

Graduate Research Assistantship: Lignocellulosic Biomaterials

The Michigan Technological University (MTU) School of Forest Resources and Environmental Science (SFRES) is seeking outstanding and motivated applicants for a 3-year Graduate Research Assistantship at PhD level to study lignocellulosic biomaterials, focusing on lignin utilization and biomass-based carbon. The assistantship includes full stipend and tuition.

Applicants must have strong background in organic chemistry and polymer science. A degree in chemistry, applied chemistry, chemical engineering, and research experience in renewable biopolymers is preferred. Preference will also be given to applicants with a Master's degree. The applicants must be willing to collaborate with others and able to work as a team member.

To apply, create one single PDF file including: (1) cover letter; (2) curriculum vitae; (3) unofficial transcripts of undergraduate and graduate courses; and (4) contact information of three references. International applicants whose first language is not English must include unofficial GRE and TOEFL scores. In the cover letter, please explain your qualification, research interest, and research experience related to this position. Please name the PDF file with your last name and email it to Dr. Xinfeng Xie (xinfengx@mtu.edu). In the email subject line type "Re: Lignocellulosic Biomaterials Assistantship". Reviewing of applications will begin immediately and continue until the position is filled. Desirable candidates will be invited to submit their official applications to MTU Graduate School.

Please contact Dr. Xinfeng Xie (xinfengx@mtu.edu), Assistant Professor of Forest Biomaterials, for more information.

The student will be based in Houghton, Michigan within MTU SFRES. MTU is located in Michigan's Keweenaw Peninsula on the south shore of Lake Superior, an excellent place for outdoor adventure. Houghton, Michigan is a safe and friendly community (see www.mtu.edu/international/admissions/community/ for more about life in the area).