2021 Schaefer Research Scholars Program Awards

The Vagelos College of Physicians and Surgeons (VP&S) is pleased to announce the 2021 Schaefer Research Scholars Program Awards. The Awards, made possible through a bequest from Dr. Ludwig Schaefer, are made annually to four research scientists who have distinguished themselves in human physiology, as broadly defined, and whose current work is of outstanding merit. The proposed research must have the potential to illuminate the field. Two awards are made to research scientists residing or working in North or South America, and two awards are made to research scientists residing or working outside North or South America. Each award consists of a $50,000 cash prize and up to $200,000 in direct research support.

Applications must include a cover sheet; research proposal (one page); a research budget (not to exceed $200,000 in total direct costs) delineated by cost category (salary, fringe, supplies, etc.) for one year (7/1/2021–6/30/2022); a curriculum vitae (not to exceed 10 pages); and a page summarizing applicant’s research support. Internal candidates must obtain a nomination letter from their Department Chair. External candidates must present letters from the Dean or equivalent in their home institution as well as from the Columbia University Irving Medical Center collaborator, if applicable.

Nomination deadline: November 19, 2020, at 5:00 p.m. (EST)

To apply visit https://www.ps.columbia.edu/schaefer and submit all required materials. Awardees will be notified in February 2021.

Faculty Position in Interdisciplinary Cancer Research

at the Ecole polytechnique fédérale de Lausanne (EPFL)

The School of Life Sciences of EPFL (Ecole polytechnique fédérale de Lausanne) invites applications for a tenure track assistant professor position in the field of Interdisciplinary Cancer Research.

This search is part of major initiatives in the Lake Geneva region to promote cancer research, which is increasingly driven by integrating research from different fields ranging from basic sciences (life sciences, physics, chemistry and engineering) to clinical research and treatment.

The successful candidate will join the faculty of the Swiss Institute for Experimental Cancer Research (ISREC) http://isrec.epfl.ch; develop an independent internationally prominent research program in the broad domain of interdisciplinary cancer research and its potential therapeutical applications; participate in both undergraduate and graduate teaching; and supervise PhD students and postdoctoral fellows. Candidates may work in any cancer-related area, including cancer genetics, functional genomics and genome instability, epigenetic regulation of cancer genotypes, cancer metabolism, computational cancer genetics, bioengineering of cell-based therapies and oncolytic viruses, and synthetic biology, systems biology, chemical biology of cancer. Expertise in data science is also encouraged.

The successful candidate will be a part of EPFL’s cancer research institute (ISREC), and is expected to perform and coordinate highly interactive biomedical research, reaching out and taking advantage of EPFL’s interdisciplinary campus (Schools of Basic Sciences, Engineering, and Information and Communication Technologies) and its involvement in the multi-institutional Swiss Cancer Center Leman, which brings together EPFL, the Universities of Lausanne and Geneva, and clinical and translational research components of the University Hospitals of Lausanne and Geneva.

Applications should include a cover letter, a curriculum vitae, a list of publications (annotated to indicate the candidate’s contributions) a synopsis of major accomplishments, and a concise statement of future research agenda and teaching interests, along with the contacts of 3-5 referees who can provide letters of recommendations. Applications should be uploaded as PDF files to the recruitment web site:

https://facultyrecruiting.epfl.ch/position/23691279

Formal evaluation of candidates will begin on January 8, 2021, and continue until the position is filled.

Enquiries may be sent to:
Prof. Freddy Radtke
Search Committee Chair
E-mail: cancer.research@epfl.ch

For additional information on EPFL, the ISREC institute and the school of life sciences, please consult: www.epfl.ch, sv.epfl.ch

EPFL is an equal opportunity employer and family friendly university. It is committed to increasing the diversity of its faculty. It strongly encourages women to apply.
The School of Engineering and Applied Science at the University of Pennsylvania is growing its faculty by 33% over a five-year period. As part of this initiative, the Department of Electrical and Systems Engineering is engaged in an aggressive, multi-year hiring effort for multiple tenure-track positions at all levels. Candidates must hold a Ph.D. in Electrical Engineering, Computer Engineering, Systems Engineering, or related area. The department seeks individuals with exceptional promise for, or proven record of, research achievement, who will take a position of international leadership in defining their field of study and who will excel in undergraduate and graduate education. Leadership in cross-disciplinary and multi-disciplinary collaborations is of particular interest. We are interested in candidates in all areas that enhance our research strengths in:

- Nanodevices and nanosystems (nanoelectronics, MEMS/NEMS, power electronics, nanophotonics, nanomagnetics, quantum devices, integrated devices and systems at nanoscale); https://aptrkr.com/2007344
- Circuits and computer engineering (analog, RF, mm-wave, digital circuits, emerging circuit design, computer engineering, IoT, beyond 5G, and cyber-physical systems); https://aptrkr.com/2007395
- Information and decision systems (control, optimization, robotics, data science, machine learning, communications, networking, information theory, signal processing). https://aptrkr.com/2008072

Prospective candidates in all areas are strongly encouraged to address large-scale societal problems in energy, transportation, health, agriculture, food and water, economic and financial networks, social networks, critical infrastructure, and national security. We are especially interested in candidates whose interests are aligned with the school’s strategic plan, https://www.seas.upenn.edu/about/penn-engineering-2020/

Diversity candidates are strongly encouraged to apply. Interested persons should submit an online application by following the links above and include curriculum vitae, research, teaching, and diversity statements, and at least three references. Review of applications will begin on January 4, 2021.

The University of Pennsylvania values diversity and seeks talented students, faculty and staff from diverse backgrounds. The University of Pennsylvania is an equal opportunity and affirmative action employer. Candidates are considered for employment without regard to race, color, sex, sexual orientation, gender identity, religion, creed, national or ethnic origin, citizenship status, age, disability, veteran status or any other legally protected class.
RAMALINGASWAMI RE-ENTRY FELLOWSHIP: 2020-2021

Regional Centre for Biotechnology (RCB), on behalf of the Department of Biotechnology (DBT), Ministry of Science & Technology, Government of India, invites applications from Indian Nationals working in overseas research institutions for the "Ramalingaswami Re-entry Fellowship" to provide them an attractive avenue for pursuing their R&D interests in Indian institutions. Those who have returned to India within one year of the closing date of this advertisement are also eligible to apply.

APPLICATION CLOSING DATE: 31.10.2020

Further details on the fellowship, eligibility criteria, and the application format can be downloaded from RCB or DBT website (www.rcb.res.in, www.dbtindia.gov.in). Applications in the prescribed format, duly forwarded by the host institution, may be sent as a hard copy to The Executive Director, Regional Center of Biotechnology, NCR Biotech Science Cluster, Faridabad-Gurugram Expressway, Faridabad - 121001, India, and mailed as a single PDF to dbt.rlsfellowship@rcb.res.in to reach by 31st October, 2020.

UTSouthwestern
Medical Center

FACULTY POSITION
BACTERIAL PATHOGENESIS.

The Department of Microbiology at UT Southwestern Medical Center is seeking a new faculty member in bacterial pathogenesis at the Assistant Professor (tenure track) level. Appointment rank will be commensurate with academic accomplishments and experience. The appointee will be expected to develop a front-rank, competitive, independent research program on a medically relevant bacterial pathogen(s) and/or on concepts relevant to the human microbiome. An important academic responsibility also will be the instruction and mentoring of graduate students. An attractive start-up package, including a competitive salary and generous laboratory space in a modern building, is available to conduct research within a highly dynamic environment of a leading medical microbiology department (https://www.utsouthwestern.edu/education/medical-school/departments/microbiology).

Candidates will be considered for our $2M Endowed Scholars (start-up) Program (http://www.utsouthwestern.edu/education/programs/nondegree-programs/other-programs/endowed-scholars/index.html).

Candidates should have a Ph.D. and/or M.D. degree with at least 3-4 years of postdoctoral experience and an exceptional publication record. Please send a cover letter, C.V., contact information for three letters of recommendation, and a brief summary of future research to: Bacterial PathogenesisSearchCommittee@utsouthwestern.edu.

UT Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.

UTSouthwestern
Medical Center

TENURE-TRACK POSITION

The Department of Physiology invites outstanding scientists with Ph.D., M.D., or equivalent degrees to apply for tenure-track faculty positions at the level of Assistant Professor.

Candidates who bring innovative approaches to the study of any under-explored/unexplored questions broadly related to physiology are encouraged to apply. The scientific excellence of the candidates is more important than the specific area of research. These positions are part of the continuing growth of the Department at one of the country’s leading academic medical centers. They will be supported by significant laboratory space, competitive salaries, state-of-the-art core facilities and exceptional start-up packages. The University of Texas Southwestern Medical Center is the scientific home to six Nobel Prize laureates and many members of the National Academy of Sciences and Institute of Medicine. UT Southwestern conducts more than 3,500 research projects annually totaling more than $417 million. Additional information about the Department of Physiology can be found at http://www.utsouthwestern.edu/education/medical-school/departments/physiology/index.html.

Information regarding careers can be found at: https://jobs.utsouthwestern.edu/.

Applicants should submit a CV, a brief statement of current and proposed research, and a summary of your two most significant publications describing the importance of the work (100-150 words each). Please arrange to have three letters of recommendation sent on his/her behalf. All items should be submitted to: http://academicjobsonline.org/ajo/jobs/16617. Completed applications will be reviewed starting November 1, 2020. You may email questions to ron.doris@utsouthwestern.edu.

UT Southwestern Medical Center is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans and individuals with disabilities are encouraged to apply.