

Ph.D. Research Assistantship for Anti-AIDS Drug Discovery Research

The Disease Control and Treatment Engineering Laboratory, Biomedical Engineering Program, College of Engineering at University of Arkansas invites application for one graduate research assistantship at the Doctorate level. The assistantship is available immediately for student in biomedical/bioengineering or cell molecular biology.

Research Areas: The selected candidate will pursue a Doctoral Philosophy degree in Biomedical Engineering to discover new anti-HIV drugs by engineering novel assay systems enabling the visualization of HIV-1 protease inhibition with high-content screening (HCS) format. HCS offers a great promising for discovery of new anti-HIV drugs to combat the emergence of drug resistant HIV mutants and side effects of existing drugs.

Stipends: The graduate assistantship stipend (12-month) plus tuition will be provided and renewed every year upon the satisfaction of academic performance. The stipend will be highly competitive.

Eligibility: Applicants must have Master or Bachelor degree in engineering or science and a grade point average (GPA) higher than 3.0 on a 4.0 scale from both bachelor's and master's level coursework and a GRE score higher than 1100 (Quantitative + Verbal). A TOEFL score is required if English is not student's native language.

Contact: Submit a resume indicating a GPA, GRE, TOEFL (if applicable), working experience, relevant courses, and a list of publication (if applicable), and the names and addresses of two references by email to:

Dr. Sha Jin

Biomedical Engineering Program

College of Engineering

E-mail: sjin@uark.edu

Phone: 479-575-2094