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ScienceCareers.org
FACULTY POSITIONS

ASSISTANT OR ASSOCIATE PROFESSORS IN VIROMICS

San Diego State University is a leader in the metagenomics, ecology, bioinformatics, and genetics of viruses, particularly phages. Four new colleagues will be hired over the next 2 years. Successful candidates will join the recently established interdisciplinary Viral Information Group (Edwards, Rohwer, Salamon, and Segall). The goal of these hires is to create a highly creative, collaborative working group interested in viruses, particularly but not exclusively viruses of microbes, from the molecular to the ecosystem level. Successful candidates will interact with the Viral Information Group, Center for Microbial Sciences, Molecular Biology Institute, Computational Science Research Center, and colleagues across campus.

Genome Engineer/Synthetic Biologist – The Department of Biology seeks a scientist who will rationally modify organisms, for example by building operons, pathways, and/or genomes, employing modern genetic engineering methods and developing new approaches that permit testing hypotheses about biological processes and gene function predictions. Electronic applications should be sent to genoeng@mail.sdsu.edu (see below). Full description is found at http://www.bio.sdsu.edu/jobs/.

Biomathematical modeler – The Department of Mathematics and Statistics seeks a theorist with strong foundations in computational methods and the hard sciences and have demonstrated ability to apply these methods to modeling biological processes at the community, population, biochemical, and/or biophysical level, and develop novel probabilistic approaches and dynamical modeling techniques to predict new functional features of existing and newly engineered organisms. Electronic applications should be sent to biomath@mail.sdsu.edu (see below). Full description is found at http://www.math.sdsu.edu/jobopportunities/.

Biological Physicist – The Department of Physics seeks a biophysicist who uses optics and/or microfluidics to study reactions at the single cell or single molecule level. Desired approaches would include using single cell genomics to identify virus-host systems and using microfluidics and high throughput methods to dissect unknown protein function. Electronic applications should be sent to biophysics@mail.sdsu.edu (see below). Full description is found at http://www.physics.sdsu.edu/job-opportunities/.

Structural Biologist – The Department of Biology seeks a colleague who will employ physical and/or computational modeling techniques in the structural study of biological macromolecules and macromolecular interactions of viruses and host cells and/or viral-dependent modifications of host cells. Methods could include X-ray crystallography, cryo-electron microscopy, computational structural modeling, NMR microscopy for functional screens. Electronic applications should be sent to structbio@mail.sdsu.edu (see below). Full description is found at http://www.bio.sdsu.edu/jobs/.

ASSISTANT PROFESSOR IN EVOLUTIONARY GENOMICS/GENETICS

The Department of Biology seeks a creative, productive evolutionary biologist with research strengths in eukaryotic genomics or genetics. We are especially interested in candidates who use innovative experimental, computational and/or comparative approaches. Research area is open to studies of all eukaryotic organisms above or below the species level. Preference will be given to those candidates with a central focus in evolutionary biology who also clearly demonstrate cross-disciplinary research programs.

Candidates should have post-doctoral experience and a strong record of research accomplishments and funding. The successful candidate will participate in the MS and PhD programs in Evolutionary Biology and may also participate in the department’s MS and PhD programs in Cell and Molecular Biology, and Ecology. Electronic applications should be sent to evgenomics@mail.sdsu.edu (see below). Full description is found at http://www.bio.sdsu.edu/jobs/.

ASSISTANT OR ASSOCIATE PROFESSOR IN ECOSYSTEM AND LAND SURFACE MODELING

San Diego State University is a leader in climate change impacts on ecosystems and feedbacks to ecosystems from climate change and has strength in sustainability, climate modeling, and interactions of civilizations and climate. Four new colleagues will be hired over the next 2 years. In addition to this position, we are seeking a climate statistician (Mathematics; full description at http://www.math.sdsu.edu/jobops/).

Next year we will seek a regional climate modeler and an archaeologist working with the interaction of climate and civilizations. The successful candidates will join the recently established interdisciplinary Center on Climate and Sustainability Studies (C/SS) (Oechel, Shen, Lipson, Lai, Biggs, Braje, Laufer). Our goal is to create a highly productive, interactive center working on climate causes and feedbacks at all scales. The successful candidate will interact with the Center for Climate and Sustainability Studies, the Ecology Program Area, Math and Statistics, and colleagues across campus.

Ecosystem modeler – The Department of Biology seeks an Assistant or Associate level with expertise in modeling ecosystem and/or biosphere-atmosphere interactions who will collaborate with colleagues in carbon cycling, climate statistics, water resources, and human-environment interactions. Demonstrated experience in running dynamic vegetation models (DVM) and land surface models (such as NCAR CLM) to quantity biospheric feedbacks to the climate system are desirable. Electronic applications should be sent to ecosystem@mail.sdsu.edu (see below). Full description is found at http://www.bio.sdsu.edu/jobs/.

For each position, candidates must have a Ph.D. in an appropriate field; postdoctoral experience is preferred. Demonstrated research potential through a record of publications and funded grants is expected. Successful candidates will participate in one or more Master’s and Joint Doctoral programs, and will contribute to SDSU’s undergraduate and graduate teaching mission. Send a single pdf with a cover letter, curriculum vitae, statement of research, statement of teaching, and representative publications to the appropriate email. Review of applications will begin December 16, 2013 for the Viromics and Evolutionary Genomics positions, and January 18, 2014 for Ecosystem Modeling. Review will continue until the positions are filled.

SDSU is an Equal Opportunity/Title IX Employer.
**COLUMBIA UNIVERSITY**

**IN THE CITY OF NEW YORK**

**The 2014 Louisa Gross Horwitz Prize for Biology or Biochemistry**

The Louisa Gross Horwitz Prize was established under the will of the late S. Gross Horwitz through a bequest to Columbia University and is named to honor the donor’s mother. Louisa Gross Horwitz was the daughter of Dr. Samuel David Gross (1805-1889), a prominent surgeon of Philadelphia and author of the outstanding *Systems of Surgery* who served as President of the American Medical Association. Each year since its inception in 1967, the Louisa Gross Horwitz Prize has been awarded by Columbia University for outstanding basic research in the fields of biology or biochemistry. The purpose of this award is to honor a scientific investigator or group of investigators whose contributions to knowledge in either of these fields are deemed worthy of special recognition.

The Prize consists of an honorarium and a citation which are awarded at a special presentation event. Unless otherwise recommended by the Prize Committee, the Prize is awarded annually. The 2013 awardee(s) will be announced in December 2013.

**QUALIFICATIONS FOR THE AWARD**

The Prize Committee recognizes no geographical limitations. The Prize may be awarded to an individual or a group. When the Prize is awarded to a group, the honorarium will be divided among the recipients, but each member will receive a citation. Preference will be given to work done in the recent past.

Nominations must be submitted electronically at: [http://www.cumc.columbia.edu/research/horwitz-prize](http://www.cumc.columbia.edu/research/horwitz-prize)

All communications and materials must be written in the English language.

Re-nomination(s) are by invitation only.

Self-nominations are not permitted.

**Nominations should include:**

1) A summary, no more than 500 words long, of the research on which this nomination is based.
2) A summary, no more than 500 words long, of the significance of this research in the fields of biology or biochemistry.
3) A brief biographical sketch of the nominee, including positions held and awards received by the nominee.
4) A listing of up to ten of the nominee’s most significant publications relating to the research noted under item 1.
5) A copy of the nominee’s curriculum vitae.

**Deadline date:** January 31, 2014

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**MICHIGAN STATE UNIVERSITY**

**Rudolph Hugh Endowed Chair in Microbial Pathogenesis**

**Department of Microbiology and Molecular Genetics**

The Department of Microbiology and Molecular Genetics at Michigan State University ([http://www.mmg.msu.edu](http://www.mmg.msu.edu)) seeks candidates for the Rudolph Hugh Endowed Chair position at the Associate or Full Professor level in microbial pathogenesis. Applicants are sought with demonstrated expertise in the evolution of pathogenicity, bacterial pathogenesis, microbial ecology of infectious diseases, genetics of virulence, or host-microbe interactions; however, outstanding candidates in other related areas are encouraged to apply. A strong record of research accomplishment and an independent, externally funded research program with international visibility are required. The candidate will be expected to build and lead collaborative groups and to mentor junior faculty. Many opportunities exist to engage in collaborations through the BEACON Center for the Study of Evolution in Action, the Enteric Disease Research Investigational Network, the International Center of Excellence for Malaria Research, and Center for Microbial Ecology. Teaching within our graduate, professional, and/or undergraduate programs is expected. The offer will include a highly competitive startup package, laboratory facilities, and substantial annual discretionary funding from the Hugh Endowment.

Review of applications will begin immediately. The position will remain open until filled. Applicants must submit the following application items through the Human Resources (MAP) website at [https://jobs.msu.edu (position #8642)](https://jobs.msu.edu):

(a) Letter of interest which should provide a statement of current and future research and plans
(b) Curriculum vitae that includes a history of funding

In addition, applicants are asked to send the letter of interest and the names of three potential references (not to be contacted until approval is received from the applicant) via email to the Search Committee Executive Assistant at mmgchair@msu.edu. Questions regarding the position can be addressed to the chair of the search committee, Dr. Martha Mulks, at mulks@msu.edu.

**SYRACUSE UNIVERSITY**

**Assistant Professor in Biochemistry (070778)**

The Departments of Biology and Chemistry at Syracuse University are soliciting applications for the joint position of Assistant Professor of Biochemistry. The successful applicant will have a PhD in Chemistry, Biology or related areas and relevant postdoctoral experience. The candidate is expected to teach Biochemistry at all levels and develop a vigorous research program with strong extramural funding.

The candidate will find an enthusiastic research environment with excellent facilities and many opportunities for collaboration in Biology, Chemistry, and Biomaterials at Syracuse University, and the adjacent SUNY campuses of the Upstate Medical University and Environmental Science and Forestry. Competitive salary, start-up funds and laboratory space will be provided.

The College of Arts & Sciences is interested in candidates who have demonstrated commitment to excellence by providing leadership in teaching, research or service towards building an equitable and diverse scholarly environment. For details and to apply, go to [www.sujobopps.com #070778](http://www.sujobopps.com). Review of applications will begin December 2, 2013. For questions, please e-mail Philip Borrer (pborer@syr.edu; chair of the search committee).

Syracuse University is an Affirmative Action/Equal Opportunity Employer.
Senior Professorial Researcher in Regenerative Medicine, Australian Regenerative Medicine Institute

Monash is seeking expressions of interest from dynamic, experienced, stem cell-focused, regenerative medicine research scientists with outstanding research track records and a desire to work in a multidisciplinary environment.

The successful candidate will bring an internationally recognised track record of outstanding regenerative medicine and/or stem cell research with the ability to attract independent funding and will be expected to initiate and maintain strong research programs synergising with the Monash research environment to take an active part in collaborative research. Clinician scientists are encouraged to apply.

To attract the right individual, this full professorial position will be offered for a five year period with a further five year extension upon successful review and will be made at a level appropriate to the candidate’s qualifications and experience.

A cover letter, curriculum vitae, full publication list, a concise description of research interests and statement of previous research achievements and teaching merits, and a list of at least three reference persons should be provided to Denise.Wangman@Monash.edu by 31 December 2013.

Established through a joint venture between Monash University and the Victorian Government, the Australian Regenerative Medicine Institute (ARMI) builds on the University's existing strengths in biomedical research, and supports the critical infrastructure required to deliver the next generation of discoveries in regenerative medicine.

ARMI is located at one of the world's largest regenerative medicine and stem cell research centres, at the Clayton (Victoria, Australia) campus of Monash University. Its scientists are focused on unravelling the basic mechanisms of the regenerative process, enabling doctors to prevent, halt and reverse damage to vital organs due to disease, injury or genetic conditions.

To learn more about ARMI and the work we do please visit www.armi.org.

Monash University is an energetic and dynamic university committed to quality education, outstanding research and international engagement. A member of Australia’s Group of Eight research-intensive universities, it seeks to improve the human condition and is committed to a sustainable future. Monash has six campuses in Victoria, a campus in Malaysia, a campus in South Africa, a centre in Prato, Italy, and numerous international partnerships and cooperative ventures. Monash has over 62,500 equivalent full-time students spread across its Australian and off-shore campuses, and over 7,400 full time equivalent staff. Almost 3,500 of these staff members are academic staff.

Further information regarding this position is available from Professor Nadia Rosenthal, Director, or Peter Currie, Deputy Director, Australian Regenerative Medicine Institute at peter.currie@monash.edu

Interested applicants should send their expression of interest by email to Denise.Wangman@Monash.edu

Deadline for applications is 31 December, 2013.
**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 Regenerative 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

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**ASSISTANT PROFESSORSHIP**

**QUANTITATIVE EVOLUTIONARY GENETICS**

Princeton University’s Department of Ecology & Evolutionary Biology and the Lewis-Sigler Institute for Integrative Genomics seek to jointly hire a tenure-track Assistant Professor focusing on Evolutionary and Quantitative Biology. Sample areas might include, but are not limited to: molecular/genome evolution, population genomics, evolution of development, behavioral genetics, experimental evolution, microbial evolution of prokaryotes or eukaryotes, epigenetics, metagenomics, and/or quantitative genetics, using traditional and/or emerging model systems (though the specific model system is less important than the nature of the questions being addressed). We seek applicants who pursue research that aims for significant conceptual integration across traditional disciplinary boundaries. We likewise seek colleagues who will enthusiastically contribute to a climate that embraces both excellence and diversity, and who share our commitment to a mentoring process that advances EEB, LSI and the university, and that attracts and retains students of all ethnicities, nationalities, and genders.

Applicants should write a vision statement, no longer than 2 pages, that outlines one or more major unsolved problems in their field and how they plan to address them. In this respect, the vision statement should go beyond just a summary of the applicant’s prior and current research. Applications, including a cover letter with links to three major publications or pre-prints, the vision statement, curriculum vitae, and contact information of three references for online reference request, must be submitted online via [http://jobs.princeton.edu](http://jobs.princeton.edu) to Req #1300612. Screening of applications will begin immediately and continue until the position is filled.

Princeton University is an Equal Opportunity Employer and complies with applicable EEO and Affirmative Action regulations.
The fellowships are awarded for five years and each fellowship amounts to DKK 10 million (approx. Euro 1.3 million).

The subject area should be frontline basic- or applied research within the scope of the Foundation’s grant strategy, which can be seen at www.lundbeckfonden.com

The fellowships may well attract Danish or foreign researchers from abroad, who wish to move to Denmark and continue their research here. The call is also open for applicants at Danish universities and university hospitals.

The fellowships are intended for five researchers who are qualified to establish or develop their own research groups within biomedicine and who have received their Ph.D. degree within the last 5-7 years.

The application should include an account of the research plan, collaborators, budget and how the research group is envisioned to be placed within a Danish research institution. In addition, it should include a letter of intent from a resident researcher at the host institution, who makes him- or herself available as a mentor to facilitate the applicant’s establishment of the research group as an integral part of the host institution. Further guidance is provided in the application form.

The application, written in English, should be sent via the Foundation’s Electronic Application System for fellowships at www.lundbeckfonden.com no later than December 16, 2013.

For further information please contact Ulla Jakobsen, Science Manager at the Lundbeck Foundation, phone: +45 39 12 80 11 or at application@lundbeckfonden.com

The Lundbeck Foundation has controlling shareholdings in its subsidiaries H. Lundbeck, ALK and Falck. In addition, the Foundation manages financial investments of approx. € 1.5 billion. The Foundation supports biomedical research. In 2012, the Foundation had a profit after tax of approx. € 277 million and made research grants of approx. € 65 million.

Lunbeckfonden
Vestagervej 17, DK-2900 Hellerup
Tel. +45 39 12 80 00
www.lundbeckfonden.com

The Lundbeck Foundation hereby invites applications for five fellowships within biomedicine which will be granted to particularly promising young researchers.

Director and Chief Executive
ROTHAMSTED RESEARCH

Lead an internationally renowned Institute with a key role to play in combating the global challenges of food security and environmental change.

At the forefront of both fundamental and translational research, Rothamsted Research is a centre of international scientific excellence in support of sustainable land management and agriculture and their environmental impacts with particular relevance to crops, including grassland and products from crops; soil and soil management practices and the diverse interactions that occur between plants, farming practices, other organisms and the physical environment.

You will provide inspirational leadership and vision to a multi-disciplinary team of over 350 staff, plus PhD students and visiting scientists, ensuring that the Institute both maintains and develops its position and reputation as a world-class organisation, playing a key role in the delivery of discovery and strategic programme level research that can be used by a range of different stakeholders, including Government and industry, nationally and internationally.

The post will be based at the Rothamsted Research main campus in Harpenden, Hertfordshire.

An attractive salary plus performance related bonus is available commensurate with the level and strategic importance of the post.

Further information, including instructions on how to apply, may be obtained from Rothamsted Research’s recruitment consultants, Carbon-NFP, who would be happy to have an informal and confidential telephone discussion. Please contact Sharon Taylor by email sharon.taylor@carbon-nfp.com in the first instance.

The closing date for applications is Friday, 13 December 2013.

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www.carbon-nfp.com
SCHOOL OF LIFE SCIENCES
ARIZONA STATE UNIVERSITY
Assistant Professor (JOB# 10594)

The School of Life Sciences at Arizona State University invites applications for a tenure-track faculty position at the level of Assistant Professor in the area of microbial genomics including metagenomics. Anticipated start date is August 14, 2016. We encourage applications from outstanding candidates who employ an integrated and innovative basic or applied research approach leading to important contributions related to Microbial Genomics. Candidates who focus on a relevant area within Microbial Genomics, including metagenomics, physiology, genetic engineering, biotechnology, bioinformatics, bioprospecting, evolution, microbial interactions, or microbial ecology are preferred. The successful candidate will be expected to develop a strong, extramurally funded independent research program; teach at the undergraduate and graduate levels; successfully mentor undergraduate and/or graduate students, and postdoctoral associates; and actively engage in outreach and service within and outside the University. A competitive start-up package and teaching load compatible with high research productivity will be provided.

Arizona State University has a vibrant, interdisciplinary research and education community that the successful candidate will become part of. Examples of relevant centers and initiatives include the Bioenergy and Photosynthesis Center (http://bioenergy.asu.edu), Biodesign (http://www.biodesign.asu.edu/), and Astrobiology (http://astrobiology.asu.edu). Candidates must have a Ph.D. (or equivalent) in microbiology, genomics or another appropriate field. Two years of postdoctoral training, teaching experience, and a record of accomplishment that illustrates strong preparedness for establishing an excellent, independent research program in Microbial Genomics is preferred.

To apply, send a cover letter, curriculum vitae, three representative publications, contact information for at least three references, and separate statements of future research plans and teaching philosophy interests in a single pdf file to solsfacultysearch2@asu.edu. The initial closing date for receipt of applications is December 1, 2013; applications will be reviewed weekly thereafter until the search is closed. A background check is required for employment.

Arizona State University is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity. Women and minorities are encouraged to apply. For additional information on this position and the School of Life Sciences, please visit http://sols.asu.edu/jobs.

SCHOOL OF LIFE SCIENCES
ARIZONA STATE UNIVERSITY
Assistant Professor (JOB# 10593)

The School of Life Sciences and The Biodesign Institute at Arizona State University invite applications for a tenure-track faculty position at the level of Assistant Professor whose research focuses on comparison of biological systems at the genome scale. Anticipated start date is August 16, 2014. Preferred research methods may include but are not limited to theoretical, computational, population, and empirical approaches to comparative and functional genomics. The successful candidate will be expected to develop an innovative, extramurally-funded, research program, teach at the undergraduate and graduate levels, and have a commitment to outreach and service. The successful candidate will be expected to mentor undergraduate and graduate students as well as postdoctoral fellows. A competitive start-up package and teaching load compatible with high research productivity will be provided.

Arizona State University has made a commitment to accelerating the translation of basic discoveries into practical benefits for society through the construction of state-of-the-art research facilities and the recruitment of world-class faculty members. The successful candidate will participate in university-wide health and/or sustainability initiatives supported by core facilities for functional genomics and next generation sequencing, functional proteomics, high throughput cellular screening, bioinformatics, high performance computing, and imaging. More information on genomic research opportunities at the Biodesign Institute and the School of Life Sciences at ASU can be found at http://genomics.asu.edu. Candidates must have a Ph.D. (or equivalent) in an appropriate field. Demonstrated teaching and research excellence is preferred.

To apply, send cover letter, your curriculum vitae, three representative publications, separate statements of future research plans and teaching philosophy and interests, and contact information for three references to Kenro Kusumi, Chair, Comparative Genomics Faculty Search Committee, School of Life Sciences, PO Box 874501, Tempe, AZ 85287-4501. Electronic applications sent as PDF files to solsfacultysearch@asu.edu are preferred. The initial closing date for receipt of applications is December 16, 2014; position open until filled. For more detailed information, please see vacancy announcement at http://www.asu.edu/hr/facultyvacancies/vacancies.html.

Arizona State University is an Equal Opportunity/Affirmative Action Employer committed to excellence through diversity. Women and minorities are encouraged to apply. For additional information on this position and the School of Life Sciences, please visit http://sols.asu.edu/jobs.

Tenure-track Assistant Professor, Department of Biological Sciences

Needs exist in: human anatomy, physiology, integrative biology, and organismal introductory biology. Ph.D. in a biological sciences discipline, completed by August 31, 2014; broad training and/or experience in biological sciences; experience in college teaching and in working with diverse groups required. Preference given to applicants who are willing to help the department develop innovative teaching strategies. The Department of Biological Sciences at California State University, Sacramento expects its faculty members to achieve excellence in classroom teaching; they are also expected to engage in scholarship, student advising, university service, and community service. Mail CV, all transcripts, email addresses and telephone numbers of three references, statements of teaching and scholarly interests, and three letters of recommendation to: Jennifer Lundmark, Chair, Biological Sciences, California State University, Sacramento, CA 95819-6077. Website: http://www.csus.edu/bios/. To ensure full consideration, all application materials should be received by December 16, 2014, position open until filled. For more detailed information, please see vacancy announcement at http://www.csus.edu/hr/facultyvacancies/vacancies.html.

Equal Opportunity Employer. Clery Act statistics available. Mandated reporter requirements. Criminal background checks may be required.
Division of Research and Economic Development
Position of Director
Office of Sponsored Research and Programs

Division of Research and Economic Development invites applications for the position of Director, Office of Sponsored Research and Programs (OSRP), which reports to the Vice Chancellor for Research and Economic Development. The OSRP proactively facilitates the pre-award process and oversees certain aspects of post-award grants management. Pre-award activities include providing technical assistance to faculty and staff to ensure continuity in the submission of proposals for grants and contracts to potential funding agencies. Post-award activities include providing regulatory oversight and complete, accurate, and timely financial information pertaining to contract and grant transactions to the University, funding agencies and other external stakeholders.

Master’s degree required with a minimum of ten (10) years of experience working with sponsored programs/grants/contracts at a university and/or state and federal levels.

The Division anticipates filling the Position of Director, Office of Sponsored Research and Programs by February 1, 2014; however, review of applications will commence immediately and continue until the position is filled. Applications and/or Nominations may be submitted to: Ms. Carol J. Hicks, Executive Assistant, Division of Research & Economic Development, Hubbard-Totton Building, Suite 309, North Carolina Central University, 1801 Fayetteville Street, Durham, NC 27707; or via email cburne17@nccu.edu.

FUNDING OPPORTUNITIES
Department of Defense
Defense Medical Research and Development Program
Clinical and Rehabilitative Medicine Research Program

The Clinical and Rehabilitative Medicine Research Program (CRMRP) focuses on definitive and rehabilitative care innovations required to reset our wounded warriors, both in terms of duty performance and quality of life. The CRMRP encourages researchers to submit applications for the following upcoming funding opportunities.

Deadline for pre-applications: November 25, 2013

Neurosensory Research Award: Supports both applied (preclinical) research and clinical trials within specific focus areas of pain management, hearing loss/dysfunction, balance disorders and/or tinnitus. Applications focused on traumatic brain injury are highly encouraged.

Neuromusculoskeletal Injuries Research Award: Supports preclinical research and clinical trials on the functional utility of assistive devices related to the human-device interface, secondary health effects following injury, and optimizing rehabilitation and device prescription for patients with severe extremity trauma.

Regenerative Medicine Clinical Trial Award: Supports clinical trials focused on extremity regeneration, craniomaxillofacial regeneration, vascularized composite allografts, and/or genitourinary/lower abdomen reconstruction.

Vision Research Program Hypothesis Development Award: Supports conceptually innovative, high-risk/high-reward research that could ultimately lead to critical discoveries or major advancements that will drive the field of vision research forward.

Vision Research Program Translational Research Award: Supports translational research that will accelerate the movement of promising ideas in vision research into clinical applications.

All applications must conform to the final Program Announcements and General Application Instructions that will be available for electronic downloading from the Grants.gov website (all viewable under CFDA number 12.420). Execution management support will be provided by the Congressionally Directed Medical Research Programs (CDMRP) and the Telemedicine & Advanced Technology Research Center (TATRC).

Purdue University College of Engineering and College of Science Faculty Openings in Integrated Imaging

Purdue University’s College of Engineering and College of Science have identified imaging as a major thrust for cross-disciplinary research and education and are accepting applications for multiple tenured and tenure track faculty (Assistant and Associate Professor) in this area. Imaging research has become the key to progress in fields such as medicine, biology, chemistry, physics, earth and atmospheric science; and the resulting technologies are addressing major human needs in healthcare, medicine, security, manufacturing, and communication. Purdue University has embarked on a new “integrated-imaging” initiative to exploit the synergy between science and engineering, algorithms and devices, sensors and applications. This initiative will build on strengths and leverage the imaging capabilities of both Purdue Colleges and Purdue’s Discovery and Research Parks.

Candidates must hold a Ph.D. degree in Engineering, Science or a related field. They should have a distinguished academic record, exceptional potential for world-class research, and a commitment to teach in both undergraduate and graduate programs. Specific research fields of interest in the integrated-imaging cluster include, but are not limited to electron and light microscopy, whole body imaging, image processing, inverse methods, multimodal imaging, hyperspectral imaging, and sensor systems. The successful candidate will teach undergraduate and graduate courses in topics related to integrated imaging, conduct research in their field of expertise, publish and present research findings, participate in professional activities, and advise graduate student research. The primary faculty appointment will be in a school of the College of Engineering or a department of the College of Science, and will depend on the candidate’s qualifications.

Submit your application online at: https://engineering.purdue.edu/Engr/InfoFor/Employment. The application should include a cover letter, a complete and detailed vitae, and statements of research and teaching interests. Also, please include names, addresses, telephone numbers, and e-mail addresses for three or more references. For questions regarding the application process, please contact Marion Ragland (ragland@purdue.edu). Screening of applications will begin December 1, 2013 and will continue until the positions are filled. A background check will be required for employment in this position.

Purdue University is an Equal Opportunity/Equal Access/Affirmative Action Employer fully committed to achieving a diverse workforce.

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 aas.org/plusyou/sciencecareers

AAAS + U = Δ

Get your questions answered.

Careers Forum

www.ScienceCareers.org