

PhD Student Wanted

The Nano-Thermal Bioengineering Laboratory, University of Texas at Dallas, is looking for highly motivated students to join our fast-growing lab. Our research focuses on fundamental understanding of the bio-nano interface and translating this to biomedical applications. Current efforts focus on the thermo-plasmonic fundamentals and its effects at the interface between biological systems and nanomaterials. This leads to biomedical applications in areas including infectious disease diagnosis, brain drug delivery and release.

We welcome applicants with background from mechanical engineering, biomedical engineering, material science or related disciplines. Research experiences in thermal science, biomedical optics, nanomaterials are not required but will be an advantage.

Successful applicants will be offered with a Research Assistant position which covers tuition benefits and monthly stipend at levels specified by the engineering school (\$1,850 for beginning graduate students, \$1,950 for students after qualifying exam, and \$2,150 after thesis proposal exam). Joint PhD program applicants will also be considered. The start date can be as early as Spring 2016.

If interested, please send a cover letter, CV and reference contacts in PDF format to Dr. Qin (Zhenpeng.Qin@utdallas.edu).

More information about our laboratory can be found at:
<http://me.utdallas.edu/people/qin.html>

Location matters:

UT Dallas is a rapidly growing research institution that fosters interdisciplinary research. UT Dallas is located in the Dallas/Fort Worth (DFW) Metroplex, with around 7 million population, the fourth-largest metropolitan area in the United States. Dallas and its suburbs have one of the highest concentrations of corporate headquarters in the United States. DFW area attracts more than 100,000 new residents per year due to economic growth and job opportunities, and is served by an international airport connecting to all major cities in the US and around the world.



Downtown Dallas (Wikipedia)



UT Dallas Natural Science and Engineering Research Laboratory