistic campus community through Affirmative Action, Equal Opportunity, work-life balance, and dual careers.
The School of Molecular and Cellular Biology (http://mcb.illinois.edu/) and the Department at Cell and Developmental Biology at the University of Illinois at Urbana-Champaign seeks outstanding candidates for a full-time tenure track Assistant Professor position in any area of Developmental, Regeneration, or Stem Cell Biology.

Candidates must have a Ph.D., M.D., or equivalent degree, a strong track record during their graduate and postdoctoral career, and a compelling vision for their future, independent research direction. The target starting date is August 16, 2014. The successful candidate will be located in the Department of Cell and Developmental Biology and will be expected to conduct independent research, perform academic duties associated with our BS and PhD programs, and have the ability to teach effectively at both undergraduate and graduate levels. Salary is competitive and commensurate with experience. This position offers excellent laboratory facilities, relocation start-up funds, and the opportunity to work with outstanding colleagues and graduate students.

The Urbana-Champaign campus offers a wide range of state-of-the-art research support facilities that include the Roy J. Carver Biotechnology Center, the W. M. Keck Center for Comparative and Functional Genomics, as well as facilities for proteomics, metabolomics, high-throughput screening, immunology, flow cytometry, microscopy, and transgenic mice. The campus has strong programs in biophysics, bioengineering, biological physics, and chemical biology, and superb computational resources are available at the National Center for Supercomputing Applications and the NIH Resource for Macromolecular Modeling and Bioinformatics.

Urbana-Champaign offers the residential advantages of a medium-sized university city, excellent cultural opportunities, and a high quality of life. In 2010, the University of Illinois at Urbana-Champaign received top rankings by Harvard University’s Collaborative on Academic Careers in Higher Education for its pre-tenure practices in balancing work and home. (http://www.insidehighered.com/news/2010/11/15/coache)

To ensure full consideration, create your candidate profile through https://jobs.illinois.edu and submit your application cover letter, curriculum vitae, a concise summary of past research accomplishments, a statement of future research plans and contact information for three professional references by December 15, 2013. Referees will be contacted electronically upon the submission of the application. Although early applications are appreciated and interviews may be conducted before the closing date, no hire will be made until after the closing date.

Questions can be addressed to the School of Molecular and Cellular Biology, 217-333-3166.

Illinois is an Affirmative Action/Equal Opportunity Employer and welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity. (www.inclusiveillinois.illinois.edu).
**Biology Full-Time Tenure Track Faculty Position in Parasitology**

The Boston College Biology Department seeks outstanding candidates for a tenure-track faculty position at the level of **ASSISTANT PROFESSOR** or **ASSOCIATE PROFESSOR**. Boston College provides competitive start-up funds and research space, with the expectation that the successful candidate will establish, or bring to the university, a vigorous, externally-funded research program. The successful applicant will have access to well-equipped animal facilities, core laboratories with state of the art instrumentation for fluorescence microscopy and flow cytometry, and substantial computational resources.

We seek someone with a research program in parasitology, ideally with an emphasis on immunology or systems biology. Special consideration will be given to candidates whose research program meshes with current faculty interests: see [http://www.bc.edu/biology](http://www.bc.edu/biology) for profiles of current faculty research programs. In addition, the successful candidate will be expected to train graduate students and participate in the undergraduate teaching mission of the Biology Department. This appointment will begin on or after July 1, 2014.

Applications should submit their cover letter, curriculum vitae, a statement of present and future research plans, and arrange to have three letters of reference submitted separately. All application materials can be submitted through Interfolio at: [http://apply.interfolio.com/22634](http://apply.interfolio.com/22634). Applications received before **October 1, 2013** will be given full consideration, but review of applications will continue until the position is filled.

Boston College is an **Affirmative Action/Equal Opportunity Employer**. To learn more about how BC supports diversity and inclusion throughout the university please visit the Office for Institutional Diversity at [http://www.bc.edu/offices/diversity](http://www.bc.edu/offices/diversity).

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**Department of Biology University of Nevada, Reno Neurobiology Faculty Position**

The Department of Biology seeks at least one **NEUROBIOLOGIST** at the assistant professor level, tenure-track. We seek candidates in the broad area of neuroscience, with particular interests in integrative approaches, from cellular levels to plasticity, neural systems, neurophysiology, genetics and behavior. Competitive startup funds include support from funded NIH INBRE and COBRE career development grants, and excellent facilities. Our faculty members maintain nationally recognized, extramurally funded research programs, train PhD students, and participate in undergraduate teaching. The Department of Biology is home to 26 faculty members that teach biology and neuroscience courses, mentor 50 graduate students, with an average of $4 million/yr in extramural awards. Faculty members in the Department of Biology have close ties to the University of Nevada School of Medicine and over $60 million of NIH funds have recently been targeted for biomedical research development on campus. Reno is located in the Sierra Nevada mountains near Lake Tahoe, and was recently rated one of the best small cities in the US for outdoor recreation and overall quality of life.

Go to [http://jobs.unr.edu](http://jobs.unr.edu) to submit application materials, including an application letter, CV, research plans, teaching interests, and contact information for three references. Applications received by **October 16, 2013** will receive full consideration.

**Equal Employment Opportunity/Affirmative Action. Women and underrepresented groups are encouraged to apply.**

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**Senior Research Fellow in Neuroscience**

A position as Senior Researcher/Associate Professor in Neuroscience is open for application at The Strategic Research Program in Neuroscience at Karolinska Institutet (StratNeuro) in Stockholm, Sweden. The position is secured financially for five years, and is aimed to recruit and support an excellent researcher who has passed the level of Assistant Professor.

**Duties**

The successful candidate should have a strong track record in basic or clinical neuroscience within the theme of the program, i.e., “Cognitive and Motor Functions in Health and Disease during the Lifespan”. The candidate is expected to have an independent line of research and to have a plan how this can be further developed within the StratNeuro program. The program has a special interest to support researchers who can bridge the gap between basic and clinical neuroscience.

**Entry requirements**

Experience of a multidisciplinary approach to study the nervous system is a merit, as well as student supervision.

**Bases of assessment**

In the assessment of the applicant’s qualifications, the following criteria will be used: (1) scientific competence; (2) international experience and collaborative skills; (3) teaching and supervision of graduate and postgraduate levels.

**Last application date:** 2013-11-01

**Link to ad:** [ki.se/jobs](http://ki.se/jobs)

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**Diagnosis Program**

The Division of Pediatric Hematology/Oncology at the Penn State Hershey Children’s Hospital is recruiting a director for the newly established Pediatric Molecular Oncology Program. This Program is supported by a $20 M endowment from the Four Diamonds Fund of the PSU College of Medicine, part of a $50 M endowment supporting the Four Diamonds Pediatric Cancer Research Program. The mission of the Pediatric Molecular Oncology Program is to understand tumor development at a molecular level and to develop genetic and proteomics analysis of pediatric cancers to individualize selection of therapy. This will include support for basic and translational research studies and/or clinical trials. Rank is at the Associate to Full Professor level commensurate with the applicant’s experience and accomplishments. Successful applicants will have an M.D./Ph.D., Ph.D., or M.D. degree with an established track record in cancer research and demonstrated ability to obtain extramural funding (R01-type award). The Division of Pediatric Hematology/Oncology has 11 full-time Pediatric Hematologists/Oncologists and 6 Ph.D. faculty. Over 100 new oncology patients are seen annually, and there are programs in pediatric stem cell transplantation, neuro-oncology, survivorship, hemophilia, and sickle cell disease. The division has an accredited Pediatric Heme/Onc fellowship program and is an active member of COG and POETIC. The Four Diamonds Pediatric Cancer Research Program includes NIH-funded basic science and translational research in transcriptional and epigenetic changes in leukemia and solid tumors. Research is supported by the Penn State Cancer Institute, the Penn State Hershey Institute for Personalized Medicine, an NIH-funded CTSA, and Pediatric Clinical Trials Office. Basic core, translational, and clinical facilities provide an excellent environment for research. Please submit a current CV and letter of interest to: Barbara Miller, M.D. (bmmiller3@psu.edu), Chief, Division of Pediatric Hematology/Oncology, Penn State Children’s Hospital, the Pennsylvania State University College of Medicine, Box 850, MC H085, Hershey, Pennsylvania 17033. Applications are accepted until position filled.

Penn State Milton S. Hershey Medical Center and the College of Medicine are Equal Opportunity/Affirmative Action Employers and encourage applications from women and members of minority groups.

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**Diagnosis Program**

Barbara Miller, M.D.

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**Department of Biology**

University of Nevada, Reno

Neurobiology Faculty Position

The Department of Biology seeks at least one **NEUROBIOLOGIST** at the assistant professor level, tenure-track. We seek candidates in the broad area of neuroscience, with particular interests in integrative approaches, from cellular levels to plasticity, neural systems, neurophysiology, genetics and behavior. Competitive startup funds include support from funded NIH INBRE and COBRE career development grants, and excellent facilities. Our faculty members maintain nationally recognized, extramurally funded research programs, train PhD students, and participate in undergraduate teaching. The Department of Biology is home to 26 faculty members that teach biology and neuroscience courses, mentor 50 graduate students, with an average of $4 million/yr in extramural awards. Faculty members in the Department of Biology have close ties to the University of Nevada School of Medicine and over $60 million of NIH funds have recently been targeted for biomedical research development on campus. Reno is located in the Sierra Nevada mountains near Lake Tahoe, and was recently rated one of the best small cities in the US for outdoor recreation and overall quality of life.

Go to [http://jobs.unr.edu](http://jobs.unr.edu) to submit application materials, including an application letter, CV, research plans, teaching interests, and contact information for three references. Applications received by **October 16, 2013** will receive full consideration.

**Equal Employment Opportunity/Affirmative Action. Women and underrepresented groups are encouraged to apply.**
LETS GUIDE THE FUTURE.
Molecular Biologist Scientist, Houston, TX

Do you have a PhD in microbiology/biochemistry with a specific knowledge of molecular transformations of bacteria and/or yeasts? Then we’d like you to help us pilot an exciting new project.

Joining our in-house microbial biofuels team, you’ll transform host organisms to efficiently produce different biofuel components. You’ll need experience in molecular transformations and metabolic pathway improvements.

Find out more and apply online at www.shell.us/careers

LETS DELIVER BETTER ENERGY SOLUTIONS TOGETHER.

Distinguished Postdoc Fellowships
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Richard P. Feynman*
Named after the famed theoretical physicist and winner of the 1965 Nobel Prize in physics. Awarded to the highest-ranked candidates in theory or computing.

J Robert Oppenheimer
Named after the Laboratory’s first Director. Open to all nationalities and research areas aligned with LANL’s missions.

Frederick Reines*
Named after the former LANL researcher who won the 1995 Nobel Prize in physics. Awarded to the highest-ranked candidates in experimental sciences.

To apply:
• See the Postdoc application process at http://bit.ly/PostDocAp
• Apply to the Postdoc Program, job# IRC27512
• Identify a technical sponsor by 11/1/13.

*Candidates must be able to obtain a DOE “Q” Security Clearance, which requires U.S. Citizenship except in very limited circumstances.

More information about our Postdoc Program including other Fellowships and types of appointments can be found at:

www.lanl.gov/postdocs

JAMSTEC
http://www.jamstec.go.jp/e/

Scientist/Engineer/Postdoctoral Researcher for the establishment of advanced understanding of the Earth’s interior and research of its basic process

The Japan Agency for Marine–Earth Science and Technology (JAMSTEC) is recruiting 15 full-time fixed-term contract positions task with pursuing research on “The establishment of advanced understanding of the Earth’s interior and research of its basic process.” Positions include Scientists, Engineers, and Postdoctoral Researchers.

Details of the ongoing research in JAMSTEC regarding the exploration of solid earth systems and investigation of relevant processes are available at:
http://www.jamstec.go.jp/ifree/e/

<Relevant Research Fields>
We are seeking applicants who are interested in the field of solid Earth, with a background in science, engineering, and agriculture, among others. Relevant fields are seismology, geodynamics, geochemistry, petrology, and solid Earth science.

Successful candidates are expected to join us from April 1, 2014, at either Yokosuka or Yokohama, Japan.

Required documents must be sent to JAMSTEC by POST on or before November 8, 2013.

For further information, please visit our website:
http://www.jamstec.go.jp/e/about/recruit/ifree_20131108.html

An Affirmative Action / Equal Opportunity Employer, M/F/D/V
Tenure-track positions in
Systems Biology and Wildlife Biology

The Department of Biology at the University of North Dakota invites applications for two positions at the level of Assistant Professor.

**Systems Biology:** The position is integral to our new undergraduate major in Molecular and Integrative Biology. The individual will have the opportunity to collaborate with existing North Dakota faculty in ongoing development of research, including environmental epigenetics and genomics. The individual will combine traditional experimental, and/or proteomic analysis with computational modeling exploring the role of gene regulatory networks or protein interactions in organismal function. The specific organism(s) or model system used is of less importance than the integrative nature of the analytical approaches and the candidate's ability to teach both general biology courses and a Systems Biology course. A Ph.D. and postdoctoral experience are required. Review of applications will begin **October 15, 2013** and continue until the position is filled.

**Wildlife Biology:** The position is integral to our undergraduate major in Fisheries and Wildlife Biology and will also strengthen the department’s teaching and research missions in ecology and evolutionary biology. We seek an individual with expertise in field-based, hypothesis-driven research involving the ecology of mammals. Specific interests may include but are not limited to human dimensions of wildlife biology, plant-herbivore interactions, disease ecology, and behavioral ecology. The successful candidate will benefit from our location in the northern plains (including three University-owned field stations in the region) and opportunities to engage with state and regional resource management agencies and conservation organizations. Course offerings will depend on the candidate’s specific expertise, but may include courses such as Ecology of Mammals, Conservation Biology, or wildlife-related courses focused on human dimensions. A Ph.D is preferred. A postdoctoral experience preferred. Review of applications will begin **October 21, 2013**, and continue until the position is filled.

**Both positions:** Teaching duties will not exceed two courses per year during the first several years.

**How to apply:** Send, in the following order, a cover letter, CV, statements of teaching and research interests, three representative reprints, and the names and contact information for at least three references as a single pdf file to Dr. Diane Darland at diane.darland@und.edu (Systems Biology) or Dr. Robert Newman at robert.newman@und.edu (Wildlife Biology). Address for mail contact is University of North Dakota, Department of Biology, 10 Cornell St., Stop 9019, Grand Forks, ND 58202-9019. The positions will begin 16 August, 2014. For additional details on these positions: [www.und.edu/dept/biology/jobs.htm](http://www.und.edu/dept/biology/jobs.htm).

The University of North Dakota is an Equal Opportunity/Affirmative Action Employer and we strongly encourage applications from women and underrepresented groups. Veteran’s preference does not apply to this position.

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University of Pittsburgh
School of Medicine
Department of Otolaryngology

**Faculty Position in Auditory Neuroscience**

To expand its Auditory Neuroscience Group (http://www.audres.pitt.edu), the Department of Otolaryngology at the University of Pittsburgh School of Medicine seeks applications for a **tenure-track faculty position**. To complement our existing strength, we are especially interested in investigators addressing fundamental questions about the structural and functional properties of the mammalian central auditory system using in vivo physiological and/or behavioral/psychophysical approaches.

Outstanding investigators at any rank will be considered. Candidates must have a Ph.D., M.D. or equivalent degrees. Faculty in the Auditory Neuroscience Group have secondary appointments in basic science departments and are expected to participate in neuroscience graduate training programs.

The University of Pittsburgh offers a highly dynamic research/academic environment that provides ample opportunities for collaborations on the basic science or translational level.

To ensure full consideration, applications should be received by November 21st, 2013, however the review process will continue until the position is filled. Applicants should submit a CV, 2-3 page summary of past accomplishments and research plans, and the names of three references to aussearch@pitt.edu

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

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University of California
San Francisco

**Two Tenure-track Assistant Professor Positions**

**Department of Biochemistry and Biophysics**

The Department of Biochemistry and Biophysics resides at the newly constructed Mission Bay Campus near to the San Francisco Bay waterfront and Embarcadero. Our department is a supportive and dynamic group with an established track record of mentoring and promoting the career development of young scientists. Research within the department spans a broad range of interests from protein structure to cell biology, systems biology, developmental biology and neuroscience. We have defined two broad areas of interest that span most of modern cellular, molecular and systems biology.

1) We seek individuals applying quantitative approaches characteristic of systems biology and/or structural biology to solve outstanding questions in any field of modern biology.

2) We seek individuals approaching questions in modern biology that range from cell to organism in scope. Individuals working in areas of cell biology, developmental biology and neuroscience with an emphasis on highly quantitative experimental approaches are encouraged to apply.

Individuals who have attained the level of PhD, MD or equivalent may apply. Our evaluation process emphasizes the selection of individuals who have made significant contributions to their field of research and who are able to clearly articulate both their past accomplishments and a vision of their future research program. A 1-2 page research statement should succinctly address two questions.

(1) What have been your most significant scientific contributions to date? (2) What will be the significance of your future research program?

**Please submit your CV, 1 page cover letter, 1-2 page research statement, and three letters of reference to** [https://bch-facultysearch.ucsf.edu](https://bch-facultysearch.ucsf.edu) **by December 1, 2013. Successful candidates will be invited to interview at UCSF during the months of January and February, 2014.**

UCSF seeks candidates whose experience, teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence. UCSF is an Affirmative Action/Equal Opportunity Employer. The University undertakes affirmative action to assure equal employment opportunity for underutilized minorities and women, for person with disabilities, and for covered veterans.

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**University of Maryland, Baltimore County (UMBC)**

**TENURED/TENURE TRACK FACULTY POSITION**

**THE DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY AT THE UNIVERSITY OF MARYLAND, BALTIMORE COUNTY (UMBC)** invites applications for a full-time, tenured/tenure-track faculty position at the Assistant or Associate Professor level. Applicants are expected to establish a vigorous, externally funded, research program in any sub-discipline of an area broadly defined as analytical chemistry (e.g., bio-analytical, materials, energy, etc.). The successful candidate should have a Ph.D., and postdoctoral experience and will be expected to teach at both the undergraduate and graduate (PhD and MS) levels, with particular emphasis on analytical and instrumental chemistry courses. Applications from women, minorities, individuals with disabilities and other traditionally under-represented groups in the sciences are especially encouraged. The appointment will commence August 2014. The Department (www.umbc.edu/chem) is a highly cross-disciplinary and interactive group of faculty, post-doctoral fellows, and students engaged in cutting edge research, working in state-of-the-art laboratory facilities in a recently renovated building. UMBC is strategically situated on a suburban campus in the intellectually and culturally vibrant Baltimore-Washington corridor, providing unique opportunities afforded by its diversity, intermediate size and world-class infrastructure. Applicants should submit curriculum vitae, description of research plans, and statement of teaching philosophy as well as arrange for three letters of recommendation to be sent to:

**Chair, Faculty Search Committee**

Department of Chemistry and Biochemistry
University of Maryland, Baltimore County
1000 Hilltop Circle
Baltimore, MD 21250

Electronic submissions can also be made to chemsearch@umbc.edu.

Review of applications will begin **November 15, 2013** and continue until the position is filled.

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

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**University of California, San Francisco**

**Two Tenure-track Assistant Professor Positions**

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**University of California, San Francisco**

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