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ScienceCareers.org
Tenure-Track Principal Investigator: Laboratory of Genome Integrity

The Center for Cancer Research (CCR), National Cancer Institute (NCI), National Institutes of Health (NIH) is accepting applications for a position as Principal Investigator in the Laboratory of Genome Integrity (LGI) at the Tenure-Track level. The LGI focuses on understanding the pathways that maintain genomic integrity, the intersection of these pathways with normal cellular physiology and cancer, as well as the application of these insights to translational research. LGI provides a highly interactive environment for scientists and promotes synergistic interactions with intramural and extramural laboratories to promote interdisciplinary research.

We are seeking candidates whose research programs address basic biological problems and who have demonstrated excellence, originality, and productivity in research in the areas of biochemistry, cellular, and molecular biology. We are especially interested in applicants using innovative approaches to solve key questions in the areas of cancer biology, DNA repair, chromatin structure, and genome function and organization. LGI research programs are integrated into the NCI Center of Excellence in Chromosome Biology (https://ccrod.cancer.gov/confluence/display/CECB/Home), and the excellent research environment at the Bethesda campus of the NIH affords ample opportunities for intellectual interactions and collaborations with basic and clinical scientists. Research activities within LGI are supported by core facilities including Functional Genomics, Proteomics, Imaging, and Flow Cytometry cores. The successful candidate will perform independent research funded by the NCI Intramural Research Program.

Candidate must have a Ph.D. or M.D. degree, or equivalent doctorate degree in the Sciences, with a proven ability to conduct innovative research. To apply, submit a cover letter, curriculum vitae including publication list, statement of research accomplishments and future plans, and three letters of recommendation to Khadiidiatou Waye (khadiidiatou.waye@nih.gov) or Dr. Andre Nussenzweig, Chief LGI, NIH, 37 Convent Drive, Building 37, Room 1106A, Bethesda, MD 20892. Electronic submissions are encouraged. This position is not restricted to U.S. citizens only. Review of applications will start on or about end of August/early September, 2015, and applications will be accepted until the position is filled.

DHHS and NIH are Equal Opportunity Employers.

Tenure-Track Investigator Position in the HIV Dynamics and Replication Program

The HIV Dynamics and Replication Program (HIV DRP, formerly the HIV Drug Resistance Program), CCR, NCI, NIH, DHHS is seeking an outstanding tenure-track investigator to carry out original, independent, and innovative research in an area of virology including, but not limited to, HIV/retrovirus biology. This intramural position is similar to that of an Assistant Professor in a university setting.

The successful candidate will have expertise in HIV/retrovirus biology or cancer virology. Areas of emphasis include molecular aspects of viral replication, virus-host cell interactions, and drug resistance. Applicants must have a Ph.D. or equivalent doctoral degree, relevant postdoctoral experience, and a record of high achievement.

This position is located at the NCI campus in Frederick, Maryland, which offers state-of-the-art facilities, collaborative opportunities, and core facilities for advanced technologies. The investigator will have access to a wide array of intellectual and technological assets, including high-quality technology cores dedicated to protein chemistry, natural products chemistry, biophysics, mass spectrometry, imaging, microscopy, proteomics and genomics, bioinformatics/biostatistics, and flow cytometry, in addition to support for patient-based studies through the NIH Clinical Center. For an overview of CCR, please visit http://ccr.cancer.gov/.

Review of applications will begin on or about August 3, 2015, but applications will be accepted until the position is filled. Salary is competitive and will be commensurate with the candidate’s experience. A full benefits package is available, including retirement, health insurance, life insurance, long-term care insurance, annual and sick leave, and a Thrift Savings Plan (401K equivalent). This position is not restricted to U.S. citizens.

To apply, please submit a cover letter, curriculum vitae, description of research plans (~5 pages), and 3 letters of recommendation to: Ms. Valerie Turnquist, Administrative Laboratory Manager, NCI at Frederick, P.O. Box B, Bldg. 535, Frederick, MD 21702-1201, Email: turnqvi@mail.nih.gov. PDF files are encouraged.

This position is subject to a background investigation. The NIH is dedicated to building a diverse community in its training and employment programs.

DHHS, NIH and NCI are Equal Opportunity Employers.
Faculty Position in Epidemiology  
Wayne State University School of Medicine

Wayne State University located in Detroit, Michigan is seeking to strengthen its Epidemiology Unit, which deals with the incidence, distribution, and possible control of diseases and other factors relating to health.

The Epidemiology Unit collaborates with Departments within the School of Medicine, and also with the Perinatology Research Branch of the Division of Intramural Research, NICHD, NIH, DHHS, which is housed at the Wayne State University campus.

As a key staff member in support of the PRB, this individual would help to accomplish the Branch’s mission by (1) developing statistical analysis, programming strategies and methodologies in support of research projects, (2) evaluating and analyzing data using accepted statistical and biostatistical techniques, (3) working closely with the scientific team and collaborators to provide operational parameters to ongoing research, (4) training the next generation of researchers, (5) translating the results of the research through publications and technology transfer.

The individual chosen for this position will become part of a highly successful, fast-paced research group that focuses on clinical and basic research in perinatal medicine and related disciplines. The goal of this internationally recognized research is to develop novel diagnostic, therapeutic and preventative strategies to reduce adverse pregnancy outcome, infant mortality and handicap. The research agenda involves novel discovery technologies in functional genomics, proteomics, metabolomics and DNA analysis.

To be considered for this position, it is recommended that candidates demonstrate the following:

1. Thorough knowledge of biostatistical methodologies, procedures and testing
2. Expertise in issues pertaining to the conduction and analysis of longitudinal studies
3. Competence in the area of mathematical modeling
4. Knowledge of data coordination, collection and statistical analysis methods and research coordination principles
5. Knowledge of medical and research protocols
6. Knowledge of computer software design and multiple programming languages
7. Demonstrated broad knowledge of the understanding of scientific principles, theories and technologies applicable to biological sciences, in general, and perinatology in particular
8. A sound understanding of academic research and related issues together with extensive experience in complex, multi-disciplinary programs (administrative and scientific)
9. Ability to foster intellectual productivity
10. Strong oral and written communication skills
11. Ability to work independently and collaboratively
12. Basic knowledge of perinatology is desirable

Academic and professional requirements:

1. Ph.D. in Epidemiology, Biostatistics, Statistics or related field
2. Minimum of five years of experience

Interested individuals should send:

- a curriculum vitae,
- a separate statement summarizing their experience and professional contributions,
- and three references to:

Jennifer Turpin  
Wayne State University School of Medicine  
jturpin@med.wayne.edu
AAAS is seeking an experienced and talented individual to serve as Chief Operating Officer (COO). Reporting to the Chief Executive Officer, the COO will partner with the CEO to provide overall strategic and operational oversight for a subset of grant-funded AAAS programs and will manage a group of Program Heads as their Chief Program Director. This newly created position will also provide leadership to AAAS operations; assist the CEO with the strategic planning process and will envision new programmatic initiatives in coordination with the CEO and the AAAS Program Heads. The COO will also oversee the AAAS innovation process to create a viable stream of new ideas, projects, and programs.

The COO will share management responsibility (with the CEO) for the AAAS Program Heads, Director of Development, Chief Technology Officer, Chief Human Resources Officer, and Director of Innovation, and will be responsible for ensuring the effective development and operation of a defined set of AAAS programs. The COO will work closely with the Director of Development to cultivate existing relationships with public and private funders, and work closely with the Chief Membership Officer to ensure that programmatic activities are aligned with and leveraged by the Membership enterprise. The COO will also work closely with the CFO/CLO as an executive colleague to ensure optimal internal operations, allowing the CEO to spend sufficient time on externally focused programs and activities.

This is an extraordinary opportunity for an individual with extensive program management experience to grow and further develop a proven set of programs that have already made significant impact, while also acting as the Chief of Operations for AAAS’s core administrative functions. Position requires a minimum Master’s degree (Ph.D. preferred) in a relevant field with at least 10 years of experience and a track record in senior program management in a scientific or technical organization with experience overseeing large administrative support units.

To see the full job description, please visit [http://www.aaas.org/page/employment-aaas](http://www.aaas.org/page/employment-aaas), where interested and qualified candidates may apply online. Please apply no later than July 3, 2015.

AAAS is an EO Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sexual orientation, gender identity, national origin, age, disability, veteran status, or other protected category. AAAS uses E-Verify to confirm the employment eligibility of all newly hired employees.

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**Columbia University Medical Center**

**Assistant Professor position in Urology and Systems Biology**

In the era of precision medicine, the Department of Urology and the Department of Systems Biology seek to jointly recruit an Assistant Professor, to further our understanding of the regulatory mechanisms and pathways involved in bladder and prostate cancer initiation, progression, and in modulating sensitivity to targeted agents.

The ideal candidate would have deep expertise in computational systems biology, will have published seminal manuscripts in high impact journal to elucidate mechanisms related to prostate or bladder cancer related phenotypes using systems biology methodologies. The candidate need also to have significant training in experimental biology and should be able to either perform relevant biochemical assays in his/her lab or to guide the design of these experiments in collaboration with other labs.

Applications should include a CV, reprints of no more than three publications, a 3-4 page description of current research and research goals, and three or more letters of reference. Applications should be addressed to Ms. Desi Tahiraj, Columbia University Department of Systems Biology, 1130 St. Nicholas Ave 8th Floor Room 801, New York, NY 10032. Applications can also be sent via e-mail at desi@cb2z.columbia.edu.

Columbia University is an Equal Opportunity/ Affirmative Action Employer and encourages applications from women and underrepresented minorities.

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**M University of Michigan**

**Research Assistant Professor/Research Associate Professor/Research Professor and Deputy Director of Pharmacokinetics (PK) Core**

The College of Pharmacy in association with the Comprehensive Cancer Center at the University of Michigan (U-M) is recruiting a research assistant professor/research associate professor/research professor to serve as the deputy director in the Pharmacokinetics Core (PK Core). This well-funded core is part of a broader drug discovery effort at the U-M campus, and the Deputy Director will play a key role in supporting ongoing collaborations, expanding outreach, and further developing the core.

The PK Core (www.pkcore.org) has four objectives: (A) To support preclinical pharmacokinetics (PK) and metabolism for lead compound selection and dose regimen optimization; (B) To support clinical pharmacokinetics (PK) and optimize dose regimen in clinical studies; (C) To increase grants, publications, and patent applications; (D) To train students and postdoctoral fellows in DMPK studies in drug discovery and clinical trials.

The Deputy Director will work with the PK Core Director to oversee daily operations, including managing personnel and budget; communicating with collaborators; and writing reports, manuscripts, and patents. In addition, the successful candidate will serve as PI, Co-PI, and Co-I on independent grant applications; mentor graduate students and postdoctoral fellows involved in DMPK studies, and teach related courses.

The Deputy Director will hold a PhD degree in pharmaceutical sciences or related field with experience and skills in preclinical and clinical drug metabolism and pharmacokinetics (DMPK) to support drug discovery and clinical trials. Experiences in pharmacokinetic modeling, LC-MS, drug metabolism, drug discovery, pharmacokinetics in animal models, and pharmacokinetics in clinical trials are preferred.

Applicants should submit a letter and CV, including the names of at least 5 potential references, to Patrina Hardy (thardy@med.umich.edu).
The Department of Cellular and Molecular Biology at UT Health Northeast invites applications from outstanding scientists for state funded faculty positions at all levels to conduct independent research. The research of the applicant should be in various research areas of biochemistry or cell biology with an emphasis of cell motility and cytoskeletal regulation. Investigators working on cell motility using electron microscopy are encouraged to apply.

The mission of the research program at UT Health Northeast is to create an outstanding research community that links basic science and clinical science. UT Health Northeast has established research programs in lung injury/repair, pulmonary infectious diseases and cell motility and the successful candidate is encouraged to interact with researchers in these areas. A strong track record and current extramural funding is required. Teaching in the biotechnology graduate program is encouraged and voluntary.

Our institution is growing rapidly and substantive resources have been allocated to build its basic and translational research portfolio. The Department has recently set up a state-of-the-art cellular and molecular imaging facility including a custom made single molecule total internal reflection fluorescence (TIRF) microscope, ultrafast super-resolution microscope which can visualize dynamic movement of the molecules in living cells, and a confocal microscope with a white light laser system which is capable of various advanced fluorescence imaging techniques including FRAP, FRET and FLIP. The successful candidate will be provided with a competitive start-up package and new laboratory facilities.

Applicants should submit their CV, a statement of future research plans and the names of three references to: Dr. Mitsuo Ikebe, Chair of Department of Cellular and Molecular Biology, The University of Texas Health Science Center at Tyler, 11937 US Highway 271, Tyler TX 75708-3154

Review of applications will continue until the position is filled.

UT Health is an Equal Opportunity and Affirmative Action Employer and seeks to build a diverse employee community. It is the policy of The University to promote and ensure equal employment opportunity for all individuals without regard to race, color, religion, sex, national origin, age, sexual orientation, disability, or veteran status. Women and minorities are encouraged to apply.

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**Research Professorships**

The Royal Society’s most prestigious funding scheme is now open for applications. The Royal Society Research Professorships provide long term support to world-class scientists, releasing them from teaching and administration to enable them to focus on research.

The scheme provides a substantial contribution to salary, which can be supplemented at the discretion of the host organisation; a one-off start-up grant of up to £35,000; and research expenses of up to £16,000 per academic year. Funding is available for five years, with the opportunity for renewal for a further five years.

These posts enable individuals of proven ability and achievement to undertake independent, original research at a UK institution. Former Research Professors include Presidents of the Royal Society and Nobel Laureates.

Several Royal Society Research Professorships are available. The number of awards made will be determined by the quality of applications received.

The Professorships may be awarded in any field across the natural sciences but the following are restricted to specific areas:

- The Royal Society Darwin Trust Research Professorship for research in the field of biomolecular sciences.
- The Royal Society GSK Research Professorship in Molecular aspects of Medicine
- The Royal Society Napier Research Professorship to ascertain the cause of cancer, including any corresponding allied disease and the means of prevention, cure and alleviation

Scientists of any nationality can apply and applications are particularly welcomed from scientists currently resident outside the UK.

**Closing date: 3 November 2015**

Host universities are encouraged to use the long lead time to identify and attract the best candidates.

Fast-track applications will be considered during this period for truly exceptional overseas candidates.

To find out more visit [royalsociety.org/grants/schemes](http://royalsociety.org/grants/schemes) or email seniorfellowships@royalsociety.org

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