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ScienceCareers
FROM THE JOURNAL SCIENCE AAAS

ScienceCareers.org

UT Health San Antonio

Assistant Professor Faculty Position in Structural Biology

Department of BIOCHEMISTRY and STRUCTURAL BIOLOGY
University of Texas Health Science Center at San Antonio

The Department of Biochemistry and Structural Biology in the School of Medicine of UT Health, San Antonio is seeking outstanding candidates for a tenure-track Assistant Professor in the area of structural biology (X-ray crystallography, NMR, or other biophysical approaches). While all research areas are encouraged, we are particularly interested in candidates working on targets relevant to cancer, neuroscience, diabetes, and ageing, and amenable to therapeutic strategies. This recruitment is part of a growth in this area coincident with the recent renaming of the Department, and is supported by an extensive array of unique established core facilities within the department to facilitate basic research and bench-bedside drug discovery. These include the Center for Innovative Drug Discovery [including High Throughput Screening and Medicinal Chemistry], the Integrated Cores for Macromolecular Structure and Interactions [including Nuclear Magnetic Resonance Spectroscopy (NMR), X-ray crystallography, Surface Plasmon Resonance (SPR), Isothermal Calorimetry (ITC), and Analytical Ultracentrifugation], and the Mass Spectrometry Core for proteomics and metabolomics (http://biochem.uthscsa.edu/core_facilities.php).

Applicants must have high quality peer-reviewed publications and evidence of independent research, including ability to compete for extramural funding. The position offers significant scientific resources, attractive start-up support packages and the potential for competing for significant additional state funds from UT STARs and recruitment awards from the Cancer Prevention and Research Institute of Texas (CPRIT). Successful applicants will join a multidisciplinary team of 22 faculty in Biochemistry and Structural Biology (http://www.biochem.uthscsa.edu/), and will be expected to develop collaborative research programs, serve as mentors for students and research fellows and contribute to teaching in our graduate and professional programs

San Antonio is the nation's seventh largest city and offers a rich, multi-cultural community with its historical downtown and diverse entertainment, and fine restaurants on the Riverwalk, and within easy access to the scenic Texas Hill Country, with its many recreational opportunities.

All faculty appointment are designated as security sensitive positions. The University of Texas Health Science Center at San Antonio is an Equal Employment Opportunity/Affirmative Action Employer including protected veterans and persons with disabilities.

Interested candidates should submit by **February 27, 2017** an e-mail to Esther James at **jamese@uthscsa**.edu., containing: a curriculum vitae; statement of research interests; names of three professional references, and; a cover letter addressed to Dr. Dmitri Ivanov, Chair of the Structural Biology Search Committee.

ACCEPT THE NAVY CHALLENGE

Become a member of an elite research and development community involved in basic and applied scientific research and advanced technological development for tomorrow's Navy.

NAVAL RESEARCH LABORATORY

Senior Scientist for Theoretical Materials Science
ST-1310 or 0806, $123,175 to 185,100* per annum (2016 salary – subject to change)
*Rate limited to the rate for level III of the Executive Schedule (5U.S.C. 5304(g)(2))

Serves as the technical expert in the field of theoretical material science. Conducts and leads a broad-based, multidisciplinary research program pushing the frontiers of theoretical materials science, with particular emphasis in the areas of optical and magneto-optical behavior of bulk and low dimensional semiconductors, including quantum dots; and determining the effects of confinement, impurities, defects and dopants on these materials. This position is located in the Materials Science and Technology Division and has major implications in the areas of electronics, sensors, power and energy as well as warfighter health and survivability - areas that are of great interest to both the Navy and DoD.

As a distinguished scientist and recognized leader in his/her field, the incumbent will be called upon to brief DoD senior officials regarding Laboratory research efforts in the above areas, to serve as an NRL liaison to the Navy and other national and international organizations, and to consult on important scientific and programmatic issues.

Applicants should be recognized as national/international authorities in the above areas of research, and should have demonstrated the scientific vision and organizational skills necessary to market new research proposals to obtain funding and bring long term, multi-faceted research programs to successful completion. NRL is the Navy's corporate lab and operates under the Navy Working Capital Fund (NWCF.)

For information regarding this vacancy and specific instructions on how to apply, go to **www.usajobs.gov**, log in and enter the following announcement number **NW7XXXX-00-1824274K9518101S**. Please carefully read the announcement and follow instructions when applying. Please contact Lauren Bowie at **lauren.bowie@nrl.navy.mil** for more information. Vacancy announcement closes on **31 January 2017**.

U.S. NAVAL RESEARCH LABORATORY

Navy is an Equal Opportunity Employer.