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December 20, 2013
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Each year, the *Science* editorial team reviews the most exciting discoveries of the past 12 months in the “Breakthrough of the Year” issue. You’ll not only reach 129,551 *Science* subscribers and our 570,400 worldwide readers, but also a special group of 25,000 scientists at no extra cost. These scientists are carefully selected for their demographic similarities to *Science*’s current audience.

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Your Career at the Max Planck Institute of Biochemistry

Martinsried / Munich - Germany

Open Position: Director of Department

The MPI of Biochemistry is currently seeking to fill one of its Max Planck Director positions to complement its existing departments headed by Directors Wolfgang Baumeister, Elena Conti, Reinhard Fassler, F-Ulrich Hartl, Stefan Jentsch, Matthias Mann, Petra Schwille and Axel Ullrich. The position is equivalent to that of a tenured Full-Professor and is without teaching commitments. The offer includes a highly competitive package with substantial core funding (personnel, consumables, investments) and generous lab space. We are seeking candidates who study the molecular mechanisms of fundamental biological problems. In particular, they should use biochemistry, chemical biology, bioinformatics/systems biology or cell biology in fields complementing existing research areas at the Institute. Candidates are expected to have a strong track record and several years of experience as a PI.

Applicants should send their CV, list of publications and a brief summary of past and current research to the office of the Managing Board of Directors by email (gl@biochem.mpg.de).

For further information about the MPIB, please visit www.biochem.mpg.de.

The Max Planck Society is committed to employing more disabled individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.

The deadline for application is December 31, 2013.

About the Institute

The Max Planck Society for the Advancement of Science is an independent non-profit research organization which promotes groundbreaking basic research. The Max Planck Institute of Biochemistry (MPIB) is one of the largest biomedical research institutes within the Max Planck Society. Currently, it consists of 26 groups conducting cutting-edge research in the molecular life sciences. Further details are listed on the right site of the advertisement. The world-leading MPIB houses state-of-the-art facilities with a lively and highly international atmosphere that offers exceptional opportunities to scientists at every stage of their career. It is located on the thriving life science campus of Martinsried, in the south-west of Munich, together with the MPI of Neurobiology, the Ludwig Maximilians University, the Helmholtz Zentrum Munich and the Innovation and Startup Centers for Biotechnology.

Research Groups

- Wolfgang Baumeister / Molecular and Cellular Structural Biology: Cryo-electron Microscopy, Hybrid Methods, Protein Degradation
- Christian Biertümpfel / Molecular Mechanisms of DNA Repair: Structural Biology, DNA Damage, DNA Repair, DNA Replication, Protein-DNA Interactions
- Julia von Blume / Molecular Basis of Protein Trafficking: Membrane Trafficking, Protein Sorting and Secretion, Golgi Apparatus, Ca2+, ADF/cofilin, Hailey Hailey disease
- Elena Conti / Structural Cell Biology: Structural Studies, RNA Transport, RNA Surveillance, RNA Degradation
- Reinhard Fassler / Molecular Medicine: Integrin, Adhesion Signalling, Mouse Genetics
- Friedrich Förster / Modeling of Protein Complexes: Cryoelectron Microscopy, Modeling, Ubiquitin Proteasome Pathway, ER-translocation
- Carsten Grashoff / Molecular Mechanotransduction: Cell Biology, Mechanotransduction, Biosensors
- Stephan Gruber / Chromosome Organization and Dynamics: Bacterial Cell Biology, Biochemistry, Chromosome Segregation, Condensin Complexes
- Bianca Habermann / Computational Biology: Genome Analysis, Systems Biology, Sequence Analysis, NGS Data Analysis
- F-Ulrich Hartl / Cellular Biochemistry: Molecular Chaperones, Protein Folding, Proteostasis, Aging and Neurodegenerative Diseases
- Manajit Hayer-Hartl / Chaperonin-assisted Protein Folding: Protein Folding and Assembly, Rubisco, GroEL and GroES, Mass Spectrometry
- Stefan Jentsch / Molecular Cell Biology: Ubiquitin and Ubiquitin-Like Proteins, Protein Degradation, DNA Transactions and Chromatin Biology
- Esben Lorentzen / Intraflagellar Transport: Cilia, Intraflagellar Transport, X-ray Crystallography, Protein Complexes
- Matthias Mann / Proteo- and Signal Transduction: Mass Spectrometry, Systems Biology, Bioinformatics, Cancer
- Naoko Mizuno / Cellular and Membrane Trafficking: Structural Biology, Cryo Electron Microscopy, Biophysics, Membrane Trafficking, Membrane Curvature
- Jürg Müller / Chromatin Biology: Genetics and Biochemistry of Chromatin, Transcription, Histone Modifications, Drosophila Development
- Inaam Nakchbandi / Translational Medicine: Fibronectin, Integrin, Bone, Disease
- Boris Pfander / DNA Replication and Genome Integrity: DNA Replication, Checkpoints, DNA Damage, Posttranslational Modifications, Yeast
- Andreas Pichlmair / Innate Immunity: Host-Pathogen Interactions, Viruses, Proteomics, Perturbation of Immune Signaling
- Marc Schmidt-Supprian / Molecular Immunology and Signal Transduction: Immunology, Mouse Genetics, Signal Transduction, Immune Diseases
- Frank Schnorrer / Muscle Dynamics: Drosophila Muscle Development, Sarcomere, Cell Migration, Muscle Patterning
- Petra Schwille / Cellular and Molecular Biophysics: Single Molecule Techniques, Membranes, Synthetic Biology
- Zuzana Storchova / Maintenance of Genome Stability: Genome Stability, Chromosome Segregation, Aneuploidy, Polyploidy
- Axel Ullrich / Molecular Biology: Signal Transduction, Cancer Signals, Cancer and Diabetes Therapy Development
- Thomas Wollert / Molecular Membrane and Organelle Biology: Biochemistry, in vitro Reconstitution, Membrane Remodeling, Organelle Shape
- Wolfgang Zachariae / Chromosome Segregation in Mitosis and Meiosis: Ubiquitin-dependent Proteolysis, Biochemistry, Genetics, Live-Cell Imaging
M ARSHALL UNIVERSITY

MARSHALL UNIVERSITY RESEARCH CORPORATION
Marshall University
Joan C. Edwards School of Medicine
Three Post-Doctoral Positions

Duties: Study the pathophysiology of metabolic syndrome and obesity, using pharmacological and genetic approaches. Studies will be carried out in both animal and stem cell culture models to define the molecular basis of cellular obesity and signaling molecules.

Requires M.D. or Ph.D. in Medicine/Physiology or related field. Candidates should be knowledgeable of arachidonic acid metabolisms, cyclooxygenase, epoxygenase and soluble epoxide hydrolase SIGNAL-ING PATHWAY. Candidates should have experience in small animal handling, molecular biology techniques, biochemical assays and in conducting cell culture studies. The candidate will be involved in the design of experimental protocols; collection, analysis and interpretation of data; preparation of oral and written scientific reports, such as presentation of results at local, state, and national meetings; composition of scientific manuscripts for submission to journals and writing grant applications.

He/she will also participate in interdepartmental seminars, journal clubs and local and national scientific societies. It is also expected that he/she will incorporate previous skills and knowledge into the evolution of data interpretations.

Work in an excellent learning and teaching environment, with opportunity for growth and the pursuit of an independent career. Excellent salary compensation and positions are available immediately and will remain open until filled.

Contact: Send a curriculum vitae and a cover letter describing research interests and experience to: Nader G. Abraham, PhD at Abrahamm@Marshall.edu.

NANJING UNIVERSITY

Nanjing, CHINA

Founded in 1902, Nanjing University is one of the oldest and most prestigious institutions of higher learning in China. As a key comprehensive university with an array of outstanding faculty members, it has enjoyed coordinated development in humanities, social sciences, natural sciences, technological sciences, life sciences, modern engineering and management and so on. With the motto of "Sincere with Aspiration, Perseverance and Integrity," Nanjing University carries the spirit of constant striving for educational and academic excellence. Today's Nanjing University invites outstanding scholars of all nationalities to join us in the mission to build this university into a world-class comprehensive research university with a global vision.

Position: Distinguished Professor
Offered by Thousand Talents Program/ Chang Jiang Scholars Program/ Deng Feng Scholar Program A
• The applicant should hold a professorship/associate professorship (or an equivalent position) in a prominent overseas university (or research institutes)
• The applicant demonstrates outstanding capabilities in scientific innovation, whose research capabilities and achievements are recognized by peers as at leading level.

Position: Young Talents Professor
Offered by Thousand Young Talents Program/Deng Feng Scholar Program B
• The applicant should hold an assistant professorship (or an equivalent position)/research fellowship in a prominent overseas university (or research institutes)
• The applicant should have been a top talent among peers and shown a strong potential to be a future leader in his/her area.

The position offers adequate scientific resources, abundant research funding, attractive salary and generous reallocation package, including the opportunity to buy an apartment in an inter price rate and subsidy.

Interested candidates please visit http://rczp.nju.edu.cn/

Research without Borders
All posts based near Vienna, Austria

The International Institute for Applied Systems Analysis (IIASA) has a world-class reputation for delivering scientific insight to policymakers worldwide. IIASA is expanding to meet the growing demand for international and interdisciplinary research in the global problem areas of Energy & Climate Change, Food & Water, Poverty & Equity. To this end, we are recruiting:

Program Leader, Risk, Policy, and Vulnerability Program:
You will lead a team of over 30 multinational researchers using quantitative and qualitative methods for assessing risk and vulnerability, and analyzing policy options designed to cope with global change.

Program Leader, Advanced Systems Analysis Program:
You will lead a team of over 25 multinational researchers to develop new, more sophisticated methodologies for systems analysis so that better solutions to global problems can be found.

Senior Science Officers (2 posts):
You will work within the IIASA Directorate together with IIASA’s Internal Research Committee and Research Programs to strengthen and facilitate collaboration among IIASA Research Programs.

For more information and to apply for any of the above roles, please visit: www.iiasa.ac.at/vacancies

Postdoctoral Researchers:
Every year a number of postdoctoral scholarships are available for research on topics related to the IIASA research agenda. For further details, please visit: www.iiasa.ac.at/postdoc

STEM CELL REGENERATIVE MEDICINE
FACULTY POSITIONS
Southwest National Primate Research Center (SNPRC)

The SNPRC at the Texas Biomedical Research Institute invites applications and nominations for two faculty positions in stem cell regenerative medicine. Applicants and nominees are expected to have an interest in, and preferably experience with, nonhuman primate models. Major strengths of the SNPRC are in genetics and genomics, metabolic disorders, and infectious diseases. Several primate models of human diseases developed at SNPRC are ideally suited for translational research on stem cell regenerative medicine. The SNPRC has an outstanding diversity of primate resources, including large colonies of baboons, rhesus monkeys, common marmosets, and chimpanzees.

The SNPRC has close associations with the University of Texas Health Science Center at San Antonio and the University of Texas at San Antonio, including opportunities for roles in graduate education. A critical mass of stem cell regenerative medicine researchers exists at those institutions, together with the developing stem cell regenerative medicine program at the SNPRC. The SNPRC has a strong tradition in postdoctoral training.

Rank and salary will be nationally competitive and commensurate with experience. The laboratories and offices of the successful candidates will be located in the new SNPRC laboratory and administration facility, which is now under construction and expected to be ready for occupancy in March 2014.

Applications and nominations should be sent to the Chair, SNPRC Regenera-tive Medicine Search Committee, c/o Human Resources Office, P. O. Box 760549, San Antonio, TX 78245-0549, and should include a letter outlining qualifications and research interests. Applications, but not nominations, must also include a CV, and the names and contact information for at least three references. Additional information about the SNPRC can be found at www.snprc.org. Additional information about Texas Biomed can be found at www.txbiomed.org. EOE
Hiring Vice President at South University of Science and Technology (SUSTC) Shenzhen, China

The South University of Science and Technology, China (SUSTC) invites applications and nominations for Vice President (Academic Affairs) and Vice President (Education). SUSTC is committed to excellence in teaching and research; therefore, it offers internationally competitive salaries, fringe benefits, retirement and housing subsidy to the Vice Presidents. The modern campus also offers pleasant working conditions.

About SUSTC

SUSTC is a public institution funded by the municipal of Shenzhen, a special economic zone city in southern China. The University receives full financial support from the municipal. Set on five hundred acres of wooded landscape in the picturesque Nanshan (South Mountain) area, the campus offers an idyllic environment suitable for learning and scholarship. SUSTC engages in basic and problem-solving research of lasting impact to benefit society and mankind. Key research areas of the university include but not limited to: Neural and Cognitive Sciences, Biology and Gene Engineering, Modern Physics, Control and Modification of Materials, Nanoscience and Nanotechnology, Mathematics and Applied Mathematics, Molecular Chemistry and Catalysis, Large-Scale Computational Research, Robotics and Artificial Intelligence, Information Systems and Electronic Engineering, Modern Cities and future developments, Energy Sciences and technology, Environmental Sciences, Financial Mathematics and Engineering.

The Vice President (Academic Affairs, VPAA) and Vice President (Education, VPE) report directly to the president. The VPAA provides strategic leadership in the development and implementation of academic and research programs. The VPE provides strategic leadership in student education and whole person development. Successful candidates are expected to be internationally renowned scholars with administrative experience and good communication skills. Excellent leadership and organizational skills are also important.

The teaching language at SUSTC is English or Putonghua. As we expect an international faculty, the majority of teaching materials and reference books will be in English and many classes will be conducted in English. With a very high faculty-to-student ratio, SUSTC is committed to delivering a student-centered education. Students at junior and senior years are expected to participate in research in Research Centers.

Send nominations, inquiries or applications to: hiring@sustc.edu.cn. All applications should include a detailed CV and a list of publications. Additional information on SUSTC is available on the University homepage http://www.sustc.edu.cn
Associate Scientific Director

Applications are invited for the position of Associate Scientific Director at Texas Biomedical Research Institute, www.txbiomed.org, located in San Antonio, TX. The Associate Scientific Director assists the Chief Scientific Officer in the scientific administration of the Institute and may conduct investigator-initiated research. The individual is responsible for providing administrative support and oversight for the Institutional Animal Care and Use Committee, the Biohazards and Safety Committee, and the Recombinant DNA Committee. Additional regulatory compliance duties include administering the Institute’s Misconduct in Science Policy as the Research Integrity Officer, administering human subject research compliance as the Human Protections Administrator for the Texas Biomed HHS Federal Wide Assurance and as the Texas Biomed liaison to the University of Texas Health Science Center Institutional Review Board, and serving as the Authorized Signing Official for Texas Biomed requests for access to the National Center for Biotechnology Information Genotypes and Phenotypes Database. The position also provides administrative supervision of scientific support services that include the Office of Sponsored Programs (Director + 3 FTE), the Northrup Library (Director + 1 FTE), Information Systems (Director + 4 FTE), Quality Assurance/Quality Control for GLP and Animal Rule studies compliance (4 FTE), Technical Publications (2 FTE) and Print Shop (2 FTE). Applicants should have a doctoral degree and at least 10 years of job-specific experience. They should be qualified to provide administrative oversight for institutional compliance with the Animal Welfare Act and USDA Animal Welfare Regulations, the Public Health Service Policy on the Humane Care and Use of Laboratory Animals, the NIH Policy and Guidance on Human Subjects Research, NIH policies on Research Misconduct (42 CFR part 93), NIH Grants Policy, and FDA regulations for Good Laboratory Practice for Nonclinical Laboratory Studies (21 CFR part 58). A history of NIH grant support is desired.

Apply online at http://www.txbiomed.org/about/employment/job-opportunities or mail your application to the Director of Human Resources, Texas Biomedical Research Institute, P.O. Box 760549, San Antonio, TX 78245-0549. Applications must also include a CV and the names and contact information for at least three references. EOE.

RIKEN

Postdoctoral Research Scientists

We are looking for two or three self-motivated postdoctoral research scientists to join Dr. So Iwata’s group at the SPring-8 Angstrom Compact Free Electron Laser Facility (SACLA) RIKEN in Japan. The SACLA Science Research Group is now developing a data collection system for the serial femtosecond crystallography (SFX) and is constructing a system to determine the structure of drug-target proteins. Successful candidates will have experience in protein crystallography using synchrotron radiation or XFEL including protein production, crystallization, beam-line technologies and/or software development.

Application deadline is 31 January 2014 and the start date is 1 April 2014 (negotiable).

Details about the positions and the research center can be found at http://www.riken.jp/en/careers/researchers/20131025_2/

Contact:
Dr. So Iwata
SACLA Science Research Group
Photon Science Research Division
RIKEN SPring-8 Center,
1-1-1 Kouto, Sayo, Hyogo 679-5148 Japan

Email:
s.iwata@spring8.or.jp
rie.tanaka.lv@riken.jp

JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH

Faculty Position Biochemistry and Molecular Biology

The Department of Biochemistry and Molecular Biology at the Bloomberg School of Public Health of Johns Hopkins University invites applications for a tenure-track faculty position, preferably at the Assistant Professor level. We seek outstanding applicants with a demonstrated ability to study problems of major public health relevance at the cellular, molecular, and/or structural level. Areas of highest priority for this search include DNA repair and genome integrity. Applicants interested in stress response biology, chronic diseases and cancer biology should also apply. Successful applicants will be expected to establish an outstanding research program, be strongly committed to graduate level training and education, and contribute to the success of the department and school. Visit http://www.jhsphs.edu/departments/biochemistry-and-molecular-biology/faculty-openings/ for information about the application process and recent faculty hires. Applications will be accepted until January 15, 2014.

We actively encourage applications from women and minority candidates. The Johns Hopkins University is an Equal Opportunity/ Affirmative Action Employer.
Bioengineering is revolutionizing 21st century healthcare worldwide. But to have the greatest impact, the best minds have to work together across a variety of fields. At the University of Illinois, that interdisciplinary attitude and the desire to deliver safe, effective, affordable medical technologies drive us. They’ve led to breakaway work in imaging, biosensing, cellular mechanics, and biophysics. Now we’re expanding our team. Thanks to the $100 million Grainger Engineering Breakthroughs Initiative, we’re creating more than 35 new endowed professorships and chairs in Bioengineering and other fields. If you’re ready to drive the future of Bioengineering, Illinois is the place for you.

GraingerInitiative.engineering.illinois.edu
Born in 1564, Galileo Galilei once contemplated a career in the priesthood. It's perhaps fortunate for science that upon the urging of his father, he instead decided to enroll at the University of Pisa. His career in science began with medicine and from there he subsequently went on to become a philosopher, physicist, mathematician, and astronomer, for which he is perhaps best known. His astronomical observations and subsequent improvements to telescopes built his reputation as a leading scientist of his time, but also led him to probe subject matter counter to prevailing dogma. His expressed views on the Earth's movement around the sun caused him to be declared suspect of heresy, which for some time led to a ban on the reprinting of his works.

Galileo's career changed science for all of us and he was without doubt a leading light in the scientific revolution, which is perhaps why Albert Einstein called him the father of modern science.

Want to challenge the status quo and make the Earth move? At *Science* we are here to help you in your own scientific career with expert career advice, forums, job postings, and more — all for free. For your career in science, there's only one *Science*. Visit [ScienceCareers.org](http://ScienceCareers.org) today.
Research Opportunities in Luxembourg. See what’s behind it.

**PEARL**
**LUXEMBOURG’S RESEARCH PROGRAMME FOR INTERNATIONALLY RECOGNISED SENIOR RESEARCHERS**
- Interested in establishing a high-profile research programme?
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More information about ATTRACT and PEARL as well as the other funding opportunities offered by the National Research Fund Luxembourg can be found on the FNR’s website. Go and see what’s behind on www.fnr.lu/pearl and www.fnr.lu/attract
- For an overview on research in Luxembourg, have a look at www.innovation.public.lu

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**Oakland University**
Department of Biological Sciences
Tenure-Track Assistant Professor Position
In Microbiology

The Department of Biological Sciences at Oakland University invites applications for a tenure-track position in Microbiology at the Assistant Professor level. We seek an outstanding individual that investigates cutting-edge questions relevant to prokaryotic organisms. Preference will be given to candidates with an applied research focus in areas such as biotechnology, translational medicine, or environmental biology. Qualified investigators in other specialties will also be considered and are encouraged to apply. The successful candidate is expected to develop an innovative, externally funded research program, to teach at the undergraduate and graduate levels, to mentor undergraduate and graduate students (MS and PhD), and to participate in service activities.

All applicants must have a PhD and relevant post-doctoral experience. Applicants are expected to demonstrate an excellent record of research productivity as evidenced by publications and a defined plan to obtain extramural funding. Laboratory space, a competitive startup package, and full access to Departmental and University-subsidized research facilities will be provided.

The Search Committee will review applications starting January 6, 2014 and will continue until the position is filled. Applications should include a cover letter, curriculum vitae and detailed statement of research plans and teaching philosophy as well as 3 reference letters. Application material excluding reference letters must be submitted online at: http://academicjobs.oakland.edu/postings/816. Reference letters are to be sent directly to Dr. Gerard Madlambayan (microsearch@oakland.edu). Inquiries should be addressed to: Dr. Arik Dvir, Chair, Department of Biological Sciences (dvir@oakland.edu).

Oakland University is an Equal Opportunity Employer and encourages applications from women and minorities.

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**Unil**
Faculty of Biology and Medicine

THE FACULTY OF BIOLOGY AND MEDICINE OF THE UNIVERSITY OF LAUSANNE, SWITZERLAND, INVITES APPLICATIONS FOR TWO OPEN POSITIONS AS:

ASSOCIATE OR FULL PROFESSOR AND TENURE-TRACK ASSISTANT PROFESSOR TOWARDS ASSOCIATE PROFESSOR AT THE DEPARTMENT OF FUNDAMENTAL MICROBIOLOGY

Envisioned starting date: August/September, 2014.

The Department of Fundamental Microbiology (http://www.unil.ch/dmf) wishes to strengthen its activities in the fields of molecular microbiology and host-microbiome interactions. Depending on the experience of the candidates, the positions can be filled at the level of tenure-track assistant professor, associate or full professor.

Successful candidates are expected to develop an internationally recognized research programme funded by external sources, and must have a record of outstanding research achievements and successful funding applications.

The Department has excellent experimental facilities and access to the latest imaging, proteomics and genomics platforms on campus. A start-up package as well as a yearly research allowance for positions and consumables will be available within a dynamic research environment.

Pre-existing knowledge of French is not required but the selected candidates are expected to be able to teach in French after 2 years. They will supervise Masters and PhD students, and participate in teaching activities by the Department. Candidates at associate/full professor level will also share administrative responsibilities in the management of the Department.

More detailed job descriptions are available on the Internet site http://www.unil.ch/fbm/page64812.html.

Further information may be obtained from Prof. Hernandez (Nouria.Hernandez@unil.ch), chairwoman of the search committee.

Applications must be formulated in English and should include a motivation letter, the curriculum vitae, a list of publications highlighting the five most significant ones, a brief statement of the past and future research programmes, and teaching experience, as well as names and contact information of three references. They should be submitted online by January 31st, 2014 as a single pdf file to www.unil.ch/iafbm/application.

Seeking to promote an equitable representation of women and men among its staff, the University encourages applications from women.
AAAS is here – helping scientists achieve career success.

Every month, over 400,000 students and scientists visit ScienceCareers.org in search of the information, advice, and opportunities they need to take the next step in their careers.

A complete career resource, free to the public, Science Careers offers a suite of tools and services developed specifically for scientists. With hundreds of career development articles, webinars and downloadable booklets filled with practical advice, a community forum providing answers to career questions, and thousands of job listings in academia, government, and industry, Science Careers has helped countless individuals prepare themselves for successful careers.

As a AAAS member, your dues help AAAS make this service freely available to the scientific community. If you’re not a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/sciencecareers
AAAS is here – promoting universal science literacy.

In 1985, AAAS founded Project 2061 with the goal of helping all Americans become literate in science, mathematics, and technology. With its landmark publications *Science for All Americans* and * Benchmarks for Science Literacy*, Project 2061 set out recommendations for what all students should know and be able to do in science, mathematics, and technology by the time they graduate from high school. Today, many of the state standards in the United States have drawn their content from Project 2061.

Every day Project 2061 staff use their expertise as teachers, researchers, and scientists to evaluate textbooks and assessments, create conceptual strand maps for educators, produce groundbreaking research and innovative books, CD-ROMs, and professional development workshops for educators, all in the service of achieving our goal of universal science literacy.

As a AAAS member, your dues help support Project 2061 as it works to improve science education. If you are not yet a AAAS member, join us. Together we can make a difference.

To learn more, visit [aaas.org/plusyou/project2061](http://aaas.org/plusyou/project2061)
DEPARTMENT OF EXERCISE SCIENCE
Arnold School of Public Health

The Department of Exercise Science in the Arnold School of Public Health at the University of South Carolina invites applications for a tenure-track/tenured position at the ASSISTANT PROFESSOR level to begin in August 2014. Priority given to candidates with interests in inflammation and/or cancer research, who have or will develop a collaborative, multidisciplinary research program that complements the Department’s current strengths in physical activity and nutrition. Incumbent expected to interact with a network of researchers in the Arnold School of Public Health (website: http://sphe.sc.edu/), the Center for Colon Cancer Research (website: http://cccr.sc.edu/) and the Center on Dietary Supplements and Inflammation (website: http://cobre.med.sc.edu/). Research approaches can be basic or applied, making use of in vitro, small animal, or human models, and can include clinical trials, epidemiology and/or community engagement methodology. Doctorate in relevant health sciences field with potential for excellence in research and teaching required. For full description of position and application instructions, please visit: website: http://sphe.sc.edu/exsc/pdf/EXSC-tenure-track-11-2014.pdf.


POSITIONS OPEN

TENURE-TRACK FACULTY POSITIONS
Available at the NIH-funded Center of Biomedical Research Excellence (COBRE) in Inflammation and Dietary Supplements at the University of South Carolina

The University of South Carolina (USC) invites applications for several tenure-track ASSISTANT PROFESSOR positions in Inflammation and Dietary Supplements. Outstanding applicants working in the area of inflammation and willing to incorporate dietary supplements research are encouraged to apply. Current areas of research are highlighted at the following websites: http://cobre.med.sc.edu/ and http://cccr.sc.edu/.

The successful candidates will be recruited, based on research experience and interest, in a department at any of the participating schools/colleges, namely the School of Medicine, School of Public Health, School of Pharmacy, College of Engineering, School of Nursing and College of Arts and Sciences. The candidates must have Ph.D. or equivalent, and postdoctoral research experience. The recruits will be eligible to apply for funds from the NIH COBRE grant at USC. However, recruits with major independent funding, current or past, such as NIH RO1 or R99/R00 are not eligible to apply for COBRE funding. Furthermore, recruits with NIH R03, R21 or smaller grants are eligible to apply for COBRE funding. Successful candidates are expected to develop a strong externally funded (such as NIH RO1) research program. They must participate in the teaching and service mission of the respective departments. Competitive salary and startup funds are available. The candidates will also receive excellent mentoring from senior faculty to pursue successful independent careers. Please submit curriculum vitae, statement of research plans and three letters of recommendation to: Dr. Mitzi Nagarkatti, Chair, Department of Pathology, Microbiology, and Immunology, University of South Carolina School of Medicine, Columbia, SC 29084 through e-mail: cobre@uscmed.sc.edu.

The search will start immediately and continue until the positions are filled. USCs Columbia is an Equal Opportunity/Affirmative Action Employer and encourages applications from women and minorities and is responsive to the needs of dual career couples.

FISH BIOLOGIST
Tenure-Track Faculty Position

The Department of Biological Sciences and the Environmental Studies Program at Western Michigan University (WMU) seek applications for a jointly appointed tenure-track position with specialization in Fish Biology at the rank of ASSISTANT PROFESSOR beginning in fall 2014, pending budgetary approval. A Ph.D. and relevant postdoctoral experience are required. The successful candidate will participate in a new interdisciplinary undergraduate Freshwater Science and Sustainability major, establish an extramurally funded research program, participate in the training of Master’s and Ph.D. students, and serve on departmental and university committees. Some teaching in an online or hybrid format will be required in collaboration with the Great Lakes Water Studies Institute at Northwestern Michigan College in Traverse City, Michigan (website: https://www.nmich.edu/resources/water-studies/). The Institute has excellent research facilities on Lake Michigan available to the candidate.

Information concerning the Biological Sciences Department’s and the Environmental Studies Program’s faculty and programs can be obtained at websites: http://www.wmich.edu/biology/ and http://www.wmich.edu/environment, respectively. Western Michigan University is a learner centered, discovery driven and globally engaged research institution and a U.S. News and World Report top 100 public university, with a growing graduate program that offers a unique opportunity for individuals seeking a balanced research and teaching career. The Carnegie Foundation for the Advancement of Teaching has placed WMU among the 139 public institutions in the nation designated as research universities with high research activity.

Applicants should visit website: http://www.wmujobs.org/applicants/CentralQuickFind/53580 to apply. To apply please send letter of application, curriculum vitae, statements of research interests and teaching philosophy, and have three letters of reference sent to: Maarten Vonhof, Ph.D., Fish Biologist Search Committee, Department of Biological Sciences, Room 3441 Wood Hall, Western Michigan University, Kalamazoo, MI 49008-5410. Applications are due November 30, 2013, but will be considered until position is filled.

WMU is an Affirmative Action/Equal Opportunity Employer consistent with applicable federal and state law. All qualified applicants are encouraged to apply.

The University of Maryland is recruiting for a RESEARCH ASSOCIATE to join our dynamic group of NIH-funded translational pain scientists. Our primary focus is on the role for neurotrophin signaling in the development and persistence of neuropathic pain. We also utilize transcriptomic and genetic analyses to identify new candidate pathways that, when perturbed, reduce pain. Preferred skills include expertise in single cell electrophysiology, whole cell patch clamp and familiarity with, or experience with, optogenetic techniques. Candidates should have a Ph.D. in neuroscience or related field with at least four years of postdoctoral experience. Applicants should submit a letter of interest, résumé, and the names of three professional references to Susan G. Dorsey (e-mail: sdorsey@umaryland.edu).

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


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