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AAAS is here.
The Department of Pediatrics at the University of California, San Diego and Rady Children’s Hospital of San Diego are recruiting a senior physician-scientist to be the Director of the newly created Pediatric Diabetes Research Center (PDRC). The academic series will be determined based on the background and qualifications of the successful candidate, and will include the tenure series. The faculty currently includes seven scientists and/or physicianscientists with a variety of interests in basic research in type 1 diabetes, all of whom are receiving extramural funding. This is complemented with a strong clinical component provided by the Division of Pediatric Endocrinology which includes nine fellowship members and an Accreditation Council for Graduate Medical Education–approved fellowship program with three fellows. This program operates a busy diabetic service at the Rady Children’s Hospital of San Diego, a 220-bed facility that serves as a major regional tertiary care hospital for children and is the major teaching facility for the Department of Pediatrics of the UCSD School of Medicine.

The ideal candidate will have expertise in fostering scientific excellence while developing an integrated program that will bridge the gap between basic science and clinical medicine. Although responsibility for clinical care is not mandatory, an appreciation of the impact of type 1 diabetes on an individual is essential. The position carries with it an Endowed Chair. Please electronically send curriculum vitae to Kenneth Lyons Jones, M.D., Chair of the Search Committee, e-mail: klyons@ucsd.edu, or by surface mail to: 9500 Gilman Drive, La Jolla, CA 92039-0828. Applications will be considered until April 30, 2010, or until a final applicant has been selected. UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment of excellence through diversity. POSTDOCTORAL FELLOWSHIP Molecular Biology Research and Teaching

The Department of Biology at Villanova University invites applications for a Postdoctoral Fellowship (50 percent teaching, 50 percent research) in molecular biology, starting August 2010. One-year position, renewable for up to two years. Positions are ideal for establishing credentials in research and teaching; critical in applications to many graduate and undergraduate tenure-track positions. Teaching assignments include a methods course in molecular techniques/research and a molecular biology course in area of specialization or a team-taught assignment in molecular biology. Specific research area is open, and several opportunities for collaboration with faculty in the Department exist (see website: http://www.biology.villanova.edu). A Ph.D. is required. Applicants must apply online at https://jobs.villanova.edu. The online application should include a letter of application, curriculum vitae, and statements of teaching and research philosophy. Please mail undergraduate and graduate transcripts and have three letters of recommendation sent to: Postdoctoral Search Committee, Department of Biology, Villanova University, 800 Lancaster Avenue, Villanova, PA 19085-1699. Review of applications begins March 15, 2010, and will continue until the position is filled. Villanova is a Roman Catholic university and an Affirmative Action/Equal Employment Opportunity Employer.

CLIMATE ANALYSIS/PREDICTION SCIENTIST, Experience required to work in Greenbelt, Maryland. For immediate consideration, submit your resume at website: http://www.saic.com/career, reference job code 164687. At SAIC, the Fortune 500 scientific, engineering, and research company is applications company that is working to solve problems of vital importance to the nation and the world. Consider joining the ranks of SAIC’s 45,000 employees who are committed to success and innovation. Applications are invited for a tenure-track ASSTANT PROFESSOR faculty position in the Biochemistry and Cell Biology Department of Rice University. We seek an outstanding scientist with expertise in broad areas of experimental and/or theoretical biological research, with particular emphasis in cell, developmental, and/or cancer biology. Candidates using interdisciplinary approaches and/or model organisms are especially encouraged to apply. Candidates must have a Ph.D., postdoctoral training, and outstanding research potential. Successful candidates are expected to develop and maintain a vigorous research program supported by extramural funding and to participate in graduate and undergraduate education. Review of applications will commence March 1, 2010, and continue until the position is filled.

Please compile a PDF containing a cover letter, curriculum vitae, summary of past research, and statement of future research plans. Please send electronically to e-mail: bcbssearch@rice.edu. Also, please arrange for four letters of reference to be sent to the same e-mail address.

Rice University is an Equal Opportunity/Affirmative Action Employer; women and minority candidates are especially encouraged to apply.

ASSISTANT/ASSOCIATE PROFESSOR of TOXICOLOGY
University of Connecticut, Storrs, CT

The Department of Pharmaceutical Sciences at the University of Connecticut, School of Pharmacy, invites applications for a tenure-track faculty position in neurotoxicology at the Assistant or Associate Professor level, starting August 23, 2010. We are seeking a toxicologist with a strong background in research and teaching with a focus on the toxic effects of xenobiotics on the central and/or peripheral nervous system and/or developmental neurotoxicology. This will complement the interests of the faculty in the Department of Pharmaceutical Sciences, which includes an integrated approach to elucidate mechanisms of drug or toxicant action, drug discovery and design, and pharmaceutical technology. The Department is housed in a new 200,000 square foot state-of-the-art building in the science quad of the University of Connecticut and encourages faculty interdisciplinary interactions with other programs of the University such as Physiology, Neurobiology and the Molecular and Cell Biology Program. The successful candidate is expected to develop a strong, extramurally funded research program and to effectively participate in teaching at the graduate and professional levels. A competitive salary along with startup funds will be provided. Qualifications: Applicants must possess a Ph.D. degree or equivalent, strong oral and written communication skills, and a strong background in research and teaching with a focus on the toxic effects of xenobiotics on the central and/or peripheral nervous system and/or developmental neurotoxicology. Applicants should submit curriculum vitae, a brief statement of research and teaching interests, and names and full addresses of three references. We would prefer to receive your application electronically at e-mail: lebel@uconn.edu or by surface mail sent to: Leslie LeBel, University of Connecticut, School of Pharmacy, Department of Pharmaceutical Sciences, 69 North Eagleville Road, Unit 3092, Storrs, CT 06269-3092. Review of applications will start on April 16, 2010, and will continue until the position is filled. In keeping with our commitment to build a culturally diverse community, the University of Connecticut invites applications from women, people with disabilities, and members of minority groups.
The Medical Faculty of Ulm University invites applications for the position of a

Professorship in Immunology W3 (Head of the Institute)

We are seeking a candidate with an outstanding international research record in the field of molecular immunology. Teaching experience as well as excellent third party funding are also required. The successful candidate should cooperate with research centres of the Medical Faculty and University (among others DFG-funded Collaborative Research Centres, Clinical Research Units, Max-Planck-Research Group) and should interact with institutions of the University Hospital. In addition, we expect the candidate to actively participate in the development of novel interdisciplinary research centres/units.

Ulm University and its University Hospital are certified in a family program and offer a dual career service program.

Ulm University aims to increase the number of women among the faculty staff and therefore explicitly encourages the application of female scientists.

Applications including the application form, a full CV, a complete list of grants and publications and a summary of current research activities and objectives should be sent to (and received not later than March 15, 2010): Ulm University, Professor Dr. K.-M. Debatin, Dean of the Medical Faculty, D-89069 Ulm.

The University is an equal opportunity employer and handicapped applicants with equivalent qualifications will be given preference.
Whitacre Chair in Energy Science and Engineering

The Department of Chemical Engineering at Texas Tech University is actively seeking to fill the newly endowed Whitacre Chair in Sustainable Energy. Candidates for the position will be exceptional individuals whose research areas are aligned with the university goals of creating a strong multi departmental research base in Sustainable Energy at Texas Tech University. The selected individual will be an internationally recognized leader in his or her field as demonstrated by such metrics as the peer reviewed publication and citation records, national recognitions such as major awards or fellowships in technical societies, and a strong track record of competitive research funding. The Department of Chemical Engineering at Texas Tech University has embarked on building a nationally recognized research-intensive department with strengths in Polymers and Materials, Bioengineering and Biotechnology, Computational Chemical Engineering, and Process Systems and Engineering. The successful candidate is expected to expand the research portfolio of the department into Sustainable Energy. The position is an Endowed Chair at the level of Full Professor and incumbents will be expected to participate in research, service, and teaching at this level. It is anticipated that successful candidates will have very strong records of scholarship supported by extramural funding and that externally sponsored research will be brought to Texas Tech University.

Interested candidates should apply online at https://jobs.texastech.edu/. Please use requisition number 80764. Interested candidates should include a detailed CV, a research statement, and a list of five referees. For further information, please contact the search committee chair, Dr. Raghu Rengasamy at raghu.rengasamy@ttu.edu.

Texas Tech is an Equal Opportunity Employer.

ASSISTANT, ASSOCIATE, FULL PROFESSOR
(Bioinformatics)

Hunter College of The City University of New York invites applications for a tenure-track faculty position in bioinformatics and high performance computing with expertise in the development, adaptation and implementation of HPC algorithms applied to such data-intensive biological areas as (but not limited to) next-generation sequencing, biomedical ontologies, and systems biology. The successful candidate will be appointed to the doctoral faculty at the CUNY Graduate Center and will participate actively in Hunter’s NIH-funded Quantitative Biology (QuBi) Project.

The anticipated start date is Fall 2010. The appointment will be made in the Department of Computer Science or Biological Sciences depending on qualifications. Preference will be given to candidates with well-established strong records of peer-reviewed publications and external funding, but exceptional junior candidates will also be considered. Evaluation is ongoing and will continue until the position is filled.

Hunter’s computing and biomedical research community, is supported by extensive funding from NIH and NSF. Hunter College is strategically located in Manhattan near other major biomedical research centers and universities and attracts an engaging and diverse student body.

For information on how to apply, visit: http://www.hunter.cuny.edu/qubi/ Questions may be emailed to: bioinformatics@hunter.cuny.edu

The City University of New York
An Equal Employment Opportunity/Affirmative Action/Immigration Reform and Control Act/ Americans with Disabilities Act Employer

CLINICAL ASSISTANT PROFESSOR
OF BIOINFORMATICS

Department of Biology
ARTS AND SCIENCE

The Department of Biology at New York University invites applications for a Clinical Assistant Professor appointment to start September 1, 2010, pending budgetary and administrative approval. Responsibilities include developing and teaching a curriculum in bioinformatics, as well as coordinating the Department’s Academic Affairs portfolio. Teaching duties will include four course offerings annually (2 per semester) in addition to the above academic administrative responsibilities. Previous research, teaching and administrative experience is preferred. Successful candidates will have a PhD in Biology and/or Informatics as well as prior teaching experience. The Department of Biology (http://biology.as.nyu.edu) offers an outstanding and collegial research environment.

Candidates should submit a single PDF file containing a Cover Letter, CV, and Statement that outlines previous teaching experience to biology.informaticssearch@nyu.edu. The following address can be used for the cover letter: Dr. Gloria Coruzzi, Department of Biology, New York University, 1009 Silver Center, 100 Washington Square East, New York, NY 10003. Three PDF letters of reference should also be submitted separately to biology.informaticssearch@nyu.edu. Closing date for all materials is March 31, 2010.

YU is an Equal Opportunity/Affirmative Action Employer.
www.uva.nl/vacancies

The Faculty of Science of the University of Amsterdam attaches great importance to the contribution of female scientists in research and education. For this reason we are offering:

5 MacGillavry fellowships for women (tenure track) 0.8 – 1.0 FTE

in a concerted recruitment programme named after the ground breaking crystallographer Carolina MacGillavry, an UvA alumnus. We are looking for women who excel in one of the faculty’s disciplines and who aspire to a career as full professor at the University of Amsterdam. The fellowship comprises a tenure track, whereby the fellow starts as assistant professor (UD) in a temporary position, with the prospect of a permanent appointment as associate professor (UHD) as well as a subsequent career path leading to a full professorship. Depending on the fellow’s qualifications, entrance at a higher level is also possible.

We offer among other things a suitable start-up package, and assistance in finding a job for your partner, child care and accommodation. Fellows can also count on excellent guidance.

University of Amsterdam

The scientific disciplines of the Faculty are:
- Biological Science and Biomedical Science
- Earth Sciences (Physical Geography)
- Informatics and Logic
- Physics
- Chemistry
- Astronomy
- Mathematics and Statistics

More information:
At the website www.science.uva.nl/mgf
At the website www.uva.nl/vacancies
(subject: MacGillavry fellowship)

Acquisition will not be appreciated.

INDEPENDENT RESEARCH FELLOWSHIPS

The John Innes Centre (JIC), Norwich, UK is a world leading centre of excellence in plant and microbial sciences based on the Norwich Research Park. We are inviting applications from outstanding researchers who either hold, or wish to apply for Independent Research Fellowships, to attend a Conference at the JIC on 7th June 2010. At the meeting you will have an opportunity to present your proposed area of research and to discuss your proposal, the development of your group and your future career plans in depth with senior JIC Scientists.

After the Conference we will select and mentor outstanding candidates in writing Fellowship applications and/or offer the opportunity to move existing Fellowships to the JIC.

Further details and particulars can be found at http://www.jic.ac.uk/corporate/opportunities/vacancies/fellows.htm

Please e-mail a 2-page summary of your research plan, a copy of your CV and arrange for three letters of recommendation to be emailed to dawn.barrett@bbsrc.ac.uk by Friday 23rd April 2010.

The John Innes Centre is a registered charity (No223852)grant-aided by the Biotechnology and Biological Sciences Research Council and is an Equal Opportunities Employer.

FACULTY POSITION IN CANCER RESEARCH

The University of Texas M.D. Anderson Cancer Center, Science Park – Research Division is entering into a new recruitment phase. Applications are being accepted for a tenure-track position at the Assistant Professor level from individuals with postdoctoral or independent research experience and strong publication records. Research at Science Park focuses on cellular and molecular mechanisms of carcinogenesis and cancer prevention. For this position, we seek applicants working in the general areas of molecular and genetic mechanisms of carcinogenesis, including genetic susceptibility, epigenetic reprogramming, genomic instability, inflammation/immune responses, signal transduction, transcriptional regulation and cancer stem cells. Applications are welcomed from individuals utilizing novel molecular, cellular or animal model systems focused on mechanism-based cancer research. Preference will be given to candidates interested in working in a highly collaborative, interdisciplinary environment. MD Anderson provides an outstanding research environment, and offers a highly competitive recruitment package. The successful candidate will be expected to develop and maintain a world-class externally funded research program and to participate in graduate training programs. Required qualifications include a Ph.D. (or equivalent) and demonstrated scholarly research experience.

Interested candidates should submit a statement of research interests and their CV to the Email address below. Applicants should also request that 3 letters of recommendation be sent to: Mark T. Bedford, Chair of the Search Committee, at: mbedford@mdanderson.org. The application deadline: May 1st, 2010. Information about Science Park can be found at: http://sciencepark.mdanderson.org/

The University of Texas 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 security sensitive and subject to examination of criminal history record information. Smoke-free and drug-free environment.
The Medical Faculty of the University of Heidelberg jointly with the German Cancer Research Center (DKFZ) invites applications for the following position:

**Full Professorship (W3) for Molecular Oncology of Gastrointestinal Tumours**  
**K. H. Bauer Endowed Professorship**

The successful candidate will be appointed as Director of a research division at the German Cancer Research Center (DKFZ), as well as the Head of the Section of Pancreas Carcinoma Research at the Clinic for General, Visceral and Transplantation Surgery.

We encourage candidates with an excellent international scientific reputation in the field of gastrointestinal oncology. Experience in the translation of excellent basic research into clinical applications would be welcome. The broad range of responsibilities also requires an interdisciplinary research focus and the willingness to participate in already existing or future joint research projects between the German Cancer Research Center (DKFZ), the National Center of Tumor Diseases (NCT) and the Surgical University Hospital Heidelberg.

Candidates for this position are required to hold a habilitation (postdoctoral lecture qualification) or equivalent scientific qualification, several years of experience in the mentoring of research groups and in both procurement and implementation of external funds.

Further conditions of employment are set down in §§ 47 and 48, section 3, line 4 of the Baden-Württemberg federal-state law on higher education (Landeshochschulgesetz). The professorship is a tenured position. The departments at the DKFZ as well as the sections at the University Clinical Center (Universitätsklinikum) undergo regular evaluations.

Heidelberg University and DKFZ are striving to promote gender equality by increasing the number of women among the scientific personnel. Qualified women are especially encouraged to apply. Among equally qualified applicants, severely disabled persons will be given preference.

Applications should be submitted within four weeks after publication to the Dean of the Medical Faculty Heidelberg, Prof. Dr. C. R. Bartram, Im Neuenheimer Feld 672, 69120 Heidelberg and an extra copy to the Director of the German Cancer Research Center, Prof. Dr. O. D. Wiestler, Im Neuenheimer Feld 280, 69120 Heidelberg, Germany. Application documents should be compiled according to the criteria which can be obtained from: dekanat@med.uni-heidelberg.de

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**DEPARTMENT OF NEUROLOGICAL SURGERY & McKNIGHT BRAIN INSTITUTE ASSISTANT/ASSOCIATE PROFESSOR**

The Department of Neurological Surgery, College of Medicine, University of Florida and the McKnight Brain Institute are seeking a PhD and/or MD for a tenure track position at the Assistant/Associate or full Professor level for its Neuro-Oncology Research Program. Candidates should have significant expertise in brain tumor research in such areas as angiogenesis, cell cycle control, cell signaling, immune-tumor cell interactions, molecular genetics, tumor imaging or other approaches to novel brain tumor treatments. The successful candidate will join an expanding multi-disciplinary neuro-oncology group. A commitment to the education of professional and graduate students is expected. Salary will be commensurate with experience, academic qualifications and publication record. Anticipated start date: January 1, 2011.

Interested applicants should apply online at https://jobs.ufl.edu no later than June 30, 2010. Refer to requisition #0803952.

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**Faculty Positions in Synaptic Mechanisms and Optogenetic Circuit Mapping**

The Korea Institute of Science and Technology (KIST) invites applications for faculty positions in its new Center for Functional Connectomics (CFC). The CFC is funded by the World Class Institute Program, which is designed to recruit foreign scientists to enrich the scientific environment of Korea. The CFC will consist of 12 resident laboratories as well as a network of collaborating labs throughout the world. Research in the CFC will focus on molecular mechanisms of synaptic transmission and the use of optogenetic technologies to study brain circuitry. We are recruiting scientists who work in these areas to establish labs in the CFC. Candidates should have a PhD or equivalent and a record of outstanding promise and achievement. Successful applicants will receive full funding of their research program for 5 years, including full salary support, generous start-up funds and compensation package. Applications should be submitted by March 15, 2010 and should include a curriculum vitae, summary of research accomplishments, an outline of future plans, and a list of potential referees. These materials should be sent to:

George J. Augustine, Director  
Center for Functional Connectomics  
Korea Institute of Science and Technology  
39-1 Hawolgokdong, Seongbukgu  
Seoul, Republic of Korea, 136-791  
email: cfc@kist.re.kr

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**nature**

**Stem Cells and Development Editor**

*Nature*, the international weekly journal of science, seeks to appoint a Stem Cells and Development Editor to join a team dedicated to publishing the world’s best original research in the biological sciences. The successful candidate will play a key role in determining how biological sciences are represented - through the selection and preparation of manuscripts for publication and by acting as Nature's interface with the relevant research communities. This is a demanding and intellectually stimulating position, and calls for a keen interest in the practice and communication of science.

The ideal candidate will have a strong track record of research in stem cells and development. We would also encourage highly qualified candidates from other areas of the biological sciences to apply. Applicants should hold or expect shortly to receive a PhD or equivalent degree.

This position can be based in *Nature's* London, New York or Boston offices and will involve international travel to meetings and laboratories.

Please apply by sending your CV, covering letter (including your class of degree, a brief account of your research and other relevant experience, and details of your current salary) and a concise discussion of recent scientific developments which you have found particularly exciting (stating why).

Salary package competitive.

To apply please send your CV and covering letter, quoting reference number NPG/012/10 to londonrecruitment@macmillan.co.uk

Closing date: 5th March 2010
CECAD Cologne – Excellence, competence, and the latest technology coming together in top level research: CECAD defines the relevant questions on aging research across a range of disciplines.

The goal is to understand the molecular mechanisms underlying aging processes and aging related diseases, and to translate these findings to the treatment of specific aging related diseases, such as diabetes, cancer and neurodegenerative diseases. Working between the laboratory and the clinic, our scientists are developing novel approaches in four different areas of research: (A) cellular stress signaling and dysfunction during aging; (B) senescence of membranes and age-related impairment of pathogen defense; (C) inflammation and (D) metabolic pathways in aging-associated diseases.

CECAD positions itself as an international leader in aging research. CECAD is an initiator for this area of research in the scientific community, and is active in raising the public’s awareness of the relevance of this field of research.

Sustainable research perspectives – CECAD offers highly qualified and motivated Ph.D. students training possibilities in its different areas of research complemented by a specific graduate school program. For more information please visit our website (http://www.exzellenzcluster.uni-koeln.de/) or contact Prof. Dr. Carien Niessen (carien.niessen@uni-koeln.de) or Dr. Christopher Schippers (c.schippers@uni-koeln.de).

CECAD Cologne is being funded by the German Research Foundation (DFG) within the Excellence Initiative.

Assistant/Associate Professor of Surgery (Research)  
Rhode Island Hospital

Rhode Island Hospital, Hasbro Children’s Hospital, and the Division of Surgical Research are seeking a full-time faculty member with an interest in core areas of surgical research in the cellular-molecular mechanisms of inflammation, matrix biology and/or tissue injury to join the Department of Surgery at the Alpert Medical School of Brown University.

A PhD and/or MD and 2 years of postdoctoral experience are required. Successful candidates must have a background in cellular-molecular methods strong enough to allow them to achieve the goals of their independent research but also advance potential collaborations with nationally recognized faculty in the Department and at Brown. Candidates must qualify for appointment to the rank of Assistant or Associate Professor of Surgery (Research) at the Alpert Medical School of Brown University. For faculty seeking appointment at the rank of Associate Professor, evidence of sustained high quality research program with external funding and a national reputation are required.

Current areas of research interest in the Department cross all Divisions: including cellular-molecular mechanisms of inflammation after injury or surgery; wound healing; fibrosis and matrix metabolism; along with projects in development and cancer immunology. The search will also consider new areas of investigation from funded candidates that are seen as enhancing current programs. Candidates with strong backgrounds in translational programs are also encouraged to apply. For a complete listing of the Division of Surgical Research/Department of Surgery members and their research interests, please visit: http://bms.brown.edu/surgery/research/

Review of applications is ongoing and will continue until a candidate is selected or the search is closed.

All applications received by March 31, 2010 will be given full consideration. Interested applicants should send (preferably as PDFs) their curriculum vitae, a set of representative reprints, a concise description of their research interests and goals as well as arrange for three letters of reference to be submitted on your behalf, to: Alfred Ayala, Ph.D., Professor of Surgery (Research), C/O Ms. Courtney Coto (C.Coto@lifespan.org), Division of Surgical Research/Department of Surgery, Rhode Island Hospital/the Warren Alpert Medical School at Brown University, Aldrich 230, 593 Eddy Street, Providence, RI 02903. Rhode Island Hospital is an equal opportunity/affirmative action employer and actively solicits applications from minorities, women and protected persons.

FACULTY POSITIONS  
DEPARTMENT OF BIOCHEMISTRY  
AND MOLECULAR BIOLOGY  
SAINT LOUIS UNIVERSITY  
SCHOOL OF MEDICINE

Saint Louis University, a Catholic Jesuit institution dedicated to student learning, research, health care, and service, is seeking outstanding applicants for tenure-track faculty positions at the ASSISTANT PROFESSOR level in the Edward A. Doisy Department of Biochemistry and Molecular Biology (http://medschool.slu.edu/biochem/). The Department has an outstanding faculty and a long tradition of excellence in research. Enrico Di Cera, M.D., was recently recruited as Chairman to lead this Department through an important expansion made possible by the state-of-the-art Doisy Research Center completed in 2007. We are interested in candidates with demonstrated ability to develop strong and independent research programs that would complement existing strengths in the Department. Research programs should involve biological systems relevant to health and disease, and the molecular basis of their structure, function and regulation. A Ph.D. or M.D. degree, evidence of competing successfully for external funding and enthusiasm for teaching and mentoring research trainees are important criteria for selection.

Interested candidates should submit a cover letter, current curriculum vitae, relevant publications, future research plans, a detailed 3-year budget and addresses of three references to http://jobs.slu.edu.

Saint Louis University is an Affirmative Action, Equal Opportunity Employer, and encourages nominations and applications of women and minorities.
FACULTY POSITION

The University of North Texas (UNT) seeks candidates at the Professor level. Exceptional candidates at the Associate Professor level may also be considered. The successful candidate will have an earned doctorate in Biology or a related field with an established international reputation, an active externally funded research program, and a commitment to integrative aspects of functional, comparative genomics, physiology, neurobiology, cell biology, endocrinology, or genetics and have a strong record of obtaining extramural funding, and will be an integral part of a new initiative in “Developmental Physiology and Genetics” (www.biol.unt.edu/dpgr) targeted by the UNT administration for research cluster support. Preference will be given to applicants who have expertise in any of the following fields: the cardiovascular system, respiration, stress response and/or metabolism.

This will be one of four new faculty positions recruited to the Developmental Physiology and Genetics Group to enhance research activities in developmental integrative biology. Current members of this group take a comparative approach to integrative developmental biology. Candidates are expected to interact with current and future faculty members with expertise in developmental physiology, metabolism, and oxygen homeostasis, and to support the instructional goals of the university at both the undergraduate and graduate levels.

An 80,000 sq. ft. state-of-the-art Life Sciences building is being constructed that will house the Developmental Physiology and Genetics research cluster. Potential interactions exist with Health Science researchers at the nearby UNT Health Science Center in Fort Worth.

Applicants must apply online at: https://facultyjobs.unt.edu/applicants/Central?quickFind=50756. Upload a cover letter, research statement and a C.V. Inquiries may be directed to: Dr. Pamela Padilla, Search Committee Chair at ppadilla@unt.edu. Applications will be reviewed beginning February 15, 2010, and will continue until the search is closed. UNT is a Doctoral/Research-Intensive Institution located in the Dallas/Fort Worth Metroplex. It is the fourth largest university in Texas, with nearly 36,000 students and eight consecutive record annual increases in enrollment. New research initiatives, including three that involve life science disciplines, were announced in Sept 2008 by the UNT administration (http://web.unt.edu/news/story.cfm?story=11146). For further information, see http://www.unt.edu, http://www.biol.unt.edu.

ADAA/EOE/AA

FACULTY POSITION IN BIOENGINEERING

The California Institute of Technology invites applications for a tenure-track faculty position in Bioengineering. Bioengineering research at Caltech focuses on the application of engineering principles to the design, analysis, construction, and manipulation of biological systems, and on the discovery and application of new engineering principles inspired by the properties of biological systems.

Applications are invited in any area of bioengineering research. Candidates with strong commitments to research and teaching excellence are encouraged to apply. We expect to make the appointment at the assistant professor level, but consideration will be given to exceptionally well-qualified applicants at the associate and full professor levels. Initial appointments at the assistant professor level are for four years, and are contingent upon completion of the Ph.D. degree.

Bioengineering at Caltech (http://www.be.caltech.edu) includes faculty from the Divisions of Engineering and Applied Science (http://www.eas.caltech.edu), Chemistry and Chemical Engineering (http://www.cce.caltech.edu), and Biology (http://www.biology.caltech.edu).

APPLICATION INSTRUCTIONS

Applicants should electronically submit an application at http://www.be.caltech.edu/search, including curriculum vitae; a statement of research interests; a statement of teaching interests; and up to three representative publications. Applicants should arrange to have four reference letters uploaded.

Application review will commence immediately and continue until the position is filled.

CALIFORNIA INSTITUTE OF TECHNOLOGY
Division of Engineering and Applied Science

Caltech is an Equal-Opportunity/Affirmative-Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.
Tasso Leventis Professorship of Biodiversity
in association with Merton College

The University of Oxford intends to make an appointment to the Tasso Leventis Professorship of Biodiversity in the Department of Zoology (part of the Mathematical, Physical and Life Sciences Division) with effect from 1 October 2010 or as soon as possible thereafter. The new Professor will set up and run an internationally recognised Institute of Biodiversity within the department, provide leadership in research and teaching in biodiversity, and teach aspects of the subject at undergraduate and postgraduate level.

Biodiversity as a research field at Oxford has been strengthened by recent appointments in ecology and conservation biology, and by the development of the Department’s Wildlife Conservation Research Unit at Tubney (see http://www.zoo.ox.ac.uk). In parallel, new and related positions have been created in the School of Geography and the Environment, while the recently formed Smith School for Enterprise and the Environment brings political and policy expertise to the area. This new Professorship is endowed by a generous benefaction from the Tasso Leventis Conservation Foundation. In addition, the research area will be further supported for five years by funds from the James Martin 21st Century School. This funding will allow the incoming Professor to appoint several five-year post-doctoral fellows and to establish a programme for meetings and visiting fellows in the new Institute.

Please see the further particulars at www.admin.ox.ac.uk/fp/ for more details about the post and for full instructions before making an application. Further information may be obtained from paul.harvey@zoo.ox.ac.uk - Head of the Department of Zoology. All enquiries will be treated in strict confidence and will not form part of the selection decision. Applications, including a covering letter and full CV and naming three referees, should be received no later than 19 April 2010 by Dr Gwen Booth, Personnel Officer, Senior Appointments at professorships@admin.ox.ac.uk. If you have a query about how to apply, please contact Mrs Elaine Eastgate at professorships@admin.ox.ac.uk or telephone: +44 (0)1865 280189.

Committed to equality and valuing diversity

Endowed Chairs in Childhood Neurosciences

South Carolina offers a tremendous opportunity through its Centers of Economic Excellence (CoEE) Program, through which the state recruits elite researchers. This visionary program is evidence of the commitment to innovation demonstrated by South Carolina’s government, industry, and universities.

The Center for Childhood Neurotherapeutics will establish an integrated, state-wide team to understand and treat childhood neurological disorders. It will support research at the Greenville Hospital System in Greenville (GHS), at the University of South Carolina in Columbia (USC), at the USC School of Medicine in Columbia (USC-SOM), and at the Medical University of South Carolina in Charleston (MUSC). The center will be anchored by three endowed professors carrying out basic and/or clinical studies related to understanding and treating childhood diseases of the nervous system. Each endowed chair position will benefit from significant programmatic and departmental support, and will have the opportunity to work closely with researchers and clinicians at the nationally renowned Greenwood Genetics Center in the study of neurogenetic disorders.

(1) Endowed Chair in Translational Therapeutics: Based at GHS with academic appointment in USC-SOM. Applicant must have training in one or more of the following: developmental-behavioral pediatrics; neurology; psychology; basic mechanisms of developmental genetic diseases; and have experience in design and management of clinical trials. Preference will be given to persons who have experience working in clinical settings, especially those involving the study of autism spectrum disorders and neurogenetic disorders. Inquiries and nominations should be sent electronically to Dr. Desmond Kelly, dkelly@ghs.org.

(2) Endowed Chair in Neurodevelopmental Disorders: Based at USC. Applicant should have training in neuroscience, psychology, biology, or related areas and should address questions related to brain development and neurogenetic disorders, particularly those linked to behavior or cognition. Preference for this position will be given to applicants that use functional brain imaging of animal models and/or neurogenetic approaches to address developmental alterations that affect cognition and behavior. Inquiries and nominations should be sent electronically to Dr. Roger Sawyer, RHSawyer@mailbox.sc.edu.

(3) Endowed Chair for Basic Research in Childhood Disorders: Based at MUSC. Applicant must have training and expertise in basic mechanisms of disease processes and therapeutic approaches for childhood diseases of the nervous system. Preference will be given to applicants working in a neuroscience group utilizing applications for neuroprotection and neurorepair using stem cells and other approaches in animals or humans. Inquiries and nominations should be sent electronically to Dr. Inderjit Singh, singhi@musc.edu.

All three positions require an M.D or Ph.D. If applicable, board certification in a subspecialty is required. Applicants should have established records of grant funding, scholarly activities, and the ability to foster interdisciplinary research. References will not be contacted without candidate’s permission. Applicants should submit a statement of research interests, CV, and contact information for at least three references to: Position (1) Desmond Kelly, M.D., Medical Director, Developmental – Behavioral Pediatrics, Children’s Hospital of Greenville Hospital System, 200 Patoweki, A200, Greenville, SC 29615; Position (2) Roger H. Sawyer, Ph.D., College of Arts & Sciences, University of South Carolina, Columbia, SC 29208; Position (3) Inderjit Singh, Ph.D., Charles P. Darby Children’s Research Institute, Medical University of South Carolina, 173 Ashley Avenue, CRI 516, Charleston, SC 29425.

For more information about the CoEE Program, please visit www.scceoe.org.

GHS, USC, and MUSC are equal opportunity employers committed to excellence through diversity. Minorities and women are especially encouraged to apply.
In America today, 1 in 3 individuals does not accept evolution. That's why AAAS continues to play an important role in the effort to protect the integrity of science education. AAAS is hard at work ensuring that evolution continues to be taught in science classrooms, but we need your help. Join us. Together we can make a difference. aaas.org/plusyou/evolution

AAAS is here.

Historically Black Colleges and Universities (HBCUs) increase the number of underrepresented ethnic minorities qualified for education and research in science, technology, engineering, and mathematics (STEM). AAAS partners with NSF to host a national gathering that highlights undergraduate student research to enhance the quality of STEM education. And this is just one of the ways that AAAS is committed to advancing science to support a healthy and prosperous world. Join us. Together we can make a difference. aaas.org/plusyou/hbcuup

AAAS is here.
A country devastated by genocide and a crippling AIDS epidemic. Together with the Rwandan Ministry of Education, AAAS, the world’s largest multidisciplinary scientific society and publisher of Science magazine, is working to ensure that local children gain skills in science, technology, math, and engineering. And this is just one of the ways that AAAS is committed to advancing science to support a healthy and prosperous world. Join us. Together we can make a difference. aaas.org/plusyou/rwanda
The Kuwait Foundation for the Advancement of Sciences (KFAS) institutionalized the KUWAIT Prize to recognize distinguished accomplishments in the arts, humanities and sciences. The Prizes are awarded annually in the following categories:

A. Basic Sciences
B. Applied Sciences
C. Economics and Social Sciences
D. Arts and Literature
E. Arabic and Islamic Scientific Heritage

The Prizes for 2010 will be awarded in the following fields:

1. Basic Sciences
2. Applied Sciences
3. Economic and Social Sciences
4. Arts and Literature
5. Arabic and Islamic Scientific Heritage

**Foreword and Conditions of the Prize:**

1. Two prizes are awarded in each category:
   * A Prize to recognize the distinguished scientific research of a Kuwaiti citizen, and,
   * A Prize to recognize the distinguished scientific research of an Arab citizen.
2. The candidate should not have been awarded a Prize for the submitted work by any other institution.
3. Nominations for these Prizes are accepted from individuals, academic and scientific centers, learned societies, past recipients of the Prize, and peers of the nominees. No nominations are accepted from political entities.
4. The scientific research submitted must have been published during the last ten years.
5. Each Prize consists of a cash sum of K.D. 30,000/- (approx. U.S.$100,000/-), a Gold medal, a KFAS Shield and a Certificate of Recognition.
6. Nominators must clearly indicate the distinguished work that qualifies their candidate for consideration.
7. The results of KFAS decision regarding selection of winners are final.
8. The documents submitted for nominations will not be returned regardless of the outcome of the decision.
9. Each winner is expected to deliver a lecture concerning the contribution for which he was awarded the Prize.

**Deadline for the submission of nominations for the KUWAIT PRIZE:**

The deadline for the submission of nominations for the 23rd Annual Medical Research Awards has been extended to Monday, March 22, 2010. Please see the January 1, 2010 issue of Science for details regarding nomination submission or contact Jack D. Barchas, M.D. at (212) 746–3779 or jbarchas@med.cornell.edu.

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**AWARDS**

**ROBERT J. AND CLAIRE PASAROW FOUNDATION**

**22nd ANNUAL MEDICAL RESEARCH AWARD RECIPIENTS**

**23rd ANNUAL MEDICAL RESEARCH AWARDS CALL FOR NOMINATIONS**

**Cancer, Cardiovascular Disease, Neuropsychiatry**

THE PASAROW FOUNDATION PROUDLY ANNOUNCES THE RECIPIENTS OF THE 22ND ANNUAL MEDICAL AWARDS:

**CANCER**
Brian J. Druker, M.D. - Oregon Health & Science University, Howard Hughes
Inder M. Verma, Ph.D. - Salk Institute

**CARDIOVASCULAR DISEASE**
David Ginsburg, M.D. - University of Michigan Medical School, Howard Hughes

**NEUROPSYCHIATRY**
Jean-Pierre Changeux, Ph.D. - Institut Pasteur, Paris, France

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**Calls for Proposals 2010**

**Europe-Wide Collaborations**

The European Science Foundation (ESF) announces the following Calls for Proposals:
- Exploratory Workshops
- Research Networking Programmes
- EUROCORES (European Collaborative Research)
- ECRP (European Collaborative Research Projects in the Social Sciences)
- Research Conferences

For further information on the calls and deadlines and all ESF activities, go to www.esf.org/calls

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**MEETINGS AND ANNOUNCEMENTS**

The European Science Foundation provides a common platform for its Member Organisations in order to:
- advance European research;
- explore new directions for research at the European level.

Through its activities, the ESF serves the needs of the European research community in a global context. It carries out an array of activities, ranging from organising exploratory scientific workshops to providing science policy advice.
Assistant/Associate Professor of Critical Zone Science

Appointment: This is a 9 month, tenure track position with responsibilities divided between research (80%) and teaching (20%).

Position Description: The Department of Plant and Soil Sciences (http://ag.udel.edu/plsc/) in coordination with the newly formed Delaware Environmental Institute (http://denin.udel.edu/) invites applications for a tenure track faculty position at the Assistant or Associate Professor level in the area of Critical Zone Science. Longstanding strengths in environmental sciences at the University of Delaware are expanding through interdisciplinary investigations of human and earth system processes that govern terrestrial ecosystems of the critical zone - the top of the plant canopy to the base of the weathering zone. Successful candidates will complement environmental research at the University through expertise in the role and importance of soils to large scale issues such as climate change and the biogeochemical cycling of nutrient elements. The successful applicant will develop or bring a nationally recognized research program supported by extramural funding and will teach one course per year at the undergraduate or graduate levels.

Qualifications: The candidate must have a Ph.D. and research interests focused on soil processes relevant to land use issues and emergent impacts on ecosystems. Desirable areas of expertise include geomorphology, critical zone geochemistry, biogeochemistry, pedology, eco-hydrology, and land-atmosphere exchange. Candidates with experience bridging laboratory and field-scale investigations as well as interdisciplinary studies are especially encouraged to apply. Interest and ability to contribute effectively to collaborative research efforts is essential.

Salary: Commensurate with experience and training. The University of Delaware provides an excellent employee benefits package including health and dental insurance, retirement contributions, pre-tax flexible spending accounts, and complete tuition remission for family members.

Facilities: Teaching and research facilities are located at the University of Delaware, Newark, DE. The University is a Land Grant, Sea Grant & Space Grant institution located midway between Philadelphia and Baltimore. Further information on the Environmental Sciences at the University of Delaware (http://www.environmentalportal.udel.edu), the Delaware Environmental Institute and the Christina River Basin Critical Zone Observatory (www.udel.edu/czo/) can be found on the web.

Date Position is Available: As early as Sept 1, 2010.

Application Process: By March 19th, interested persons should submit: (i) letter of application; (ii) resume; (iii) two page statement of research and teaching interests; (iv) names, e-mail and postal addresses, and telephone numbers of three references. Complete applications should be assembled into a single pdf document and sent by e-mail to: Dr. K. Eric Wommack, Search Committee Chair: PLSC-faculty-search@anr.udel.edu .

The UNIVERSITY OF DELAWARE is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.

SENIOR LECTURER IN MATHEMATICAL BIOLOGY
The University of Chicago Biological Sciences Collegiate Division

The Biological Sciences Collegiate Division at the University of Chicago invites applications for a Senior Lectureship in mathematical biology beginning in the fall 2010. The Senior Lecturer is expected to teach a three-quarter postcalculus course sequence in basic applied mathematics for advanced science majors who are interested in quantitative approaches to biology and to develop an integrated biocalculus curriculum for premeds. Applicants must have received a Ph.D. in mathematics or a related field with thesis research in an area of applied mathematics such as, but not restricted to, biophysics, biomechanics, computational neuroscience, genomics, or population biology and must document interest and proficiency in undergraduate teaching. The appointment will be for three years and is renewable.

To apply for this position visit our website: http://academiccareers.uchicago.edu/jobposting00252. Please complete your application and submit supporting materials by April 2, 2010.

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

ASSISTANT RESEARCH INVESTIGATOR Center for Regenerative Developmental Biology The Forsyth Institute, a Harvard Medical and Dental School Affiliate

An Assistant Research Investigator position to focus on mouse developmental biology of the skin and wound healing is available immediately. A Ph.D., with two to three years of postdoctoral experience and at least two postdoctoral first-author papers are required. Background in molecular biology, gene targeting inactivation, and mouse skin developmental biology is required. Send curriculum vitae and names of three references to:

Dr. Marianna Bei Assistant Professor, Harvard Medical School Director, Center for Regenerative Developmental Biology The Forsyth Institute E-mail: mbe@forfysht.org or mbe@partners.org

The Forsyth Institute is an Equal Opportunity Employer, Minorities/Females/Veterans/Persons with Disabilities.

GROUP LEADER, BIOINFORMATICS/ SYSTEMS BIOLOGY
Uni Research, Norway

The Computational Biology Unit (CUBU) at Uni BCCS (Bergen Center for Computational Science) is searching for an additional group leader in the field of computational biology/bioinformatics. CBU is colocated and integrated with several departments at the University of Bergen. Please electronically send your curriculum vitae, your 10 most relevant publications, and a research plan to Prof. Inge Jonassen, e-mail: inge.jonassen@ii.uib.no, Head of CBU. The evaluation of applications will commence March 15, 2010, and continue until a suitable candidate is found. To read a full-text version of this ad, please visit website: http://www.bccs.uni.no/positions.

Position available for a highly motivated POSTDOCTORAL FELLOW with proven experience in cloning and expression of mammalian proteins to study eukaryotic DNA replication. Experience in baculovirus expression system is highly desirable. Excellent salary and benefits. Electronically send curriculum vitae to e-mail: ebivwas@umd.nj.edu.

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