

Two Postdoctoral Positions available in Microfluidic bioanalysis & Nano-biosensing

The Li research group at University of Texas at El Paso has a two new **Research Scientist /Postdoctoral Fellow positions available in microfluidics bioanalysis and nano-biosensing.**

The current research focus in Dr. Xiujun (James) Li's group is centered on the development of novel microfluidic Lab-on-a-chip platforms and nanotechnology for cutting-edge research in bioanalytical chemistry, biomedical engineering, and environmental science. Dr. Li is the recipient of numerous prestigious awards such as UT STARS Award in 2012, Bioanalysis New Investigator Award (2014), and UTEP Outstanding Faculty Dissertation Research Mentoring Award (twice) in 2018 & 2016, and NIH BUILDing Scholar Mentoring Award in 2017. Dr. Li published more than 100 papers including three books (e.g., "Microfluidic Devices for Biomedical Applications" through Elsevier). Dr. Li is also an invited editor or Editorial Board (EB) member for multiple scientific journals including *Scientific Reports* from the Nature Publishing Group, *Lab on a Chip*, *Analyst*, *Micromachines*, etc. The Group has received more than \$6.9M research funding since 2012. Dr. Li is a faculty member in Department of Chemistry & Biochemistry, Environmental Science & Engineering, and Biomedical Engineering Programs. He is also the Director of Forensic Science Program at UTEP. See recent media highlight from: https://science.utep.edu/li/files/PDF_Files/Media/20170427_CoS_E-Newsletter_Spring_2017_sm.pdf.

One position is focused on **infectious disease detection**, while the other position is targeted **early cancer biomarker detection**. We are seeking highly motivated and dedicated candidates to join the group. Candidates should have a strong background in at least two of the following areas: microfluidics, nano-biosensors, point-of-care (POC) analysis, infectious disease diagnostics, early cancer detection. Preference will be given to candidates with a **strong publication record** and background in **microfluidics and nano-biosensors for POC analysis**. We expect the successful candidate to fill the position ASAP. Successful candidates will join an interdisciplinary and collaborative team working in chemistry, biology, microbiology, and bioengineering. He/she will work on a NSF or CPRIT-funded project, depending on the expertise. For details about the group, please visit <http://li.utep.edu>.

Candidates are kindly requested to send the following materials to Dr. Li at xli4@utep.edu:

- i) a cover letter highlighting research interests and potential match for the above-mentioned research areas. Please indicate which position you want to apply for, Infectious Disease, or Cancer?
- ii) a recent Curriculum Vitae with a publication list included. *Please note, only *.pdf versions of all materials are accepted.*
- iii) Please arrange two to three recommendation letters, upon request.

The University of Texas at El Paso (UTEP) founded in 1914, is an important component of the University of Texas (UT) System, with an R01 designation by the Carnegie classification (top tier doctoral university with very high research activity). It has grown into a dynamic urban university that serves more than 25,000 students enrolled at El Paso ranked as one of the safest cities of its size in the U.S. UTEP was ranked among the best 10 universities by *Washington Monthly* magazine in 2013. UTEP grows fast. More than \$250 million in construction and renovation projects are underway on the UTEP campus. The newly built cleanroom will provide state-of-the-art facilities for research in microfluidics, nanotechnology, and bioengineering. In addition, the Department of Chemistry & Biochemistry moved into a new state of the art building in early 2012. In 2014, the University had its grand centennial celebration. We warm-heartedly welcome you to join the Li group at UTEP. “Join to grow in wisdom”

