Graduate Research Assistantship Announcement

Department of Mechanical and Materials Engineering,
Maseeh College of Engineering and Computer Science,
Portland State University,
Portland, OR

A graduate research assistantship (GRA) position is available for highly motivated students who are interested in research focused on materials science and engineering in the Department of Mechanical and Materials Engineering, Portland State University in Portland, Oregon.

Financial Coverage: This assistantship will cover the student’s tuition and fees for 9 credits, and provides an additional monthly stipend. This GRA position is available as early as the spring term of 2020. The duration of this position will depend on the performance of the student and whether this student plans to finish their MS or PhD degree.

Research Focus: The student will work on a project that is focused on applying graphene for spintronic applications by learning how to grow and characterize graphene, and then use graphene to fabricate novel graphene-based device for characterize graphene’s capability for spintronic applications. Some research experience in related area is highly desirable but it is not a requirement.

Eligibility:
- Graduate students who will be starting at PSU in Fall 2020
- Current graduate students at PSU who are in good academic standing
- Major in physics or electrical engineering
- Strong hands-on capability
- Interest in operating instruments for nanodevice fabrication and characterization

Application and Contact: If you are interested in this position, please contact Prof. Jun Jiao via email (jiaoj@pdx.edu) with your research statement and your interest to finish either a MS or a PhD degree, a copy of your last four-years’ transcripts (unofficial transcripts are acceptable), and a copy of your CV.