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Science makes every effort to screen its ads for offensive and/or discriminatory language in accordance with US law. Since we are an international journal, you may see ads from non-US countries that require applications from specific demographic groups. Since US law does not apply to other countries we try to accommodate recruiting practices of other countries. However, we encourage our readers to alert us to any ads that they feel are discriminatory or offensive.

Assistant Professor
Molecular Fungal-Plant Interactions
The Department of Plant Pathology at the University of Nebraska-Lincoln (UNL) invites applications for a nine-month, tenure-track faculty position at the Assistant Professor level. This position is 80 percent research and 20 percent teaching. We are seeking candidates interested in research that is focused on elucidating fungal/oomycete-plant interactions using molecular genetics/genomic approaches or other cutting-edge technologies. The successful candidate is expected to have a strong commitment to undergraduate and graduate education and the ability to teach courses within a broad microbiology curriculum, including mycology. Candidates must have a demonstrated research record consisting of publications in high-profile journals and the ability to attract external grant funds. A Ph.D. in plant pathology, microbiology, or other relevant areas of biological sciences is required.

To apply, go to website: http://employment.unl.edu and complete the faculty/administrative form (requisition #080055) and attach a letter of application, curriculum vitae, a two to three-page description of research interests, and a brief statement of teaching philosophy. In addition, arrange to have three letters of recommendation sent to: Search Committee Chair, Department of Plant Pathology, Room 406 Plant Science Hall, University of Nebraska-Lincoln, Lincoln, NE 68583-0722.

Applications will commence on April 15, 2008, and will continue until the position is filled or the search is closed. UNL is committed to a philodonic campus community through Affirmative Action and Equal Opportunity and is responsive to the needs of dual career couples. We accommodate accommodation under the Americans with Disabilities Act; contact Dr. James Steadman at telephone: 402-472-2858 or e-mail: jsteadman@unl.edu for assistance.

The College of Arts and Sciences at the University of Wisconsin-Parkside invites applications for a full-time ADVISER position within the Pre-Health Office. A Master’s degree, direct experience in academic advising of students at the university/college level, the ability to quickly gain and apply knowledge of professional health advising, and demonstrated knowledge in preparing students for standardized exams are required along with demonstrated ability to work effectively with a culturally diverse student population. Candidates possessing two years of experience working with preprofessional health students, knowledge of professional health programs, knowledge of university/college recruiting and admissions, and strong oral and written communication skills are preferred. Applications received by March 7, 2008, are ensured full consideration; position is open until filled. More information about this position can be obtained from website: http://www.uwp.edu/ keyword “jobs.” UW-Parkside is an Affirmative Action/Equal Employment Opportunity Employer, Persons with Disabilities/Men/Women.

Assistant Research Professor, Research Associate, and Postdoctoral Associate
Chemoprevention
Three positions are available for scientists with a Ph.D. degree and a strong background in molecular/cell biology or molecular pathology to study the prevention of environmental toxicity and cancer by dietary constituents and synthetic compounds. Supported by NIH grants and endowment funds, there are ample opportunities for creative research and multidisciplinary collaborations. Qualified scientists are encouraged to pursue novel ideas and to develop their own research grants. Send curriculum vitae, statement of research interests, and the names of three references to Prof. Richard A. Hodin, M.D., Ph.D., the Louisiana State University Health Sciences Center (LSUHSC) School of Medicine in New Orleans. Applications and nominations for Head of the Department of Genetics are also being invited.

The successful candidate will hold a Ph.D., M.D., or M.D./Ph.D., will be internationally recognized for research in genetics or genomics, and will have an exceptional record of extramural research funding. The applicant will be expected to coordinate the development of program project grants and training programs within the Department and also to foster translational research. He/she must demonstrate leadership ability, a commitment to biomedical research and education, and have the ability to provide a vision of excellence for the Department. Achievements in multidisciplinary, collaborative research, mentorship, teaching, and administration that promote an inclusive environment are essential.

Qualified candidates will have opportunities to interact with Centers of Excellence, including the Cardiovascular Center, the Alcohol Research Center, the Neuroscience Center, the Stanley S. Scott Cancer Center, and the Gene Therapy Program. Excellent core facilities are also available. Significant resources will be available for departmental development, and for faculty recruitment and startup. These resources include an endowed chair for genetic research in hearing loss. Candidates should be qualified for the rank of tenured PROFESSOR in accordance with School of Medicine and LSU System criteria; the compensation package will be competitive.

Candidates should provide their curriculum vitae, including a full list of publications, a brief statement of educational, research, service, and administrative interests, a vision statement describing goals for departmental development, and the names and contact information of three references. These materials should be forwarded electronically to:

Dr. Wayne V. Vedeckis
Department of Biochemistry and Molecular Biology
LSUHSC School of Medicine
533 Bolivar Street
New Orleans, LA 70112
E-mail: wvedec@lsuhsc.edu

Review of applications will commence immediately and will continue until the position is filled. LSUHSC is an Equal Opportunity/Affirmative Action Employer.

A POSTDOCTORAL FELLOW/RESEARCH ASSOCIATE POSITION is available to study host-microbe interactions and putative mechanisms of gut mucosal barrier function. The ideal candidate will have expertise in molecular biology, microbiology, tissue-imaging, and animal models of bacterial pathogenesis. Please send curriculum vitae and three letters of reference to Dr. Richard A. Hodin, M.D., Ph.D., Professor, Department of Surgery, Massachusetts General Hospital, Harvard Medical School, 15 Parkman Street, Wang 460, Boston, MA 02114. E-mail: rhodin@partners.org.
Department of Agronomy and Horticulture

The University of Nebraska–Lincoln and the Institute of Agriculture and Natural Resources are in the process of expanding their efforts in molecular biosciences. The Department of Agronomy and Horticulture invites applications for 9-month, tenure-leading, 80% research /20% teaching, Assistant Professor positions in (1) Plant Molecular Physiology and (2) Horticultural Molecular Genetics.

The Plant Molecular Physiologist position (requisition #080112) will develop an internationally recognized, competitively funded research program in molecular physiology to elucidate the nature of responses and adaptation to environmental stress and teach a course in plant physiology.

The Horticultural Molecular Geneticist position (requisition #080117) will be expected to identify/understand key genes underlying mechanisms regulating quantitative traits influencing nutritional value and taste in fruits, vegetables, and grains, and to teach a course in plant genetics or horticulture.

Requirements: Ph.D. in Molecular Biology/Physiology, Agronomy/Horticulture, or related discipline; relevant postdoctoral or private sector experience; demonstrable expertise/experience in the use of molecular tools of genetics, genomics, biochemistry, and physiology; evidence of grant-writing experience; publication of original research in peer-reviewed journals; experience/effectiveness in classroom instruction. There is an expectation that the incumbent will translate research discoveries into technologies useable in plant species of economic or ecological interest.

To apply: Go to http://employment.unl.edu and search for requisition #080112 or requisition #080117 and complete the Faculty Administrative Information Form. Applicants must submit a letter of application, CV, a research focus/interest statement, a teaching expertise/experience statement, and arrange for 3 letters of reference to be sent no later than 28 March 2008 to: Dr. Mark Lagrimini, Head, Department of Agronomy and Horticulture, University of Nebraska-Lincoln, P. O. Box 830915, Lincoln, NE 68583-0915.

UNL is committed to a pluralistic campus community through AA/EO and is responsive to the needs of dual career couples. We assure reasonable accommodation under the Americans with Disabilities Act; contact Dr. Mark Lagrimini for assistance at: 402-472-1555 or email: mlagrimini2@unl.edu.

Plankton Ecologist

Vacancy #934017

Department of Biology

The Department of Biology and the Institute for Interdisciplinary Coastal Science and Policy (ICSP) seek applications for a 9-month Assistant or Associate Professor joint tenure-track position in Plankton Ecology, to begin August 11, 2008. Candidates should be committed to excellence in research and undergraduate/graduate education. The successful candidate will lead a strong extramurally funded research program and contribute to our teaching mission at the undergraduate and graduate levels. Candidates with research interests including anthropogenic effects on coastal systems and the ability to create working partnerships with other ICSP faculty are preferred. Appropriate service to the university, community, and profession will be expected. Salary will be commensurate with qualifications.

ICSP is a newly-formed institute with more than 60 affiliated faculty from natural and social sciences. East Carolina University is a nationally-recognized Research I institution with resources dedicated to coastal research including boating, diving, coastal facilities, and other collaborations, with interdisciplinary doctoral programs in biology and coastal resources management. Additional information about ICSP and the Department of Biology is located at http://author.ecu.edu/csci-acad/rgs/ICSP.cfm and http://www.ecu.edu/biology.

Minimum Qualifications: A PhD from an appropriately accredited institution is required; post-doctoral experience is preferred.

Screening will begin March 6, 2008, and continue until the position is filled. To apply, complete a candidate profile and submit a cover letter, teaching philosophy, description of research interests, and curriculum vitae online at www.jobs.ecu.edu. In addition, arrange for three current letters of recommendation to be sent to: Dr. Roger Rulison, Biology/ICSP Search Committee Chair, Planagall Hall 385, East Carolina University, Greenville, NC 27858. (Phone: 252-328-9400; email: rulisonr@ecu.edu).

Official transcripts will be required upon employment.

Equal Opportunity/Affirmative Action Employer


Faculty Position in Exercise Science

The University at Buffalo, State University of New York, invites applications for a tenure-track faculty position at the Assistant Professor level in the Department of Exercise and Nutrition Sciences, School of Public Health and Health Professions. The start date is negotiable. Candidates should have an earned doctorate in a discipline relevant to exercise science. Postdoctoral research experience is required. A record of outstanding achievement in research with publications in high quality journals is desired. All applicants will be considered but preference will be given to those with research expertise in human physical activity applied to public health issues.

The successful candidate will be expected to develop an independent research program and seek external funding to strengthen the departmental research mission, which combines physical activity and nutrition to address public health issues related to aging, inflammation and chronic diseases. Current research programs investigate how nutrients and physical activity interact with cardiovascular disease, musculoskeletal disease, cancer, and the health consequences of nutritional disorders and obesity. The candidate will also teach courses in the department, improve the interdisciplinary nature of the department's educational programs, and contribute to service.

Candidates should submit 1) a letter of application, 2) a curriculum vitae, 3) a brief statement of future research plans, and 4) the names and contact information for three references to: https://www.ubjobs.buffalo.edu posting # 0601931.

The University at Buffalo is an Equal Opportunity/Affirmative Action Employer/Recruiter.

Crop Sciences and Energy Biosciences Institute

Three Faculty Positions; Two Rank Open

Three positions in improvement of plant feedstocks for biofuels in the following areas: (1) genomics research that utilizes functional and/or structural genomic tools to advance perennial crop biology employing knowledge from current model and agronomic plant systems. Approaches may include genetic and physical mapping, quantitative and association genetics, and the analysis of polymorphisms or pathways on a genome scale; (2) breeding and genetics research to improve perennial grasses for sustainable bioenergy production; and (3) agronomy of perennial feedstocks.

These are 9-month tenured or tenure track positions at assistant, associate, or full professor rank in the Department of Crop Sciences with opportunity for summer appointment except (3) which is at tenure-track Assistant Professor rank. Candidates will also be an integral part of the Energy Biosciences Institute (EBI, see www.energybiosciencesinstitute.org), housed within the Institute for Genomic Biology (http://www.igb.uiuc.edu). It is anticipated that up to 50% of effort for each position will be focused on EBI mission and supported by EBI. Successful applicants are expected to have or develop internationally recognized, externally funded research and participate in the development of bioenergy curricula.

For more information about specific qualifications, requirements, and contact information for each position see http://www.uiuc.edu/services/employment.html. To ensure full consideration, applications must be submitted by March 15, 2008.

The University of Illinois is an Affirmative Action/Equal Opportunity Employer.
Clinical Tenure-Track Position

The National Institute of Allergy & Infectious Diseases (NIAID), Division of Intramural Research (DIR), is seeking an outstanding tenure-track investigator to develop a clinical research program to better understand, treat, and ultimately prevent infectious, immunologic, and/or allergic diseases. The scope of the NIAID research portfolio has expanded considerably in recent years in response to new challenges such as bioterrorism; emerging and reemerging infectious diseases, including acquired immunodeficiency syndrome (AIDS), influenza, severe acute respiratory syndrome (SARS), West Nile virus, malaria, and tuberculosis; immunologic diseases and the increase in asthma prevalence among children in this country.

The successful candidate will implement and direct an independent clinical research program with research emphasis on clinical research but may include translational or basic research. The incumbent will have the opportunity to choose the Laboratory in which he/she would like to be affiliated. It is expected that clinical protocols developed will complement the research goals of the Laboratory selected. In addition, the candidate will be paired with a Senior Investigator who will serve as a clinical mentor.

An outstanding postdoctoral record of research accomplishment and M.D., M.D. /Ph.D. or equivalent degree is required for this position; board eligibility/board certification is also required. The incumbent will be expected to be qualified for credentialing by the NIH Clinical Center.

Candidates will be assigned independent resources to include clinical and/or laboratory support personnel, equipment, space, and an allocated annual budget for services, supplies, and salaries to ensure success. This is a tenure-track appointment under Title 42. Salary is dependent on experience and qualifications.

Interested candidates may contact Dr. Karyl Barron, Deputy Director, DIR, NIAID at 301/402-2208 or email (kbarron@nih.gov) for additional information about the position.

To apply for the position, send your curriculum vitae, bibliography, and an outline of your proposed research program (no more than two pages), by March 14, 2008 via email to Ms. Wanda Jackson at jacksonwa@niaid.nih.gov. In addition, three letters of recommendation must be sent to Chair, NIAID DIR Clinical Tenure Track Search Committee, c/o Ms. Wanda Jackson at jacksonwa@niaid.nih.gov or 10 Center Drive MSC 1356, Building 10, Rm. 4A-26, Bethesda, Maryland 20892-1356. E-mail is preferred. Please note search #018 when sending materials.

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

The Medical College of Wisconsin Cancer Center invites nominations and applications for the Juan Van Deuren Professorship in Breast Cancer Research. The position will be filled at the rank of Associate or Full Professor (PhD, MD, or MD/PhD). The successful candidate must have a strong, funded research program related to Breast Cancer. The position is part of the College’s expansion of basic cancer research to complement a new state-of-the-art clinical cancer care center. A competitive development package and new research space is available for this position.

The Medical College of Wisconsin (www.mcw.edu) is the largest private research institution in Wisconsin, conducting over $130 million annually in funded research. Over the past several years the College has been among the fastest growing medical schools in the United States in terms of NIH funding. In addition to a strong core of basic biomedical science departments, the Medical College is home to nine federally designated Centers of Biomedical Research. Excellent shared facilities are available for proteomics, imaging, molecular biology, mouse/rat genetics, flow cytometry, mass spectrometry, electron microscopy, X-ray crystallography and NMR. The research and clinical programs benefit directly from strong philanthropic support from cancer survivors, family members, and patient advocates. The College is completing major new research and cancer care facilities, including a Clinical Cancer Center and a Basic Research Building housing interdisciplinary research programs. The Medical College is conveniently located in suburban Milwaukee and is part of an academic medical center that includes nationally distinguished children’s and adult hospitals that employ over 13,000 people. The College is located 8 miles west of Lake Michigan with easy access to surrounding communities, lakes, and parks.

Salary and other considerations will be competitive and consistent with the College’s commitment to recruiting the best-qualified individual. Applicants should provide curriculum vitae, statement of research interests, and the names and contact information of three references. Please submit application materials, preferably electronically (PDF), to cancerresearch@mcw.edu. Robert Deschens, Ph.D., Director of Cancer Center Research, Chair, Department of Biochemistry, rdeschens@mcw.edu.

EOE M/F/D/V (www.mcw.edu/hr)

Waseda Institute for Advanced Study
Call for Researchers

Waseda University is working to establish a research framework that enables young researchers to demonstrate their capabilities to the full. Waseda Institute for Advanced Study is currently recruiting researchers as detailed below.

- **Research Topics:**
  - Mathematics and Information; Chemistry and Energy; Batteries; Robotics and Machin ery; Physics; Environment and Architecture; Life and Bio-science; Health and Sports Medical Science; integrated research of the above
  - Applications are also accepted for research related to other themes or academic fields.
- **Period of appointment:**
  - Three years from date of recruitment
  - In principle, from October 1, 2008 to September 30, 2011
- **Appointment Status:**
  - Assistant Professor, Visiting Associate Professor (full-time), Visiting Lecturer (full-time), Visiting Research Associate

Applications must have doctorate or equivalent, or have expectation of degree by October 1, 2008. Further details and application forms can be obtained from our website: www.waseda.jp/wias/english

Contact: wias-info@list.waseda.jp

To apply, applicants must fill in the registration form online on the website, and mail all the required documents to the following address:

**Waseda Institute for Advanced Study**

Attention: Researcher Employment

1-6-1 Nishiwaseda, Shinjuku-ku,
Tokyo 169-8050, JAPAN

Closing Date: April 8, 2008
5pm (Japan time)

www.waseda.jp/wias

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Forschungszentrum Karlsruhe in der Helmholtz-Gemeinschaft

The Forschungszentrum Karlsruhe GmbH, member of the Helmholtz Society, is one of the leading research centres of Europe. Its synchrotron light source ANKA will be built up to a national and European user facility on specific science areas. Its 2.5 GeV storage ring provides light from hard X-rays to the far-infrared for spectroscopy, scattering, imaging and lithography. ANKA focuses on the use of synchrotron radiation for micro- and nanotechnologies, condensed matter research, actinide and environmental research and on the development of synchrotron technology.

For the current expansion of ANKA we are looking for the following staff:

**Scientists/Senior Scientist for**

- spectroscopy methods (530/2007)
- coherent X-ray micro imaging methods and instrumentation (195/2007)
- development of modern synchrotron X-ray diffraction techniques (225/2007)
- undulators development (469/2007)

Detailed information about these vacancies can be found at http://jobs.fzk.de.

For more information please contact Prof. Dr. Baumbach, Tel. +49 (0)7247 82-6820 or Mrs Maurer +49 (0)7247 82-5006.

Kindly send your application until 6th of April 2008 to Mrs Maurer, HPS, making explicit reference to the vacancies or apply online http://jobs.fzk.de.

Forschungszentrum Karlsruhe GmbH
in der Helmholtz-Gemeinschaft
Hauptabteilung Personal und Soziales
Postfach 36 40, 76021 Karlsruhe, Germany

Internet: www.fzk.de

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The Nanoscience Cooperative Research Center CIC nanGUNE Consolider (www.nanogune.eu) invites applications and nominations for two positions as

**Group Leaders**

CIC nanGUNE Consolider, located in San Sebastian, Basque Country (Spain), is a R&D center created recently with the mission of conducting basic and applied world-class research in nanoscience and nanotechnology, fostering training and education excellence, and supporting the growth of a nanotechnology-based industry.

The Group Leaders of nanogUNE will be responsible for the design, management, and operation of their respective Research Area and laboratories. At the present time, nanogUNE is welcoming applicants in the following disciplines:

- **Nano-Scale Devices (#001)**
  - All qualified candidates will be considered. Special preference might be given to candidates specializing in nano-mechanical, nano-fluidic, nano-chemical, nano-biological, nano-magnetic, or optoelectronic devices or technologies.

- **Nano-Scale Imaging (#002)**
  - All qualified candidates will be considered. Special preference might be given to candidates specializing in electron microscopy or scanning probe microscopy techniques.

Candidates should have an outstanding track record of research, with an orientation to nanoscience and nanotechnology, a proven ability to obtain competitive research funding, and a proven record of technological transfer initiatives. Proficiency in spoken and written English is compulsory; knowledge of Spanish is not a requirement. An attractive remuneration will be offered.

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

Closing date: 15 April 2008
We are the largest interdisciplinary research centre in Europe and work in the following research fields: Energy, Information, Life, and Environment.

For our Institute of Solid State Research (IFF) we are seeking a

**PHYSICIST (PostDoc) or PHYSICAL CHEMIST (PostDoc), in Materials Science**

- code 015/2008 -

- Working in our research focus „highly correlated electron systems“, in particular on materials with colossal magnetoresistance or multiferroica
- preparation and macroscopic characterisation of the samples, e. g. with our PPMS-system
- investigation of the order and excitations of spin-, charge-, orbital- and lattice degrees of freedom by means of modern scattering methods at neutron and synchrotron radiation sources, aiming at a microscopic understanding of the macroscopic properties.

**We expect from you:**

We are particularly interested in highly motivated candidates, which can work well in a team and have an excellent knowledge of solid state physics. We expect mobility, in particular the willingness to perform experiments at various large scale facilities and a sound knowledge of English. We would welcome experience with preparation and characterisation of ceramics and single crystal samples of complex transition metal chalcogenides as well as working experience in scattering methods (neutron and synchrotron x-ray scattering),

as well as a

**PHYSICIST (PostDoc), in Materials Science**

- code 016/2008 -

- Working in our research focus „nanomagnetism”
- preparation of thin magnetic films and layer systems (metals, dilute magnetic semiconductors, complex transition metal oxides)
- structuring by means of electron beam- or interference lithography
- characterisation of the samples with MOKE, SQUID etc.
- investigation of magnetic ordering phenomena and magnetisation dynamics by means of modern scattering methods at neutron and synchrotron radiation sources.

**We expect from you:**

We are particularly interested in highly motivated candidates, which can work well in a team and have an excellent knowledge of solid state physics. We expect mobility, in particular the willingness to perform experiments at various large scale facilities, and a sound knowledge of English. We would welcome experience with the preparation (MBE, sputtering, PLD, etc.) and characterisation of thin film systems, as well as working experience with scattering methods (neutron and synchrotron x-ray radiation).

Initially, fixed term contracts for three years will be offered.

Equal opportunities is an important cornerstone of our staff policy at Research Centre Jülich, for which we have been awarded the „TOTAL E-QUALITY“ award. Applications from women are therefore particularly welcome. Applications from disabled persons are welcomed.

Salary and social benefits will conform to the provisions of the Collective Agreement for the Civil Service (TVöD).

Please send your application, giving the reference code to:

Forschungszentrum Jülich GmbH
Geschäftsbereich Personal – Personalentwicklung – 52425 Jülich
Telefon: 02461 61-5358

Further Informationen at: www.fz-juelich.de
Dean of the College of Sciences

The University of Nevada, Las Vegas (UNLV), seeks an innovative and energetic individual for the position of Dean of the College of Sciences. The successful candidate will have the experience and demonstrated skills to advance the College in step with the University’s rapid progress toward achieving research extensive status while maintaining our historic commitment to teaching excellence.

The Dean reports to the Executive Vice President and Provost. Candidates must possess a terminal degree from an accredited institution in a discipline appropriate to the College, along with a record of accomplishment meriting a tenured appointment at the rank of Professor in one of the College’s academic units. Experience in administration at or above the department chair level is strongly preferred.

The Search Committee will accept applications until the position is filled. To guarantee full consideration applications should be completed by March 17, 2008 and include a curriculum vitae as well as contact information for five professional references. A cover letter should describe the applicant’s past accomplishments with specific reference to program development, resource acquisition, fostering a collaborative environment and promoting transparency in decision making. Materials should be addressed to Dr. Paul Jarley, Dean of the College of Business, Search Committee Chair, and must be submitted online at https://hrsearch.unlv.edu/. For assistance with UNLV’s online applicant portal, please contact Jen Martens at (702) 895-3886 or hrsearch@unlv.edu.

UNLV is an Affirmative Action/Equal Opportunity educator and employer committed to excellence through diversity.

The Biology Department at the University of Massachusetts Amherst seeks an endocrinologist or physiologist who would interact with researchers investigating the effects of environmental contaminants on developmental or adult physiological processes. This is a tenure-track position at the level of Assistant Professor. Postdoctoral experience required.

The successful candidate will be expected to participate in a broad multi-disciplinary initiative in Global Change Biology centered within the Department of Biology (http://www.bio.umass.edu/biology/geb). This initiative bridges a group of faculty who use multiple levels of analysis to understand how rapid environmental changes impact populations and individual organisms.

Applications, which should include CV, statements of research interest and teaching philosophy, and the names, addresses and e-mails of at least 3 references, should be sent to: Biology Search c/o Ms. Karen Nelson, Biology Department, University of Massachusetts, Amherst, MA 01003. It is very important that you reference the position number to which you are applying. Position to be filled contingent upon funding. The position number is as follows: Endocrinology/Physiology/Endocrine Disruption - R32352

For priority consideration, applications should be submitted by March 24, 2008 Evaluation of applications is ongoing and will 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. The Biology Department is aggressive in its efforts to hire candidates who will enhance the diversity and general balance of the faculty and the sciences.

Interested in a new career? Have you thought about learning to teach?

Brunel University, School of Sport and Education offers a range of Initial Teacher Training (ITT) courses in Science; Biology, Chemistry and Physics in either full time 1 year or Flexible 2 year format.

We also offer a range of other subjects such as English, Maths, ICT, Modern Foreign Languages and Primary Education.

For more information on our courses please visit http://www.brunel.ac.uk/about/acad/sse or contact us on 01895 267109 e-mail sse-pgtcourses@brunel.ac.uk.

We will also have open days on the 1st March and 27th March where you can find out more about our ITT courses. For further information please contact us.

Molecular and Cellular Biologists

Molecular and Cellular Oncology

The Department of Molecular and Cellular Oncology at The University of Texas M. D. Anderson Cancer Center is seeking outstanding molecular and cellular oncologists. The department has openings for two full-time, tenure-track faculty with demonstrated excellence in molecular and cellular approaches to understanding the molecular mechanisms of cancer development. Although not required, the following expertise is encouraged: proteomic/biochemical analysis to elucidate the molecular mechanisms that cause cancer. Incumbents will be responsible for establishing their own independent research and expected to write grants and papers. Applicants must have a doctoral degree, postdoctoral experience and be eligible to apply for federal grants.

Interested applicants should send a letter and curriculum vitae to:

Mien-Chie Hung, Ph.D.
Chair, Department of Molecular and Cellular Oncology, Box 108
The University of Texas M. D. Anderson Cancer Center,
1515 Holcombe Blvd., Houston, Texas 77030
E-mail: nedwards@mdanderson.org

M. D. Anderson Cancer Center is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, sexual orientation, age, religion, disability or veteran status except where such distinction is required by law. All positions at The University of Texas M.D. Anderson Cancer Center are subject to background investigation. Smoke-free and drug-free environment.
The Department of Molecular and Cell Biology of The University of Texas at Dallas invites applications for a Biological Sciences Faculty Position. Preference will be given to investigators whose expertise complements existing strengths in the department. Areas of particular interest include structural biology, neuroscience, and cell biology, computational biology, systems biology, microbial pathogenesis, molecular, cellular and nanobioengineering, and blood diseases. The Schools of Natural Sciences and Mathematics, Behavioral and Brain Science, and Engineering and Computer Science are expanding, with an emphasis on recruiting faculty who can foster interdisciplinary interactions. Applicants should show evidence of a vigorous and independent research program that is or can be externally supported. Applications for senior faculty positions should have a demonstrated record of external funding. Teaching responsibilities will include participation in appropriate graduate and undergraduate courses.

Review of applications will begin immediately and will continue until all positions are filled. Indication of sex and ethnicity for affirmative action statistical purposes is requested as part of the application but is not required. Forward curriculum vitae and short descriptions of research plans and teaching interests, and have a minimum of three letters of reference sent to: Academic Search #20093, The University of Texas at Dallas, 800 W. Campbell Road, AD 42, Richardson, TX 75080-3021.

UTD is an AA/EEO Employer.
We are the largest interdisciplinary research centre in Europe and work in the following research fields: Energy, Information, Life, and Environment.

For our Institute of Solid Research (IFF) we are seeking

**4 Ph.D. Students for three-year projects**
- code D011/2008 -

working in our research focus „highly correlated electron systems“ and „nanomagnetism. The students will be inscribed at the Elite University RWTH Aachen.

We expect from you:
• Completed study of physics, chemistry or materials science with a good or very good diploma or master degree
• good language skills in English
• sound knowledge of solid state physics or chemistry
• ability to work in a team as well as mobility and high motivation.

Equal opportunities is an important cornerstone of our staff policy at Research Centre Jülich, for which we have been awarded the „TOTAL E-QUALITY“ award. Applications from women are therefore particularly welcome. Applications from disabled persons are welcomed.

Payment will correspond to salary grade 13/2 Collective Agreement for the Civil Service (TVöD).

Please send your application with the relevant documentation to:
Mr. D. Schlotmann
Institut für Festkörperforschung (IFF-4)
Forschungszentrum Jülich GmbH
52425 Jülich
Telefon: 02461 61-4465
Further Information at: www.fz-juelich.de

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**Faculty Position**
**Division of Molecular Anatomic Pathology**
**University of Pittsburgh**

The Department of Pathology at the University of Pittsburgh Medical Center (UPMC) is recruiting a full-time faculty member to join the Division of Molecular Anatomic Pathology in the rank of Assistant Professor/Associate Professor (tenure or nontenure depending on qualifications).

The Division of Molecular Anatomic Pathology offers more than 15 different tests mainly in the area of molecular oncology and processes over 2,000 samples each year. It also supports research programs on cancer genetics using the traditional molecular biology and novel array-based methodologies.

The Department of Pathology at the University of Pittsburgh (www.path.upmc.edu) supports excellence in both clinical service and research. As the hub of Pathology laboratories for 15 hospitals of the UPMC system, it maintains a network of Centers of Excellence, all of which closely interact with the Division of Molecular Anatomic Pathology. The department also supports research for its members with shared resources including genomics facilities, tissue biology resources, shared instrumentation, etc. The Department was ranked 4th in the nation for NIH funding last year.

We are seeking a funded investigator with an established research program in any area of tissue biology who will also participate in signout of molecular tests. Additional responsibilities will include teaching of pathology fellows, residents, and medical students. Applicants must hold an M.D. or M.D./PhD. degrees, be board certified in pathology, preferably in AP, and qualified to obtain a medical license in Pennsylvania. We offer a competitive salary and benefit package as well as competitive research package and space.

Interested applicants should submit a CV and the names and addresses of three professional references to: George K. Michalopoulos, M.D., Ph.D., Maud Menten Professor and Chairman, Department of Pathology, University of Pittsburgh School of Medicine, S-410 Biomedical Science Tower, 203 Lothrop Street, Pittsburgh, PA 15261.

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**GRADUATE PROGRAM**

**Career Awards at the Scientific Interface**

**2009**

**Deadline:** April 15, 2008

**$500,000 award over five years for postdoctoral fellows**

- Support up to two years of advanced postdoctoral training and first three years of faculty appointment
- Must hold a Ph.D. in mathematics, physics, biophysics, chemistry (physical, theoretical, or computational), computer science, statistics, or engineering and must not have accepted, either verbally or in writing, a faculty appointment at the time of application
- Propose innovative approaches to answer important biological questions
- Degree-granting institutions in the U.S. and Canada may nominate candidates

Complete program information, eligibility guidelines, and application instruction are available on BWF’s website at www.bwfund.org.

**BURROUGHS WELLCOME FUND**
919.991.5100
www.bwfund.org

The Burroughs Wellcome Fund is an independent private foundation dedicated to advancing the biomedical sciences by supporting research and other scientific and educational activities.

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**Faculty Positions in Microbiology and Immunology**
**University of North Carolina at Chapel Hill**

The Department of Microbiology and Immunology in the School of Medicine at the University of North Carolina at Chapel Hill invites applications for one or more tenure-track faculty positions from individuals studying bacterial-host interactions from a cell biology perspective. Applicants at the Assistant Professor or Associate Professor level will be considered as part of an initiative to expand the university’s microbiology research activities.

UNC-Chapel Hill has a strong collaborative environment that includes basic, clinical, and translational research. Successful applicants will have opportunities to participate in larger interdisciplinary studies while developing an independent research program and participating in teaching. Information about the Department of Microbiology and Immunology is available at http://microimm.med.unc.edu/home.aspx.

Candidates should have a Ph.D. and/or M.D. degree and postdoctoral research experience. Candidates should apply by e-mail, sending a single PDF file containing the curriculum vitae, a 1-2 page description of future research plans, and the names and contact information (including e-mail addresses) for three references to Dr. Thomas H. Kawula, Chair of the Bacterial Pathogenesis Search Committee, at Micro_Search@med.unc.edu. Review of applications will begin March 15, 2008.

The University of North Carolina at Chapel Hill is an Equal Opportunity Employer.
Graduate Assistantships for the study of Complex Systems
at The University of Vermont

Are you an integrative thinker who wants to develop and apply cutting edge approaches for understanding the complex natural, social, and/or engineered systems that are central to tackling today’s most pressing problems? Here is an opportunity to research those problems in Burlington, Vermont – one of the most beautiful places in the country to live and work.

The Complex Systems Center in the College of Engineering & Mathematical Sciences at the University of Vermont is excited to announce the availability of new graduate research assistantships in support of our interdisciplinary emphasis in complex systems analysis and engineering. These highly competitive and prestigious assistantships carry a stipend of $30,000 per year, in addition to tuition and health insurance benefits.

We seek to support innovative and forward-thinking doctoral students who will conduct transformative, high-impact research in theory, methodology, and/or applications of complex systems science and engineering. Recipients will matriculate into doctoral programs in Computer Science, Mathematics, Materials Science, or Engineering (Civil, Environmental, Electrical, or Mechanical) and study with faculty who are at the forefront of interdisciplinary research in complex systems. Some examples of exciting ongoing projects include creating resilient autonomous robots through cognitive self-modeling, improving forecasts in chaotic weather systems, understanding the spread of ideas and influence in complex social networks, developing and applying hierarchical artificial neural networks for multiscale environmental modeling, developing a multi-scale agent-based model of the complex transportation energy market, studying complexity and sensitivity in an agent-based transportation model coupled with a model of land use change, studying emergent evolutionary and population dynamics in spatially structured ecosystems, developing novel evolutionary computational approaches for understanding the genetic causes of complex diseases, and designing multi-agent control methods for mitigating the negative effects of cascading failures in power networks. Applicants need not restrict their proposed interests to existing projects, but are advised to identify and contact potential advisor(s) with whom they would like to work. For more information on our complex systems activities and how to apply, please visit www.uvm.edu/complexsystems.

Founded in 1791, the University of Vermont is considered a public ivy and is consistently ranked as one of the top public universities in the United States. The University is located in Burlington, Vermont, rated as one of the best small cities in America, and enjoys a panoramic setting on the shores of Lake Champlain bordered by the Adirondack and Green Mountains. Roughly 150,000 people, from increasingly diverse cultural backgrounds, live in the greater Burlington area. The University encourages applicants who can contribute to the diversity and excellence of the academic community.

Complex Systems Center
Achieving insight, innovative design, and informed decision-making through systems thinking

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UCDAVIS
UNIVERSITY OF CALIFORNIA

Director, University of California Statewide Integrated Pest Management Program
and
Associate or Full Professor/Specialist in Cooperative Extension

The University of California, Davis seeks a recognized leader in integrated pest management to serve as Director of the University of California Statewide Integrated Pest Management Program (IPM). The selected candidate will be responsible for providing leadership and direction to the University of California Statewide IPM Program. The candidate must be qualified for appointment as an Associate or Full Professor and have an outstanding record in teaching, research, and extension/outreach activities.

Applicants should refer to the detailed position description and submit requested materials online at https://secure.caes.ucdavis.edu/Recruitment/. Inquiries about the position should be directed to Ken Giles, Search Committee Chair, e-mail: dkgiles@ucdavis.edu, telephone: (530) 752-0687. Inquiries regarding the application process should be directed to: Teri Wolcott, College of Agricultural and Environmental Sciences Dean’s Office, University of California, One Shields Ave, Davis, CA 95616; email: wolcott@caes.ucdavis.edu.

The position is open until filled but to ensure consideration, applications should be received by April 15, 2008.

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, veterans, and individuals with disabilities.
SYNTHETIC CHEMICAL BIOLOGY

The Department of Structural and Chemical Biology at Mount Sinai School of Medicine invites applications for two tenure-track faculty positions at the level of Assistant or Associate Professor in the area of synthetic chemical biology. We seek outstanding candidates with demonstrated excellence in synthetic chemistry and chemical biology approaches to the understanding of the molecular basis of disease and development. We are committed to developing innovative research in mechanisms and processes of cellular signaling and gene regulation, and structure based design for novel therapies.

The successful candidates are expected to establish dynamic, independently funded research programs and participate in graduate training at the interface of chemistry and biology. Candidates must hold a PhD or MD/PhD degree and have a strong record of research accomplishments.

We offer a salary commensurate with experience and a competitive benefits package. Please submit a curriculum vitae, a brief statement of research interests and future plans, copies of 2-3 publications and three letters of reference (sent independently) to: Chemical Biology Search Committee, Mount Sinai School of Medicine, 1425 Madison Avenue, Box 1677, New York, NY 10029, Email: CSCB.search@mssm.edu. EOE

University of Pennsylvania
School of Veterinary Medicine

Research Specialist/
Mathematical Models of Infectious Disease

The Section of Epidemiology and Public Health in the School of Veterinary Medicine at the University of Pennsylvania invites applications for a full-time Research Specialist ($45,000) to start immediately (appointment ends January 31st 2009). The Research Specialist will be a member of a research team creating spatial, stochastic mathematical models of animal diseases in the USA. Applicants should have a strong background in mathematics and/or population ecology.

Applicants should mail (or e-mail garys@vet.upenn.edu) an application letter, a curriculum vitae, and the names and contact information for three referees to: Dr. G. Smith, Section of Epidemiology and Public Health, New Bolton Center, 382 West Street Road, Kennett Square, PA 19348, USA.

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

Scientific position

The Pasteur Institute, a leading institution in biomedical research located in the centre of Paris is opening a position of group leader in the department of Neuroscience. Areas of interest to the Institute include neurodegenerative processes, social behaviour and related disorders, therapeutic innovations, model systems for basic functions. Other topics of general interest in neuroscience will also be considered.

The candidates will be expected to develop independent and funded research programs. They should have a PhD and/or MD degree, a relevant experience as an independent investigator and a demonstrated track record of high productivity.

To receive full consideration, please apply by April 15th, 2008. Submit research proposal (less than 10 pages); letter outlining special interest in the position, qualifications, experience and career goals; CV and names and addresses of three professional references to:

Pr. Christine Petit
cepelt@pasteur.fr
Department of Neuroscience
Institut Pasteur, 25 rue du Dr. Roux,
75724 Paris cedex 15, France
Professor (or Associate Professor) and Director, Centre for Human Anatomy Education

Monash University, Melbourne, Australia

Monash University is seeking an outstanding anatomy educator with a distinguished record of research to be the Director of the Centre for Human Anatomy Education.

The director will provide leadership within the Faculty of Medicine, Nursing and Health Sciences in all aspects of anatomy education. The faculty currently teaches anatomy in the medical, physiotherapy, biomedical, radiography, behavioural neuroscience and science degrees. The appointee will also be expected to establish a successful research program.

Appointment will be on a continuing basis and will be made at a level appropriate to the successful candidate’s qualifications and experience.

Remuneration: professorial salary (currently) $A128,856, associate professorial salary (currently) $A100,034 – $A110,203 per annum, plus generous superannuation. A clinical loading will be paid to a suitably qualified appointee. Relocation travel, removal allowance and salary packaging are available.

Selection documentation may be accessed electronically on the world wide web: www.adm.monash.edu/human-resources/employment/senior

Confidential enquiries regarding the position may be made with Professor John Bertram, Head, Department of Anatomy and Developmental Biology telephone: +61 3 9905 2636, facsimile +61 3 9905 2462 or by email: john.bertram@med.monash.edu.au

Applications should reach Ms Bronwen Meredith, Senior Academic Appointments, Monash University, Victoria 3800, Australia, or by email to bronwen.meredith@adm.monash.edu.au no later than 28 March 2008.

Enquiries regarding the application process may be directed to Ms Meredith by email or telephone +61 3 9905 6193.

The University reserves the right to appoint by invitation.

Monash respects the privacy of your personal information. For more details visit www.privacy.monash.edu

An Equal Opportunity Employer
EOWA Employer of Choice for Women

We are the largest interdisciplinary research centre in Europe and work in the following research fields: Energy, Information, Life, and Environment.

Within the „Jülich Aachen Research Alliance“ (JARA), a collaboration in the field of molecular magnetism has been established, where several physics institutes, in particular the institutes for „Electronic Properties“, for „Quantum Theory of Matter“ and „Scattering Methods“ of the Institute for Solid State Research are collaborating in an interdisciplinary manner with the Institute for Anorganic Chemistry of the RWTH Aachen. For this research field, we are seeking for our Institute of Solid State Research (IFF) a

PHYSICIST (PostDoc) or PHYSICAL CHEMIST (PostDoc), in Materials Science
– code 017/2008 –

• Optimisation of magnetic interaction parameters in two dimensional networks of molecular magnets on substrate surfaces also with possible future applications in quantum information technology
• besides the microscopic characterisation, the focus will be on modern scattering methods at neutron and synchrotron x-ray sources, such as polarised neutron scattering under grazing incidence or resonant x-ray scattering in the frame of the „Jülich Centre for Neutron Science“ JCNS.

We expect from you:

We are particularly interested in highly motivated candidates, which can work well in a team and have an excellent knowledge of solid state physics or –chemistry. We expect mobility, in particular the willingness to perform experiments at various large scale facilities and a sound knowledge of English. We would welcome experience in the field of magnetism as well as working experience in scattering methods (neutron and synchrotron x-ray scattering).

Initially, a fixed term contract for three years will be offered.

Equal opportunities is an important cornerstone of our staff policy at Research Centre Jülich, for which we have been awarded the „TOTAL E-QUALITY“ award. Applications from women are therefore particularly welcome. Applications from disabled persons are welcomed.

Salary and social benefits will conform to the provisions of the Collective Agreement for the Civil Service (TVöD).

Please send your application, giving the reference code to:

Forschungszentrum Jülich GmbH
Geschäftsbereich Personal
– Personalentwicklung –
52425 Jülich
Telefon: 02461 61-5358

Further Informationen at:
www.fz-juelich.de
The Helga Otto Haub School and William D. Ruckelshaus Institute of Environment and Natural Resources is a program that brings multiple academic disciplines and diverse stakeholders together to address complex issues related to the environment and natural resources (ENR) in the Rocky Mountain west. The University of Wyoming is seeking a leader to guide the School and Institute and build upon its reputation as a leading interdisciplinary center addressing critical ENR issues and offering innovative undergraduate and graduate education. For more information about the Haub School and Ruckelshaus Institute of Environment and Natural Resources, please visit http://www.uwyo.edu/enr.

The Director will report to the Vice President for Academic Affairs. We seek an energetic leader with proven intellectual and administrative skills who will work with the faculty in contributing academic units and advance the stature of the Haub School and Ruckelshaus Institute as one of the world’s top institutions in ENR issues. The Director must represent the School and Institute effectively to the university administration, the Ruckelshaus Institute advisory board, external constituents concerned with ENR issues, state and national political leadership, and to the public.

Preferred qualifications include: (1) an earned doctorate, or a combination of education and experience appropriate for a tenurable appointment in any of ENR’s cooperating disciplinary departments; (2) an internationally recognized record of teaching and research in environment and natural resources; (3) administrative experience that demonstrates vision, managerial ability, and communication skills; (4) the creative leadership needed to create synergy with other university programs and with outside interests; (5) sensitivity to the ENR issues confronting the Rocky Mountain West; and (6) a commitment to integrating academics, research excellence, effective outreach, and constructive collaborative engagement of multiple stakeholder interests.

Applications should include a letter describing the applicant’s qualifications and experience related to the position. Applicants should also include a curriculum vitae. For finalists, the search committee will ask for the names and addresses of three references. Review of applications will begin in April 7, 2008, but applications will be accepted until the position is filled. Please send applications and nominations to: Dr. Frank Galey, Chair, ENR Director Search: c/o Wilma Varga, Office of the Vice President for Academic Affairs, University of Wyoming, 1000 E. University Ave., Dept. 3302, Laramie, WY 82071. Email submissions are welcome to: wilmav@uwyo.edu.

The University of Wyoming is an Equal Opportunity - Affirmative Action Employer with an institutional commitment to diversity. We encourage women and members of under-represented groups to apply.
The Human Genetics Initiative (http://www.ohsu.edu/hgi/about.cfm) and the Department of Molecular and Medical Genetics at the Oregon Health and Science University (OHSU) invite applications for the position of Assistant or Associate Professor in Statistical Genetics. This is an applied research position with focus on human genetics and disease. Areas of major interest include the development of applied statistical methods, study design and data analysis for genome-wide linkage and association studies; methods for detecting gene-gene and gene-environment interactions; human population genetics; genetic epidemiology; and genetic analysis of quantitative traits. Excellent teaching skills are required and advising and mentoring of graduate students is expected. The ability to generate external funding is essential.

Faculty rank and salary will be commensurate with qualifications and experience. An excellent start-up package will be provided. Applicants must be committed to both research and teaching excellence and should be motivated to collaborate with other faculty.

Applicant should email (PDF preferred):
  • complete CV
  • statement of research and teaching interests
  • three letters of reference

Inquiries should be addressed to Dr. Patricia Kramer, Chair, Statistical Genetics Search Committee, c/o Elaine Rowzee; e-mail: rowzee@ohsu.edu. Application review will begin immediately, and the position will remain open until filled.

OHSU, an Equal Opportunity/Affirmative Action Employer, encourages culturally diverse faculty and invites applications from female and minority candidates.

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The Cluster of Excellence
Smart Interfaces – Understanding and Designing Fluid Boundaries
at the Technische Universität Darmstadt invites applications for a

W3-Professorship (full time) for Computational Methods affiliated with the Department of Chemistry (Ref. No. 22)

This Cluster of Excellence has been recently founded at the Technische Universität Darmstadt as part of the Excellence Initiative of the federal government of Germany. It combines research on fluid boundaries from the Departments of Chemistry, Physics, Materials Science, Mathematics and Mechanical Engineering as well as several external research institutions. The research profile of the professorship encompasses (i) the development of novel simulation methods and mathematically/physical models and (ii) their application in the area of surfaces, interfaces and boundaries. A research methodology is favored, which integrates the nanoscopic molecular simulation methods with macroscopic continuum descriptions, such as the finite element method. These multi-scale modeling approaches may involve both horizontal coupling (hybrid methods) and vertical coupling (parameter inheritance) of models.

The successful candidate
  • has developed an internationally visible research profile.
  • has shown his/her ability to actively drive collaborations and pursue them across boundaries between traditional disciplines and between academia and industry.
  • is committed to establishing a vigorous research program in close collaboration with the Principle Investigators of the Center of Smart Interfaces and with other departments at the Technische Universität Darmstadt.
  • is experienced and successful in supervising graduate students and post-docs.

The candidate will teach, at a reduced load, in the Department of Chemistry. It is expected that after 2 years the candidate will be able to teach in German. For further information regarding this position, you are invited to contact the chairman of the search committee, Prof. Dr. Florian Müller-Plathe, +49-6151-16 65 24, f.mueller-plathe@theo.chemie.tu-darmstadt.de.

The position is tenured with a remuneration package commensurate with experience and qualifications, following the German “W-Besoldung” category. The regulations for employment are specified under §§ 70 and 71 HHG (Hessisches Hochschulgesetz). Candidates who hold a public servant status (Beamtenverhältnis) can be reappointed under the same status. The Technische Universität Darmstadt is an equal opportunity employer. The Technische Universität Darmstadt has the goal to enhance the percentage of women where they are underrepresented. Women, therefore, are especially encouraged to apply. Eligible disabled persons will be given priority. Interested candidates should submit a curriculum vitae, a statement of research plan, a list of previously taught courses, a list of past and present research grants/projects and contact information for two references to: Director of the Center of Smart Interfaces, Prof. Dr.-Ing. Cameron Tropea, Petersenstr. 30, 64287 Darmstadt, ctropea@sla.tu-darmstadt.de

Electronic submissions are welcome. Further information about the Center of Smart Interfaces can be found at www.csi.tu-darmstadt.de. To ensure full consideration, all information should be received by March 31st, 2008.

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The Center for Molecular and Mitochondrial Medicine and Genetics (MAMMAG) at the University of California, Irvine (UC Irvine) is recruiting two tenure-track Assistant Professors, each under the combined auspices of the UC Irvine Schools of Medicine and Biological Sciences. These faculty positions are designated for doctoral level biomedical scientists, physicians and physician-scientists with a strong interest in the genetics and pathophysiology of diabetes and metabolic disease, from the perspectives of mitochondrial medicine and stem cell biology. The successful candidate must be committed to: developing and sustaining a strong extramural funded biomedical research program for fundamental and translational research, supporting clinical service, and participating in the educational mission of the university. This position supports the needs and objectives of the Program in Medical Education for the Latino Community (PRIME-LC). Responsibilities to PRIME-LC include teaching, mentoring students, and service on administrative committees.

MAMMAG was founded at UC Irvine in 2002 to foster translational research through application of the paradigms of mitochondrial medicine and the tools of stem cell biology. UC Irvine is known for its strong biomedical research programs and has a unique on-campus housing program to provide affordable housing.

Interested applicants should send their curriculum vitae and names of three personal references to: The MAMMAG PRIME-LC Search Committee, Douglas C. Wallace, Ph.D., Chair, Center for Molecular and Mitochondrial Medicine and Genetics, 2014 Hewitt Hall, University of California, Irvine, Irvine, CA 92697-3940; E-mail: mmagg@uci.edu; Phone: 949-824-3490; Fax: 949-824-6388.

UC Irvine is an Equal Opportunity Employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women and minorities.
Take your next career step.

Your career is our cause

- Thousands of job postings
- Career advice from experts
- Funding information
- Resume/CV Database
- Career Forum
- Much more

www.ScienceCareers.org
The Division of Investigative Oversight (DIO) within the Office of Research Integrity (ORI) is seeking an experienced scientist or physician with research/clinical experience to serve under the Director, DIO, as an Investigator/Scientist. DIO’s primary task is to conduct oversight reviews of institutional investigations of research misconduct. Applicants should be experienced in running a research program, supervising students and postdoctoral fellows, successfully competing for Federal extramural or intramural funds, and preparing peer reviewing manuscripts and grant applications. Applications with a broad range of experience and scientific interests are preferable because of the wide range of topics that ORI deals with. Good oral and written communication skills are essential.

Please apply online at and go to job announcement HHS-OS-2008-0224. Applications must be received by approximately March 28, 2008. If you need assistance, contact the Rockville, MD, HelpDesk at 888-478-4240 (7:30 am - 4:00 M-F) or quickquestions@psc.gov (TTY/TDD: 800-877-8339). The position is at the GS-14 level ($98,033-$127,442), with the actual salary commensurate with experience. You may also reach John Dahlberg, Director of DIO at 240-453-8800, John.Dahlberg@hhs.gov for more information. This position offers full benefits including retirement, health insurance, life and long-term health care insurance, and thrift-saving plan participation (matched up to 5% of your salary).

Selection will be based on merit and without consideration for race, color, religion, sex, national origin, politics, marital status, sexual orientation, physical handicap, or membership or non-membership in an employee organization.

The University of Texas Health Science Center
San Antonio, Texas

Dean, Graduate School of Biomedical Sciences

The University of Texas Health Science Center at San Antonio is looking for a dynamic leader who will assume the position of Dean, Graduate School of Biomedical Sciences. This individual is the chief advocate and spokesperson for the Graduate School which includes seven departments with current extramural funding in excess of $44 million. The position reports to the President of the University.

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

The successful candidate will hold a PhD or MD/PhD, be a highly competitive scientist or clinical scientist with national and/or international recognition reputation. The candidate should have experience leading MD/PhD programs and familiarity with preclinical medical and dental education. He/she will be a scholar who has strong research experience and who is, or who has been, actively engaged in educating students and appreciates and professes the value of education. In addition, this individual should have a track record of success in recruiting high caliber individuals to institutions to which he/she has been affiliated and a track record of success in seeking funds from external sources.

Nominations and CV’s may be sent to UTHSCSA’s search consultants, Marvene Eastham and Ryan Hubbs, at UTBioMed@wittkieffer.com. Items that cannot be emailed may be sent to 10375 Richmond Ave, Suite 1625, Houston, TX 77042. We may be reached confidentially at 713/266.6779 (p) or 713/266.8133 (f).

The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity/Affirmative Action Employer. All faculty appointments are designated as Security-sensitive positions.
**ANIMAL MOLECULAR GENETICIST**  
*University of Nebraska*

The University of Nebraska-Lincoln is seeking candidates for an Animal Molecular Geneticist/ASSISTANT PROFESSOR. This is a nine-month, tenure-track position (75 percent research, 25 percent teaching) in the Department of Animal Science. Research responsibilities include developing and conducting a research program in molecular genetics of animals. Possible areas include, but are not limited to, identification, function, and regulation of genes that comprise the genomics framework of economically important characteristics in farm animals and incorporation of DNA data in selection programs to improve quantitative traits. A successful candidate will also: (1) be the leader in further developing and maintaining a research laboratory supporting molecular genetics; (2) develop and teach a graduate course that addresses applications of biotechnology in animal breeding and animal genetics; and (3) participate in teaching one or more undergraduate courses covering genetics, animal breeding, or applications of biotechnologies in animal genetics. For complete position announcements and to apply, go to website: http://employment.unl.edu. Search for requisition #080127. Complete the Faculty Academic Administrative Information form. Attach a letter of application, curriculum vitae, and contact information for references. Review of applications will begin on June 1, 2008, and continue until the position is filled or closed. The University of Nebraska is committed to a pluralistic campus community through Affirmative Action and Equal Opportunity and is responsive to the needs of dual-career couples. Women and minorities encouraged to apply. We assure reasonable accommodation under the Americans with Disabilities Act. Contact Dr. Sheila Scheideler at 402-472-3571 for assistance.

**ELECTROPHYSIOLOGY RESEARCH ASSOCIATE**, Yale University. Position available for Ph.D., M.D., or M.D./Ph.D. PATCH CLAMP ELECTROPHYSIOLOGIST to join multidisciplinary research group studying roles of voltage-gated ion channels, especially sodium channels, in neurological disorders including neuropathic pain (see recent review by J. S. Waxman et al., *Trends in Neurosciences* 11:555–63, 2007). Extensive experience and prior publications with patch clamp analysis of voltage-gated channels, preferably via voltage-clamp and current-clamp, are essential. Good communicative skills and ability to collaborate effectively as a member of a team are also required. Excellent opportunity for professional growth in highly collaborative, multidisciplinary team at Yale University. Send curriculum vitae, statement of interest, and three letters of reference to: Stephen G. Waxman, M.D., Ph.D., Chair, Department of Neurology, LCI 708, Yale University School of Medicine, P.O. Box 208018, New Haven, CT 06520-8018. Qualified women and members of underrepresented minority groups are encouraged to apply. Affirmative Action and Equal Opportunity Employer.

**Nephrology Research Fellowship**  
The Division of Nephrology/Hypertension at the Texas A&M College of Medicine/Scott and White Memorial Hospital is accepting applications for a Research Nephrology Fellowship. It is preferred that the applicant will have completed or is in the process of completing a clinical nephrology/hypertension fellowship, but applicants in earlier stages of training will be considered. The Laboratory is primarily interested in the renal and salt and water etiologic factors involved in the pathogenesis of volume expansion-mediated hypertension. Duties will include animal experimentation and collaboration with cell and molecular biology laboratories representing translational aspects of the basic science discoveries. Experience with investigational techniques is preferred but not required. Interested candidates should send curriculum vitae along with the names and contact information of at least two references to: Jules B. Puschett, M.D., Professor of Medicine, Texas A&M College of Medicine/Scott and White, 2401 S. 31st Street, Temple, TX 76508. E-mail: jpuschett@swmail.sw.org. The Institutions are Equal Opportunity Employers.

**POSTDOCTORAL POSITION**  
*Cold Spring Harbor Laboratory*

We are looking for an adventurous and highly motivated graduate student who is interested in cancer research and wishes to do creative and groundbreaking work in the emerging field of functional mammalian genetics using genomewide RNAi library screening. The project will employ in vitro and in vivo screens to identify novel functionally important genes and pathways in cancer. Please send curriculum vitae and arrange for two to three letters of reference to be sent to: Scott Powers, Ph.D., Cold Spring Harbor Laboratory 1 Bungtown Road Cold Spring Harbor, NY 11724 E-mail: powers@cshl.edu Equal Opportunity Employer.
3rd MAYO CLINIC ANGIogenesis SYMPOSIum:
State of the Art Connections From Biology to Translational Medicine
Sponsored in part by the Department of Biochemistry and Molecular Biology, Cancer Cell Biology Program, and the Department of Medicine, Mayo Clinic
October 24-26, 2008 - Rochester, Minnesota
In Memory of Dr. Judah Folkman

Save the Date!
Registration Open Soon!

Program Directors
Debabrata Mukhopadhyay, Ph.D., Mayo Clinic
Philip Greipp, M.D., Mayo Clinic

Program Co-Chairpersons
David Cheresh, Ph.D., Moores UCSD Cancer Center
Raghu Kalluri, M.D., Harvard Medical School
Neil Kay, M.D., Mayo Clinic
Mark Pittelkow, M.D., Mayo Clinic
Thomas Witzig, M.D., Mayo Clinic

World-Renowned Speakers!
Kari Alitalo, M.D., Ph.D.
Jack Arbiser, M.D., Ph.D.
Laura Benjamin, Ph.D.
David Cheresh, Ph.D.
Lena Claesson-Welsh, Ph.D.
Michael Detmar, M.D.
Harold Dvorak, M.D.
Napoleone Ferrara, M.D.
Abhijit Guha, MSc., M.D.
Suyun Huang, M.D., Ph.D.
M. Luisa Iruela-Arispe, Ph.D.
Michael Klagsbrun, Ph.D.
Gopal Kundra, Ph.D.
Jack Lawler, Ph.D.
Donald McDonald, M.D., Ph.D.
Vivek Mittal, Ph.D.
Ulhas Naik, Ph.D.
Ramani Ramchandran, Ph.D.
Michael Simons, M.D.
Mihaela Skobe, Ph.D.
Keping Xie, M.D., Ph.D.
and More...

Hot Topics: Angiogenesis, Vascular Biology, and Anti-Angiogenic Therapies in Different Tumors Including Hem-Malignancies and Myeloma
Research AND Clinical Perspectives in ONE meeting!
Reasonable Fees!
Young Investigator Travel Awards and Recognition!

Abstract Deadline: August 29, 2008
For more information contact: angiogenesis@mayo.edu or call Denise Lees at 507-284-4070.
POSTDOCTORAL POSITIONS

Molecular Biology of Prostaglandin Synthesis
St. Joseph’s Hospital, Phoenix, Arizona, U.S.A.
Available immediately is a Postdoctoral Fellow/Research Associate position to study lipid mediators of fever and hyperthermia in system. Familiarization in rats and mice (see Public Library of Science Biol. 4:e284, 2006). Proficiency in molecular biology techniques is required. Additional experience in neuroanatomy or immunohistochemistry is preferred. Knowledge of prostaglandin synthesis pathways is desired. The position is in a productive, well-funded integrative physiology laboratory. Advanced technical help with animal work will be provided. Participation in other projects to study neuroanatomy or immunohistochemistry is available (Public Library of Science ONE 1:e7, 2006) or in vivo role of transient receptor potential channels in thermoregulation (J. Neurosci. 27:7459, 2007) will be possible. Mandatory requirements include an advanced degree, a track record of peer-reviewed publications, excellent computer skills, and good writing skills. To apply, send your curriculum vitae, up to five reprints of full-length papers, a brief description of research interests and career goals, and names, e-mail addresses, and telephone numbers of at least two references to: Andrej A. Romanovsky, M.D., Ph.D., Director, Systemic Inflammation Laboratory, St. Joseph’s Hospital, 350 W. Thomas Road, Phoenix, AZ 85013 U.S.A. E-mail: aromanov@chw.edu.

POSTDOCTORAL POSITIONS

DNA Chips and Infectious Diseases
Positions available as part of a Weill Cornell Medical College Collaborative Project funded by the National Institute of Allergy and Infectious Diseases for development of comprehensive DNA chip, capillary array, assays to distinguish bacterial, protozoan, and viral and waterborne pathogens from common pathogens employing high throughput screening platforms using microbial signature profiles as well as identifying human susceptibility or resistance single nucleotide polymorphisms. Applicants should have a Ph.D. or M.D. with substantial research experience, preferably in infectious diseases, molecular biology, genomics, bioinformatics, DNA arrays, liquid-handling robotics, and/or automation in DNA and PCR technology. Competitive salary commensurate with experience. Send names of three references and curriculum vitae to: Dr. Linne Gholghey, Division of International Medicine and Infectious Diseases, Room A421, Weill Cornell Medical College, 1300 York Avenue, New York, NY 10065. Fax: 212-746-3766. E-mail: lgholghey@med.cornell.edu. Or send to: Prof. Francis Barany, Program Director, Department of Microbiology, P.O. Box 62, Weill Cornell Medical College, 1300 York Avenue, New York, NY 10065. Fax: 212-746-7983; e-mail: barany@med.cornell.edu. Equal Opportunity Employer.

POSTDOCTORAL POSITIONS

in retinal vascular biology available to M.D. or Ph.D. to study neovascularization, immunology, lipid biology, and molecular biology relevant to clinical problems. The laboratory of Dr. Lois Smith is in the new research building at Children’s Hospital, Boston, and Harvard Medical School. Experience in molecular biology, histology, bioinformatics, and mouse surgery is preferable. Send curriculum vitae and three references to e-mail: lois.smith@ch.harvard.edu.

POSTDOCTORAL POSITIONS

available at the Fox Chase Cancer Center in historic Philadelphia. Our laboratory utilizes biophysical techniques like X-ray and neutron scattering to study protein structure and dynamics. Ideal candidates should have a strong background in structural biology, molecular biophysics, and biochemistry. Further information available at website: http://www.fccc.edu/research/pid/bu/. Applications by e-mail: zimeili.fu@fccc.edu.

SABBATICAL REPLACEMENT POSITION

in biology
Dickinson College
The Department of Biology at Dickinson College seeks applicants for a one-year sabbatical replacement position to begin July 1, 2008. The successful candidate should have completed the Ph.D. degree by fall 2008 and should have demonstrated a high potential for excellence in undergraduate teaching. Teaching responsibilities include microbiology, a laboratory in a topical introductory course on cancer biology or microbiology/immunology, and one of the following courses, depending on expertise: virology, immunology, or genetics. Review of applications will begin on March 14, 2008. To apply, send letter of application, curriculum vitae, statements of teaching philosophy and research interests, and three letters of reference to: Dr. Anthony Pires, Chair, Department of Biology, Dickinson College, P.O. Box 1773, Carlisle, PA 17013.

POSTDOCTORAL POSITIONS

available to study unculturable bacteria and bacterial consortia (Dr. Annette Bollmann), photobiology of extremophiles (Dr. Rachael Morgan-Kiss), or iron acquisition in bacterial pathogens (Dr. Luis Actis). Applicants should possess doctoral degrees in microbiology, molecular biology, or closely related discipline. Send applications including curriculum vitae and three letters of recommendation directly to the professor of interest at: Department of Microbiology, Miami University, Oxford, OH 45056 U.S.A. Screening of applications will begin on March 1, 2008, and continue until positions are filled. Details of research areas and information on the University and Oxford area are at website: http://www.miami.edu/.

POSTDOCTORAL POSITION

available to conduct research in the area of mammalian cell cycle regulation. The work involves modeling molecular regulatory pathways using nonlinear ordinary differential equations. Candidates must have a Ph.D. degree, experience in mathematical modeling, working knowledge of nonlinear dynamics as well as cell physiology and molecular biology, and an interest in applying models to problems in the molecular biology of cancer. Interested applicants must apply online at website: http://www.jobs.vt.edu for posting #081207. Complete the faculty application and attach a list of three references, a resume/curriculum vitae, and a cover letter. Review of applications will begin on March 9, 2008. Virginia Tech is an Equal Opportunity/Affirmative Action Institution.

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