ASSISTANT OR ASSOCIATE PROFESSOR in Reproductive/Developmental Biology
Johns Hopkins University
Bloomberg School of Public Health

The Department of Biochemistry and Molecular Biology at The Johns Hopkins Bloomberg School of Public Health invites applications for a tenure-track Assistant or Associate Professor position in the areas of reproductive and developmental biology, broadly defined. Preference will be given to outstanding young scientists, but applications from more senior individuals (up to mid-career) will receive serious consideration.

The Department is home to the Division of Reproductive Biology, which has enjoyed a long and rich history as a national center for reproductive biology research and training. Areas of emphasis in the Department, including stem cell biology, genome biology, cell biology, stress response pathways, DNA repair and protein quality control, epigenetics and cellular differentiation, complement those in the Division. The close proximity to the School of Medicine provides opportunities for meaningful interactions with other basic scientists and clinicians. The individual we seek will contribute to and benefit from this highly interactive and collegial environment.

Information about the application process and recent faculty hires can be found at website: http://www.jhphp.edu/department/faculty/opps. Applications will be accepted until January 15, 2012. We actively encourage applications from women and minority candidates. The Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer.

VISITING ASSISTANT PROFESSOR in Environmental Science and Policy

The Environmental Science and Policy program at Smith College invite applications for a two-year appointment as a Visiting Assistant Professor, to begin July 1, 2012. We seek a candidate with strong quantitative skills and an integrative environmental degree or extensive experience in environmental science or policy. For more information and to apply, visit website: http://jobs.smith.edu. Review of applications will begin December 1, 2011. Smith College is an Equal Opportunity Employer encouraging excellence through diversity.

POSTDOCTORAL FELLOWSHIP
Harvard Medical

We are seeking a motivated individual to join our studies on molecular mechanisms of lung injury and repair in animal models of disease. We focus on pulmonary hypertension, chronic lung disease and the pathophysiology of hypoxia. Current projects explore the therapeutic potential of stem cells on lung disease and the cytotoxic and anti-inflammatory functions of Heme Oxygenase. The successful candidate will command significant resources to apply cellular, biochemical, and genetic approaches in the study of oxygen-regulated signaling pathways and gene expression. A Ph.D. or equivalent degree is required, and a strong background in molecular biology or a related discipline is highly desirable. Previous research experience in stem cells, inflammation, or oxidant stress will complement current research direction. Please mail curriculum vitae and contact information for three references to: Professor Stella Kourembanas Department of Pediatrics, Harvard Medical School Chief, Division of Newborn Medicine Children’s Hospital Boston 320 Longwood Avenue Boston, MA 02115 Or send material electronically to e-mail: sarah.gately@childrens.harvard.edu.

FACULTY POSITIONS
UC San Diego Department of Bioengineering

The Department of Bioengineering in the Jacobs School of Engineering at the University of California, San Diego is inviting applications for one or more Tenure-Track or Tenured Faculty Positions at the ASSISTANT PROFESSOR, ASSOCIATE PROFESSOR, or FULL PROFESSOR levels. To obtain more information or submit your application materials, go to website: https://apol-recruit.ucsd.edu/apply and apply to position number 10-341.

FACULTY POSITIONS

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MICROBIOLOGIST

Tenure-track ASSISTANT PROFESSOR position available August 2012. Earned doctorate in Microbiology or related discipline required; research interests using molecular approaches to address current problems in Microbiology are highly desirable. Successful applicant must be qualified to teach Microbial Physiology, Microbial Ecology, General Microbiology, and special topics courses or graduate courses as needed. Candidate is expected to establish an active, externally funded research program involving graduate and/or undergraduate students. Finalists must successfully complete the interview process and teaching demonstration. Mail one copy of all official university transcripts, statements of teaching and research philosophies, curriculum vitae, and three letters of recommendation to: Dr. Xin Fan, Department of Biology, West Chester University, West Chester PA 19383 or e-mail: microbiology.search@wcupa.edu. Review of completed applications begins on January 6, 2012 and continues until position is filled. For more details and full ad visit website: http://www.wcupa.edu/scripts/vacancies/v-list.asp, call telephone: 610-436-2281 or e-mail: xfan@wcupa.edu. Affirmative Action/Equal Opportunity Employer. Women and minorities are strongly encouraged to apply. The filling of this position is contingent upon available funding. All offers of employment are subject to and contingent upon satisfactory completion of all pre-employment background and consumer reporting checks.
University of North Dakota
Founding Chair of Basic Sciences

The University of North Dakota School of Medicine and Health Sciences (UND SMHS), Grand Forks, seeks a Founding Chair of Basic Sciences to consolidate and lead four new separate departments: Anatomy and Cell Biology; Biochemistry and Molecular Biology; Microbiology and Immunology; and Pharmacology, Physiology and Therapeutics. The Founding Chair of Basic Sciences will work with the SMHS administration and basic science faculty to create one coherent and highly functioning department, to establish a common vision, and to create a departmental culture that is productive, collaborative and innovative in teaching, research and service. As North Dakota’s only medical school, SMHS is uniquely positioned to make an important difference to the health of the population of the state and the region.

The Founding Chair of Basic Sciences will actively support faculty in their various teaching, research, and service endeavors; play a significant role in supporting and expanding basic science research output and funding at SMHS; establish a unified tenure and promotion process; and build a consolidated, interdisciplinary graduate program with uniform policies, procedures and approaches. The Founding Chair of Basic Sciences will be a key member of the SMHS senior leadership team which will be instrumental in recruiting outstanding faculty, students and staff. The University seeks a visionary leader who will serve as a compelling advocate for basic science research initiatives within the university, with potential funding sources, and with other external constituencies.

Required Qualifications:
- Ph.D., M.D., or equivalent terminal degree;
- academic work appropriately qualified for appointment as Professor at the UND SMHS; a distinguished record of teaching and extramurally funded research.

Preferred Qualifications:
- Demonstrated success leading in a basic science department, division, or center/institute; a successful track record of recruitment and development of faculty and students; a national reputation as an academic leader, with significant current or recent sponsored research funding as a principal investigator; a record of solid performance as a skilled manager with the ability to meet budgets, allocate resources, develop people, work collaboratively, and develop innovative approaches to achieve goals; experience in the development and successful implementation of new research programs; a proven track record of working collaboratively across disciplines and across the University; management education or training a plus.

Nominations and/or letters of application may be sent electronically to the Search Consultants who are assisting this search:
- Karen Otto, Senior Vice President or Catherine Haley Will, Ph.D. Senior Consultant or Claudia Teschky, Senior Consultant
- Witt/Kieffer
- 2015 Spring Road, Suite 510
- Oak Brook, Illinois, 60523
- UNDBasicScience@wittkieffer.com
- Phone: 630-990-1370; Fax: 630-990-1382.

Consideration of candidates will begin in October and will continue until the position is filled.

*Any submission regarding this opening is subject to the open records laws under North Dakota statutes. The names of all candidates and nominees are a matter of public record under the open meetings-open records statutes and policies of the State of North Dakota. Prior to nomination or declaration of candidacy, individuals who may want information on the position are invited to call the Search Consultant.*

The University of North Dakota is dedicated to academic and research excellence, achieved through building a culturally diverse community. The University of North Dakota is an equal opportunity/affirmative action employer and actively seeks and encourages expressions of interest and applications from women, persons with disabilities, and members of underrepresented populations.

Baylor University is pleased to accept applications and nominations for the chair of the Department of Biology to begin August 2012. Candidates in cell and molecular biology who investigate basic biological questions with application to health sciences are encouraged to apply. The chair will lead an expansion of research in cell and molecular biology while supporting established research in ecology and organismal biology. The successful candidate must be committed to excellence in undergraduate and graduate education, including support of innovative learning paradigms. For full consideration, applications must be received by January 15, 2012. Additional information is available at http://www.baylor.edu/hr/index.php?id=79678 or from Ken_Wilkins@baylor.edu.

Chartered in 1845 by the Republic of Texas, Baylor University is the oldest university in Texas and the world’s largest Baptist University. Baylor’s mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community. Baylor is actively recruiting new faculty with a strong commitment to the classroom and an equally strong commitment to discovering new knowledge as Baylor aspires to become a top tier research university while reaffirming and strengthening its distinctive Christian mission as described in Baylor 2012.

Baylor is a Baptist university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Employment Opportunity Employer, Baylor encourages minorities, women, veterans, and persons with disabilities to apply.
STATE-OF-THE-ART LABORATORIES OVERLOOKING THE RED SEA

The complexity, diversity, and mystery of the Red Sea provide massive potential for breakthrough science. Located on the shores of the Red Sea, King Abdullah University of Science and Technology is leading fundamental and integrated research from the molecular level to the physical and chemical environment in which the whole ecosystem exists. The Red Sea is home to several different extreme environments such as deep brines and cold seeps, as well as warm deep-water and hypoxic layers. The Red Sea also contains the longest coral reef system in the world. With state-of-the-art facilities, the Red Sea Research Center (RSRC) is paving the way for leading-edge research into these ecosystems.

FACULTY POSITIONS
We seek creative and independent scientists with specific interests in Biological Oceanography, Marine Biology/Marine Ecology, and Genomics. Colleagues are invited to join our faculty at the Assistant, Associate, or Full Professor level with expertise in areas of:

- Extreme Environments Biology
- Benthic Ecology

MASTER’S PROGRAM
Undergraduate students interested in the University’s Marine Science MSc program are also invited to apply. The general scholarship program of the University is the KAUST Fellowship and all students are evaluated for financial support under the KAUST Fellowship. When awarded, the scholarship supports students for the duration of their graduate studies. Benefits include:

- Full tuition support
- Monthly living allowance ($20,000 annually)
- Housing
- Medical and dental coverage
- Relocation support

Faculty and master’s program applications should be sent to:
Marine.Science@kaust.edu.sa
Please include your CV, a cover letter, and two letters of reference.

King Abdullah University of Science and Technology is an international, graduate-level university committed to advancing science and technology through transdisciplinary research, education, and innovation. The University’s unique matrix structure supports both basic and goal-oriented research in the globally significant areas of energy, water, food, and environment to benefit Saudi Arabia and beyond.
online @sciencecareers.org

The Friedrich Miescher Laboratory of the Max Planck Society invites applications for two Max Planck Research Groups

We seek outstanding early-career scientists in the field of biology who have demonstrated excellence, originality and productivity in research. Successful candidates will develop an internationally competitive research program and will participate in graduate teaching. The Friedrich Miescher Laboratory (FML) is an institution of the Max Planck Society dedicated to promoting early-career scientists. The FML is located on the Max Planck Campus in Tübingen (Germany) in direct vicinity to the Max Planck Institutes for Developmental Biology, Biological Cybernetics and Intelligent Systems. We will consider applications in any area of biology, but particularly encourage applications by scientists whose research program complements the spectrum of research at the FML (http://fml.tuebingen.mpg.de) or bridges research areas represented on campus (http://tuebingen.mpg.de). These include, but are not limited to, cell biology, biochemistry, structural, evolutionary, developmental and computational biology, as well as genetics and neuroscience.

Successful candidates will be offered a Max Planck Research Group for a period of five years with the possibility of extension (2 x 2 years). Funding includes the group leader position (equivalent to assistant professor level) as well as additional research positions, budget, and investments. The cumulative amount of funding is competitive with top class start-up packages of international career development programs. Detailed information is available at: http://www.mpg.de/279341/Max_Planck_Research_Groups

Applications should be submitted at http://www.mpg.de/mprg/krith and should include curriculum vitae, a list of publications, copies of up to three publications, a one-page summary of scientific achievements and a two-page research plan. Each candidate is asked to arrange for two reference letters to be uploaded at the same address.

The deadline for applications, including reference letters, is 30 November 2011. A symposium is planned at the FML in Tübingen on 9 February 2012.

Questions may be directed to the Managing Director of the FML, Prof. Christiane Nüsslein-Volhard, at christiane.nusslein-volhard@tuebingen.mpg.de or to any of the current group leaders.

The Max Planck Society is committed to equal opportunities, to addressing the family needs of employees, and to employing individuals with disabilities.

The Center for Stem Cell Biology (CSCB) and the Developmental Biology Program are seeking innovative individuals who have strong records of research accomplishments in stem cell biology for tenure-track positions at the Assistant Member level (equivalent to Assistant Professor). The CSCB was established to further the interaction of researchers with active stem cell research programs at the Center, to enhance and build novel stem cell related resources and to recruit leading-edge stem cell faculty. The CSCB is interested in research in any aspect of stem cell biology, including the study of stem cells in model organisms, tissue stem cells and the biology and application of human embryonic stem cells or induced pluripotent stem cells. Candidates with a strong interest in applying developmental approaches to studying stem cell biology are particularly encouraged to apply.

Applicants should have a PhD and/or MD degree, a productive postdoctoral experience, dedication to important problems in stem cell biology, and the potential to develop a strong independent program in stem cell research. Successful candidates will be appointed in the Developmental Biology Program and will become a member of the CSCB. Successful candidates are also eligible to hold additional appointments at the Gerstner Sloan-Kettering Graduate School of Biomedical Sciences, the Weill Cornell Graduate School of Medical Sciences, or the Tri-Institutional MD/PhD Training Program.

Successful applicants will have access to outstanding resources including expanded state-of-the-art facilities for human pluripotent stem cells, high-throughput chemical and genetic screening, mouse genetics, genomics, flow cytometry, advanced imaging and cancer biology. Memorial Sloan-Kettering offers a unique and exciting multidisciplinary research environment. Faculty in the CSCB participate in the Tri-Institutional stem cell initiative (with Weill Cornell and Rockefeller University) that links stem cell researchers across neighboring institutions.

The deadline for applications is November 15, 2011. Interested candidates should visit http://facultystaffsearch.skl.edu to access the on-line faculty application. The site contains important information on the required application materials as well as deadlines for submission of letters of reference.

Inquiries may be sent to Tiffany Lennon at lennont@mskcc.org, to Dr. Lorenz Studer, Director CSCB, at studerl@mskcc.org or to Dr. Kathryn Anderson, Chair Developmental Biology Program, at k-anderson@ski.mskcc.org.

Memorial Sloan-Kettering Cancer Center is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment. All qualified individuals are encouraged to apply.

FACULTY POSITIONS: CENTER FOR STEM CELL BIOLOGY & DEVELOPMENTAL BIOLOGY PROGRAM

UNDERGRADUATE
Science Research Scholarship Awards
- Scholarships up to $25,000
- A paid summer internship at a Merck facility with stipend totaling more than $5,000
- Mentoring and networking opportunities
- Eligibility: College juniors, science or engineering majors, 3.3 GPA

GRADUATE
Science Research Dissertation Fellowships
- Fellowships up to $53,500
- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree candidates engaged in dissertation research in the biological, chemical, or engineering fields

POSTDOCTORAL
Science Research Fellowships
- Fellowships up to $92,000
- Mentoring and networking opportunities
- Eligibility: Ph.D. or equivalent degree candidates in the biological or chemical research fields

APPLY ON-LINE
http://umsi.uncf.org
Submit by December 1, 2011
T 703 205 3400
F 703 205 3550
E uncfmerck@uncf.org

SCIENCE SCHOLARSHIPS AND FELLOWSHIPS
UNCF/MERCK SCIENCE INITIATIVE

The UNCF/Merck Science Initiative is an innovative approach that creates opportunities in the biological, chemical and engineering sciences for African American students throughout the country.
Assembling Faculty Leaders

The University of Chicago has launched a unique, interdisciplinary Institute for Molecular Engineering (IME) with the aim of assembling a faculty to address some of the biggest technological challenges facing humanity in energy, environmental stewardship, healthcare, biotechnology, information, and communications. To tackle these problems, and educate a new generation of engineers, the IME will hire faculty in areas spanning a range of expertise in molecular engineering. Initial hires will be made into a minimum of four endowed chairs. These chairs will be filled by senior faculty members with demonstrated accomplishment and intellectual leadership and who will participate in building clusters of talent to carry out the research and education missions of IME. An independent unit within the University, IME is also formally affiliated with Argonne National Laboratory. Joint appointments with Argonne or other University units will be encouraged where appropriate.

Important areas for initial hires include:
- Materials synthesis, including organic, inorganic, and semiconductor materials
- Device fabrication and assembly at the micro- and nano-scales
- Quantum information engineering
- Imaging and other structural tools
- Biological and biomedical engineering, including synthetic and systems biology, bio-inspired materials, and regenerative medicine
- Medical diagnostics and therapeutics
- Computational engineering, including multi-scale modeling and prediction

Learn more at molecularengineering.uchicago.edu/science

Matthew Tirrell, pioneering researcher in biomolecular engineering and nanotechnology, leads IME as the founding Pritzker Director. An expert in the manipulation and measurement of the surface properties of polymers, Tirrell has provided new insight into polymer properties, especially surface phenomena such as adhesion, friction, and biocompatibility. His work has produced new materials based on self-assembly of synthetic and bio-inspired materials. Tirrell’s previous appointments include dean of engineering at UC Santa Barbara and chair of bioengineering at UC Berkeley.

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

The Research Group “Computational Biology and Evolutionary Genomics”, headed by Michael Hiller, invites applications for Postdoctoral positions.

We are seeking researchers interested in genome-wide computational analysis and comparative genomics but also with a deep interest in species biology and natural history. Our work involves many aspects of computational biology, genomics, evolution, computer science as well as molecular and developmental biology. The group is jointly affiliated with the Max Planck Institute for the Physics of Complex Systems and with the Max Planck Institute of Molecular Cell Biology and Genetics as part of the joint Center for Systems Biology in Dresden, Germany. Both institutes are highly interactive and interdisciplinary workplaces and provide an international atmosphere with English as the official language.

The qualified applicants should have:
- a PhD in computational biology, bioinformatics or a related area
- a passion for developing and using computational tools to analyze large biological data sets
- the desire to learn about other fields in biology
- excellent written and verbal communication skills
- a strong publication record.

High motivation and the ability to work both independently and in a team of computational and experimental researchers are also required. Good experience with scripting languages (perl, python), C or C++, SQL and Linux shell tools are an advantage.

The Max Planck Society is committed to employing more handicapped 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.

If you are interested, please email a single pdf file containing:
- your CV including publication list and contact information for three references
- a 1 page summary of previous research
- a 1 page statement of future research interests
- selected publications (maximum of 3)

to Michael Hiller (hiller@mpi-cbg.de or hiller@pks.mpg.de) using the subject line „Postdoc application“ by November 25, 2011.

Assistant Professor
Evolutionary Developmental Biology of Animals
Cornell University

Cornell University, located in Ithaca, New York, is an inclusive, dynamic, and innovative Ivy League university and New York’s land-grant institution. Its staff, faculty, and students impart an uncommon sense of larger purpose and contribute creative ideas and best practices to further the university’s mission of teaching, research, and outreach.

The Department of Ecology and Evolutionary Biology invites applications for tenure-track appointments as Assistant Professor in evolutionary developmental biology of animals. We are particularly interested in candidates whose research investigates the developmental genetic basis of evolutionary novelty, convergence, or differences in body plans, although candidates with related interests are also encouraged to apply. We will consider applicants who study patterns and mechanisms of evolutionary change within groups of closely related organisms or across broad phylogenetic expanses of taxa. The position bridges evolutionary biology, developmental biology and genetics and the successful candidate must demonstrate research accomplishments at the highest level in these intersecting fields.

The successful candidate will be expected to develop a well-funded, innovative research program with a national and international reputation, to participate in undergraduate and graduate teaching in evolutionary biology and evolutionary developmental biology, and to contribute to evolutionary and developmental life sciences across the Cornell campus. Cornell’s faculty in the life sciences is highly collaborative and outstanding research facilities are available.

Application Procedure: Candidates should submit a curriculum vitae, statement of research interests, statement of teaching interests and experience, list of publications, and a selection of no more than 5 representative papers. Candidates should also arrange for 3 letters of reference to be uploaded.

Apply via website https://academicjobsonline.org/ajo/jobs/1145. Inquiries can be directed to either of the co-chairs of the search committee: Prof. Richard G. Harrison or Prof. Amy R. McCune at evodevresearch@cornell.edu. Review of applications will begin December 1, 2011, and continue until the position is filled.

Salary: Competitive, commensurate with background and experience.

Qualifications: Applicants should have a Ph.D., demonstrated excellence in research in the field of “evo-devo,” a strong interest in collaborative research, and a dedication to excellence in teaching of evolutionary biology. Post-doctoral experience is highly desirable.

Brooklyn College
City University of New York

The Department of Biology seeks candidates for two full-time tenure-track positions to begin fall 2012, subject to financial ability. Lab space and start-up funds for research will be provided for both these positions. The successful candidates will join a research-active department of 17 faculty with expertise in microbiology, molecular and cell biology, bioinformatics, and behavioral neurobiology.

Assistant/Associate or Full Professor of Biology - Molecular Systematics and Evolutionary Biology – Job ID#4592

We seek a biologist who has or will develop a strong externally-funded research program emphasizing systematic and molecular approaches in ecology, environmental biology, evolution, or related areas. The position also involves teaching undergraduate and graduate courses and participation in the CUNY Biology Doctoral Program. A Ph. D. in biology or a related field is required.

Assistant Professor of Biology
Prokaroyactic Biology – Job ID# 4593

Biologist to develop a strong externally-funded research program, teach undergraduate and graduate courses that relate to the candidate’s professional background, and participate in the CUNY Biology and/or Biochemistry Doctoral Program. Ph.D. in Microbiology or related discipline is required.

For complete job descriptions and application instructions, please see www.brooklyn.cuny.edu/faculty2012
PROFESSOR

X-ray Science and Applications for Sustainable Energy

Risø DTU invites applications for a position as Professor with special assignments (MSA) in research. The research will focus on development and use of synchrotron based x-ray techniques for in situ studies of materials of relevance for sustainable energy applications.

Application deadline: 11 November 2011

DTU is a technical university providing internationally leading research, education, innovation and public service. Our staff of 5,000 advance science and technology to create innovative solutions that meet the demands of society; and our 7,000 students are educated to address the technological challenges of the future. DTU is an independent academic university collaborating globally with business, industry, government, and public agencies.

Further details: dtu.dk/career

The Sainsbury Laboratory, University of Cambridge

The Sainsbury Laboratory, University of Cambridge is a new research institute situated in the Cambridge University Botanic Garden. The aim of the Laboratory is to elucidate the regulatory systems underlying plant development, by integrating biological experiment and computational modelling. We are seeking to appoint researchers wishing to establish innovative research programmes relevant to these goals.

Research Group Leaders

Posts include salary, benefits, ample office and laboratory space, administrative support, and substantial unrestricted research funds. Support is initially for five years. Subject to a rigorous peer-review process, appointment is renewable in 5 year instalments, with the possibility of tenure in an appropriate University Department.

Career Development Fellows

Posts include full salary, benefits, ample office and laboratory space, administrative support, and £40,000 p.a. of unrestricted research funds. Appointment is initially for three years, with extension for a further two years contingent on a successful scientific review. The Fellowships are not renewable, but Fellows are free to apply for Group Leader positions within the Laboratory.

Facilities

The Laboratory provides an outstanding research environment. There are excellent resources and core facilities, with state-of-the-art equipment and instrumentation including growth rooms, glasshouses, microscopy and computing facilities. It provides a collaborative atmosphere where scientists can take risks in a supportive environment.

Further details are available at: http://www.slcu.cam.ac.uk/index.html

Completed applications should be sent by e-mail to: Enquiries@slcu.cam.ac.uk

The USC Leonard Davis School of Gerontology, the oldest and leading school in the field, seeks a dynamic Dean with stature in any of the fields related to aging, with a vision of the future of gerontology and the role of the Davis School. The Dean will be the academic leader of the school, foster its multidisciplinary research and teaching, and forge productive links with other USC schools. The Dean will be expected to be a bold entrepreneur, generating new academic resources through philanthropy, enhancement of the funded research program, and novel initiatives such as expanded online master’s and non-degree (continuing education) programs. The Dean is the chief executive officer of the school, reports to the Provost, and is a member of the Provost’s Council.

The Ethel Percy Andrus Gerontology Center, founded in 1964, is the applied research and services component of the Davis School, which was founded in 1975. Together they are leaders in multidisciplinary teaching and research on aging. Areas of excellence include molecular biology, neuroscience, demography, psychology, sociology and public policy. Graduates of the school hold senior positions throughout the world.

The Davis School has initiated numerous innovative educational programs including the first Ph.D. in Gerontology, the first joint Master’s degree in Gerontology and Business Administration, and the first B.S. in a Health Science Track and a B.A. in Lifespan Health. A pioneer in distance learning, the Davis School offers online Master of Arts in Gerontology and Master of Arts in Long Term Care Administration degrees. Nine joint master’s degrees are offered with other USC schools.

The Davis School has 26 full-time faculty, 24 joint appointments with other USC schools, and 11 adjunct faculty. The distinguished faculty includes winners of most of the major research prizes in gerontology, editors-in-chief of two of the four Journals of Gerontology, and former holders of major government and NGO leadership positions. In addition to funded research in the individual laboratories, there are larger projects in biogerontology (The Alzheimer’s Disease Research Center and the Biology of Aging Program), biodemography (the USC/UCLA Center on Biodemography and Population Health), policy and social services research (The Fall Prevention Center of Excellence and the California Center for Long Term Care Integration) and the social and behavioral sciences (the Long Beach Longitudinal Study and the Longitudinal Study of Generations). The University Wide Aging Nexus at USC, also based at Andrus, links research and training on aging-related topics by 81 USC faculty.

USC is one of the world’s leading private research universities. Located in Los Angeles, one of the most dynamic and diverse cities and a global center for arts, technology and science, and international trade, USC enrolls more international students than any other US university. With a strong tradition of integrating liberal and professional education, USC fosters a vibrant culture of public service and encourages students to cross academic as well as geographic boundaries in their pursuit of knowledge. USC recently announced a $6 billion campaign, the largest fund raising effort in the history of higher education, and has already raised $1.2 billion in the past 12 months, a record year for any university. More information about the University can be found at usc.edu.

Candidate credentials will be reviewed from October to December 2011. Nominations, applications, and expressions of interest, including CV and professional references, should be sent to:

Nicholas Brill
Brill Neumann Associates
uscgerontology@brillneumann.com

For more information about the school, please visit http://www.usc.edu/gerontology

USC strongly values diversity and is committed to equal opportunity in employment. Women and men, members of all racial and ethnic groups, people with disabilities, and veterans are encouraged to apply.
PICTURE YOURSELF AS A
AAAS SCIENCE & TECHNOLOGY
POLICY FELLOW

Make a Difference.
Help give science a greater voice in Washington, DC! Since 1973, AAAS Fellows have applied their skills to federal decision-making processes that affect people in the U.S. and around the world, while learning first-hand about the government and policymaking.

Join the Network.
Year-long fellowships are available in the U.S. Congress and federal agencies. Applicants must hold a PhD or equivalent doctoral-level degree in any behavioral/social, biological, computational/mathematical, earth, medical/health, or physical science, or any engineering discipline. Individuals with a master’s degree in engineering and three years of post-degree professional experience also may apply. Federal employees are not eligible and U.S. citizenship is required.

Apply.
The application deadline for the 2012-2013 AAAS Fellowships is 5 December. Fellowships are awarded in the spring and begin in September. Stipends range from $74,000 to $97,000.

Note: Additional fellowships are available through approximately 30 scientific society partners. Individuals are encouraged to apply with AAAS as well as with any scientific societies for which they qualify.

Full details at: fellowships.aaas.org
The Norbrook Chair in Pharmaceutical Science

Ref: 1212265/SC

The University has recently established a Department of Pharmacy and Pharmaceutical Sciences and is committed to its development as an area of excellence. Significant progress has already been achieved in this regard. The Department of Pharmacy and Pharmaceutical Sciences is part of the School of Biomedical Sciences and will make a significant contribution to the Biomedical Sciences Research Institute. Biomedical Sciences research at Ulster has a national and international reputation achieving top scores in the last three UK-wide Research Assessment Exercises.

Following the receipt of a generous gift from Norbrook Laboratories Ltd the University wishes to appoint an outstanding individual to the founding Norbrook Chair in Pharmaceutical Science. The appointee to this prestigious position will provide research leadership, establish internationally competitive agenda-setting research at Ulster and extend the University’s focused research portfolio in pharmaceutical formulation, novel drug delivery, and pharmaceutical science.

The successful applicant will have an outstanding academic or industrial track record, with a strong focus on fundamental and translational research in the area of drug formulation and pharmaceutical science.

The appointee will be offered a permanent professorship within the Department of Pharmacy and Pharmaceutical Sciences and will hold the title of the Norbrook Chair in Pharmaceutical Science for an initial period of five years. The Norbrook Chair includes a significant support package with access to a substantial, successful core facility infrastructure including technical and other support. An attractive reward package, including a competitive starting salary, access to a pension scheme and financial assistance with relocation expenses is also available.

The post will be based at the Coleraine campus and is available from an early date, mutually convenient to the University and the successful candidate.

The closing date for receipt of completed applications is 25 November 2011.

We prefer to issue and receive applications via our on-line recruitment website at www.ulster.ac.uk/jobs

Hard copy applications can be obtained by telephoning 028 7012 4072

The University is an equal opportunities employer and welcomes applicants from all sections of the community, particularly from those with disabilities. Appointment will be made on merit.

Post Doctoral Position

A postdoctoral position is available in the laboratory of Micah Worley in the Department of Biology at the University of Louisville.

Position Description: The postdoc will join ongoing projects, which utilize bacterial and mammalian genetics, molecular biology, and biochemistry, to understand how Salmonella subverts macrophages. Candidate must have a strong interest in infectious disease research.

Minimum Qualifications: Ph.D., MD or DVM and 0 to 3 years of related experience are required. The University offers market competitive salary and benefits.

How To Apply: To apply for this position, please go to this link http://louisville.edu/hr/ and click on view/apply for a job. Then click on View/apply for staff positions. Click position number 27634.

The University of Louisville is an Affirmative Action, Equal Opportunity, Americans with Disabilities Employer, committed to diversity and in that spirit, seeks applications from a broad variety of candidates.

VICE PRESIDENT and DIRECTOR SCIENCE EDUCATION PROGRAMS
(Reference# 11-096)

Oak Ridge Associated Universities (ORAU) is seeking a Vice President and Director of Science Education Programs (SEP) to lead and direct a program that accounts for about $200 million in annual expenditures. The successful candidate will be responsible for the design, implementation, operation and assessment of graduate and postgraduate fellowship, undergraduate scholarship, internship, and research participation programs, and other seminars, meetings, and events that support the development of a pool of talented science and technology professionals for the future. Lead the process of setting strategic direction, prioritizing tasks, planning current and future operations, and guiding the direction of science education program activities. Set the direction and lead by example to maintain ORAU’s position as a national leader and innovator in the operation of fellowship, scholarship, internship, teacher development, and other science education programs and activities. Maintain a healthy rate of growth for a diverse portfolio of programmatic activities. Develop new sources of funding and expand work with current program sponsors by assessing their needs, assisting in planning efforts, conceptualizing new programs, proposing new activities, negotiating final agreements, implementing new programs, evaluating activities, and building creative mechanisms to respond to sponsors’ needs. Provide oversight as needed to ensure that science education programs are managed in compliance with all federal and ORAU policies, procedures, guidelines and operating standards. Participate as a member of the ORAU management team. Participate in external conferences and serve on professional task forces, advisory committees, panels, and other state, regional, and national groups with a focus on strengthening science education to help keep ORAU in a strong leadership role.

JOB QUALIFICATIONS: The preferred candidate will have a Ph.D. in a research based, scientific discipline and more than 10 years job related experience in a university, a federal agency with a scientific mission, a federal laboratory or research center, or appropriate professional society or organization with a focus on science education. This requirement could also be satisfied with a master’s degree and appropriate relevant experience. Requires constant interaction with DOE managers, scientific staff in federal laboratories, faculty members and administrators in leading colleges and universities, and other research and education groups. Must be able to demonstrate a successful record of securing and managing federal funds. Must be conversant in a variety of scientific disciplines and have broad knowledge of science, scientific research, the role of the federal government in R&D, the operation of university research programs, and the activities of the full range of federal agencies with a scientific mission.

Review the full job description and apply online for Reference #11-096 at http://www.orau.org/careers/

ORAU is an Equal Opportunity/Affirmative Action Employer and maintains a drug free workplace.
An exceptional career requires insightful planning and management. That’s where Science Careers comes in. From job search to career enhancement, Science Careers has the tools and resources to help you achieve your goals. Get yourself on the right track today and get a real career plan that works. Visit ScienceCareers.org.
ENDOWED / TENURE TRACK FACULTY POSITION
STEM CELL BIOLOGY, NEUROSCIENCE OR VASCULAR/AGING RESEARCH
REYNOLDS OKLAHOMA CENTER ON AGING

The Reynolds Oklahoma Center on Aging (http://www.ouhsc.edu/geriatricmedicine/roca/) at The University of Oklahoma Health Sciences Center (OUHSC) invites applications for a tenure-track endowed faculty position with rank commensurate with qualifications. The position is part of the on-going expansion of the Reynolds Oklahoma Center on Aging (the Research Division of the Department of Geriatric Medicine). The Department of Geriatric Medicine is one of only five in the entire country and this is a unique opportunity to work in a highly collaborative environment that is dedicated to understanding the aging process and age-related diseases. Exceptional candidates at any level are encouraged to apply. Candidates for appointment must show evidence of productive research accomplishments. NIH or NSF funding is required. Successful candidates are expected to develop and maintain an independent research program addressing fundamental questions in any research area that is related to aging or age-related disease. In addition, the successful candidate will be expected to form productive interactions within the Center on Aging related to our emerging programs in vascular cognitive impairment. We are particularly interested in candidates with expertise in adult stem cell biology related to neurogenesis and/or angiogenesis.

The endowed position includes a highly competitive salary, ample laboratory space, a start-up package and a $2M endowment. This position will include a cross-appointment in the Department of Physiology. Additional local funding is available on a competitive basis through the Oklahoma Center for the Advancement of Science and Technology (OCAST), NIH-sponsored institutional grants and the Oklahoma Center for Adult Stem Cell Research (OCASCR). OUHSC maintains outstanding core facilities that support confocal imaging, flow cytometry, mass spectrometry and gene chip technology (Affymetrix) for expression profiling and genetic analysis.

Please submit a single PDF file containing curriculum vitae, a description of current and future research plans, copies of representative publications (no more than three) as well as complete contact information for three references to William E. Sonntag, Ph.D., Chair Search Committee, 975 NE 10th Street, SLY-BRC 1303, Oklahoma City, OK 73104, or to william-sonntag@ouhsc.edu.

OUHSC is an Equal Opportunity Employer.

THE UNIVERSITY OF CHICAGO

The Department of Biochemistry and Molecular Biology at The University of Chicago invites applications for a tenure-track appointment at the Assistant Professor level. We seek scientists with outstanding potential for fundamental research in biochemistry or molecular biophysics, broadly defined, and a zest for teaching. We are especially interested in scientists whose research interests bridge fields within the department or ongoing initiatives with other departments involving biomedical research. We will provide a generous start-up package to prime a robust research program.

A doctoral degree is required. Applications must include curriculum vitae (including lists of publications and accomplishments) and future research plan. Please submit application materials to (academicleadership@uchicago.edu) by December 15, 2011. Applicants must also arrange for three letters of reference to be sent to Chair, Search Committee, Department of Biochemistry and Molecular Biology, 929 E. 57th Street, Room W225, Chicago IL 60637 or bmb@bsd.uchicago.edu.
FACTS & FICTION
Careers in Industry and Academia

Trying to figure out the next step in your career? Join us for a roundtable discussion that will look at facts and fiction surrounding academic and industry career options for PhD-level scientists. Get some nuts and bolts advice on how to research career options, what questions to ask, and how to best prepare for various careers.

- Do industry and academic careers require different skill sets?
- Do industry jobs have better compensation? Less autonomy?
- Do academic scientists have less work/life balance?

For answers view our roundtable discussion for free at:
ScienceCareers.org/webinar

Produced by the Science/AAAS Business Office.
California State University San Marcos seeks a Molecular Biologist with emphasis on cell structure and function for a tenure-track Assistant Professorship beginning in Fall 2012. Applicants must have a Ph.D. or equivalent degree in the biological/biochemical sciences with training and research in cell and molecular biology. Post-doctoral research and previous teaching experience are required. The successful applicant will have a strong commitment to undergraduate education and will develop an externally funded, independent research program involving CSUSM undergraduate and Master’s students. For additional information and details on the application process, please visit http://www.csusm.edu/facultyopportunities/.

Send application materials as email attachments to BIOLSearch@csusm.edu and as hard copy to:

Dr. Betsy Read
C/O Catalina Huggins
Department of Biological Sciences
California State University San Marcos
San Marcos, CA 92096-0001

A review of applications will begin on December 1, 2011. The position will be open until filled.

The university is particularly interested in candidates who have experience working with students from diverse backgrounds and a demonstrated commitment to improving access to higher education for under-represented groups.

For further information, contact the Molecular Cell Biologist Search Chair Dr. Betsy Read (bread@csusm.edu)

California State University San Marcos is an Affirmative Action/Equal Opportunity Employer.

Neurobiologist: Assistant Professor

We seek an outstanding researcher in neurobiology for appointment at the level of tenure-track Assistant Professor beginning in fall 2012. The successful candidate will join an interactive group of researchers with strengths in neurobiology and behavior. This individual will also play an integral role in an active interdepartmental Cellular & Behavioral Neurobiology Graduate Program (www.ou.edu/cbn). The successful applicant will have a Ph.D. degree and a demonstrated ability to conduct independent research as evidenced by publications. This individual will be expected to establish an externally funded research program, provide excellent training for graduate students and postdocs, and contribute to undergraduate and graduate teaching in the department. Applicants should submit a cover letter, complete curriculum vitae, research and teaching statements, and selected reprints/preprints as PDF files to Chair, Neurobiologist Search Committee, at zoology@ou.edu. Applicants should also arrange to have three signed letters of reference sent to zoology@ou.edu or Department of Zoology, 730 Van Vleet Oval, University of Oklahoma, Norman, OK 73019, USA. Visit us at http://zoology.ou.edu. Screening of candidates will begin 15 December 2011 and will continue until the position is filled.

The University of Oklahoma is an Affirmative Action/Equal Opportunity employer and encourages diversity in the workplace.

Multiple Faculty Positions in Marine Science

The University of Texas Marine Science Institute, established in 1941, is experiencing exciting growth in its nationally and internationally recognized research programs. Hence, The University of Texas at Austin invites applications for multiple faculty positions in the Department of Marine Science. We seek innovative and productive scientists at the forefront of their discipline who are addressing critical issues in marine science to join this expanding program. These positions, to be filled at any faculty rank, will be in the areas of:

- Microbial Ecology
- Nutrient Cycling
- Fish Physiology
- Fisheries Ecology

The positions are located at the Marine Science Institute in Port Aransas, Texas, which offers close proximity to a variety of unique estuarine and coastal habitats as well as excellent shoreside facilities for experimental work. Recent additions to infrastructure include the Mission-Aransas National Estuarine Research Reserve, an Estuarine Research Center, a Wetlands Education Center, and a Bay Education Center. Successful applicants will have the freedom to follow independent and collaborative research interests, and will be provided with 9 months of state-funded salary support for research (75%) and teaching (25%).

The University of Texas Marine Science Institute is responsive to needs of dual career couples and committed to building a multi-cultural work force. We strongly encourage women and racial/ethnic/gender minorities to apply. Review of applications will begin December 1, 2011. Further information is available at www.utmsi.utexas.edu/facsearch or contact Dr. Joan Holt at facsearch@utilists.utexas.edu.

Background check conducted on applicant selected.

The University of Texas at Austin is an Equal Opportunity Employer.
Learn how current events are impacting your work.

*ScienceInsider, the new policy blog from the journal* *Science*, *is your source for breaking news and instant analysis from the nexus of politics and science.*

Produced by an international team of science journalists, *ScienceInsider* offers hard-hitting coverage on a range of issues including climate change, bioterrorism, research funding, and more.

Before research happens at the bench, science policy is formulated in the halls of government. Make sure you understand how current events are impacting your work. Read *ScienceInsider* today.

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forging new pathways in green science

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Download this free booklet
ScienceCareers.org/LOrealWiS

CARDIOVASCULAR RESEARCH INSTITUTE-METABOLISM

UCSF’s Cardiovascular Research Institute (CVRI) and its partner departments seek new faculty members to develop high impact and sustainable research programs to broadly advance understanding of cardiovascular biology and disease. Appointments may be at the Assistant, Associate or Full Professor level. Primary academic appointments in a basic science or clinical department, membership in graduate programs, ongoing partial salary support, start-up funding, and laboratory space in the new Smith Cardiovascular Research Building on UCSF’s vibrant Mission Bay Campus will be provided. An advanced degree and substantial research background are required.

This search seeks programs focused on Metabolism. Programs across the broad spectrum of metabolism will be considered, including but not limited to basic metabolic physiology, host-microbial interactions, neuroendocrine regulation of energy balance, and the constellation of diseases categorized as metabolic syndrome. Applicants using metabolomics, genomics, and proteomics to investigate mammalian physiology are particularly encouraged to apply. Applications may be at the Assistant, Associate or Full Professor levels. The search is Chaired by Ajay Chawla and Eric Verdin.

Please visit http://www.cvri.ucsf.edu/CVRIDocuments/FacultySearch/ to learn more and to upload applications. CV, summary of current research (one page) and outline of future research (up to 3 pages) should be assembled as a single pdf document. Instructions regarding letters of recommendation are on the site. Contact Julie.tom@ucsf.edu with questions. Applications will be referred across searches if appropriate and will be considered starting October 15 and accepted until December 31, 2011.

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

FACULTY POSITION AT THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO

UCSF’s Cardiovascular Research Institute (CVRI) and its partner departments seek new faculty members with outstanding research programs in cardiovascular science or any area of basic or clinical science broadly related to cardiovascular biology. A successful applicant will be expected to develop a research program investigating any area from basic cell and molecular biology to clinical science and may use any model system from cells to C. elegans to zebrafish to mice or humans. Applicants that use synthetic chemistry to solve biological and biomedical problems are also encouraged to apply. Appointments may be at the Assistant, Associate, or Professor level. Laboratories will be located in a newly opened research building on UCSF’s vibrant Mission Bay Campus. Primary academic appointments in an appropriate basic science or clinical department, membership in graduate programs, ongoing partial salary support and start-up funding will be provided. An advanced degree and substantial research background are required.

Please visit http://www.cvri.ucsf.edu/CVRIDocuments/FacultySearch/ to upload curriculum vitae and brief summaries of research accomplishments (1 page) and future research plans (up to 2 pages). In addition, please request three letters of recommendation also be uploaded to the same site. Contact Julie.tom@ucsf.edu with questions. Applications will be accepted until December 2, 2011.

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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, a grants and scholarships database, webinars and downloadable booklets filled with practical advice, a community forum providing real-time 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 – connecting government to the scientific community.

As a part of its efforts to introduce fully open government, the White House is reaching out to the scientific community for a conversation around America’s national scientific and technological priorities.

To enable the White House’s dialogue with scientists, AAAS launched Expert Labs, under the direction of blogger and tech guru Anil Dash. Expert Labs is building online tools that allow government agencies to ask questions of the scientific community and then sort and rank the answers they receive.

On April 12, 2010, AAAS asked scientists everywhere to submit their ideas to the Obama administration and at the same time launched the first of Expert Labs tools, Think Tank, to help policy makers collect the subsequent responses. The result was thousands of responses to the White House’s request, many of which are already under consideration by the Office of Science and Technology Policy.

As a AAAS member, your dues support our efforts to help government base policy on direct feedback from the scientific community. If you are not already a member, join us. Together we can make a difference.

To learn more, visit aaas.org/plusyou/expertlabs
ASSISTANT/ASSOCIATE PROFESSOR

The Institute of Molecular Biology at the University of Oregon is seeking qualified candidates to join the Institute in work focusing on cell therapy for myocardial repair. Appointment will be at ASSISTANT/ASSOCIATE PROFESSOR level depending on qualifications. The successful candidate will have a track record of working with stem/progenitor cell lineages and have obtained substantial extramural funding. He/she will join a productive, highly collegial, and interdisciplinary team of investigators supported by state-of-the-art facilities and considerable funds. Submit letter of application with curriculum vitae and statement of research and teaching interests through Interfolio at http://bit.ly/6515271.

FACULTY POSITIONS

Arizona Center on Aging
The University of Arizona

Applicants are invited for Tenured/Tenure-Track positions at the ASSISTANT, ASSOCIATE, and FULL PROFESSOR rank, depending upon qualifications, at the Arizona Center on Aging, School of Medicine, University of Arizona College of Medicine, with a cross-appointment in one of the basic or clinical departments at the University of Arizona, depending upon the area of research expertise. Qualified applicants will develop strong, extramurally funded programs. Preference will be given to those candidates investigating how inflammation and innate immunity impact the process of aging and what are the sources and mechanisms behind increased mortality state in older age; applicants with outstanding programs in other areas of biology of aging related to inflammation, such as endocytinology, autophagy, sarkoza, or frailty research will be also considered. Successful applicants are expected to not only develop independent research programs and contribute to graduate (Ph.D.) and medical (M.D.) education, but also to invest a fraction of their effort to help build interactive and collaborative programs within and outside the Center to tackle larger biomedical problems relevant to human aging and age-related diseases.

The University of Arizona is amongst the top 20 public research and education universities, boasting excellent core facilities, strong departments and centers, as well as lively campus culture and life, and a blossoming recreations center. Located in sunny Tucson, a city with a vibrant multicultural population of approximately 100,000, the University of Arizona is a landgrant institution with the highest commitment to excellence in scholarship, teaching, and service. Applicants must have a significant record of scholarship in fundamental research and demonstrate great promise for developing a world-class research program. The search is open to cross-disciplinary initiatives involving other departments and centers at the University, including the interdisciplinarity Institute for Advanced Materials, Devices and Nanotechnology (IAMD) and the Bioinformatics Center for Quantitative Biology. We welcome outstanding applicants with particular emphasis on candidates with cross-disciplinary research interests. Applicants should submit a single PDF file containing their curriculum vitae and a four- to six-page detailed description of their research goals/vision to e-mail: search@chem.rutgers.edu. Candidates should separately arrange for at least three letters of reference to be sent. Rutgers University is an Equal Opportunity Affirmative Action Employer with a strong commitment to diversity. We are particularly interested in candidates who can contribute to the diversity of our community. The Department is diverse, ranking first in the number and percentage of tenured women faculty, and welcomes women and minority applicants. Further information can be found at website: http://chem.rutgers.edu.

Chemistry Faculty Search
Department of Chemistry and Chemical Biology
Rutgers, The State University of New Jersey
610 Taylor Road
Piscataway, NJ 08854
E-Mail: search@chem.rutgers.edu

TENURE-TRACK OPPHALMIC GENETICS POSITIONS
Johns Hopkins University

The Wilmer Eye Institute invites applications for two genetics faculty positions. One position, which can be at ANY RANK, is for an outstanding geneticist to develop an independent research program in any area of ophthalmic genetics. The second position is at the ASSOCIATE level for a candidate who is interested in collaborating with an individual who will join an already established human corneal genetics program. Applications should, by December 31, 2011, send curriculum vitae, a description of past accomplishments and future research plans, and at least three letters of reference to e-mail: dzack@jhmi.edu. Also see website: http://bioinfo.wilmer.jhu.edu/WilmerGenetics. Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer committed to recruiting, supporting, and fostering a diverse community.

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