

Available Positions

Postdocs: Two postdoc positions are available immediately, in the following areas:

PDF#1: The ideal candidate should possess an outstanding background in materials science and engineering, focusing on the development of hybrid nanostructures with unique optical and magnetic properties for applications in real-time sensing systems.

PDF#2: We have one postdoctoral position available in the field of bioengineering. Preference will be given to candidates with strong expertise in bioreactor systems and simulation.

Graduate Students: At the Zhang Group, graduate students will engage in cutting-edge research within a multidisciplinary environment. They will receive extensive training in biomedical device design and development, nanomaterial synthesis and characterization, bioanalytical experiments, as well as image processing and machine learning techniques. Collaborative opportunities with other research groups will allow students to gain expertise in fields such as clinical biochemistry and environmental management. Applicants with a robust research background in the following areas are encouraged to apply:

Area 1: Theranostics. Preference will be given to candidates with knowledge and research experience in nanomaterial synthesis and characterization.

Area 2: Bio-leaching. Preference will be given to candidates with research experience in soft robot design, modeling, and control. Knowledge and research experience in biomimetics, polymers (including hydrogels and elastomers), and/or wearable electronics will be advantageous.

Area 3: Stretchable Electronics. Preference will be given to candidates with research experience in flexible/stretchable electronics. Experience in circuit design will be considered a plus.

Undergraduate Students: Various projects related to the aforementioned areas/topics are available for undergraduate students to pursue as thesis or summer research projects.

Interested individuals are encouraged to contact Prof. Jin Zhang (jin.zhang@uwo.ca) for further details.