

Graduate Assistantship at the School of Forest Resources, University of Maine

A graduate research assistantship is available at the School of Forest Resources (SFR), the University of Maine, to support one (1) highly qualified M.Sc. or Ph.D. student to start in Fall 2020. The available research areas include:

- Energy-saving and moisture management of building systems
- Development of functionalized biochar composites
- Forestry-based biomass combustion and its environmental impact

The specific research topic will align with the successful candidates' experience, education, and interest. The research will be conducted at the Energy Testing Lab of SFR at UMaine.

Qualifications:

Students with a background in one of the following disciplines are encouraged to apply:

- Wood Science/Technology/Engineering or Sustainable Materials Science/Technology
- Materials science/Engineering
- Chemical Engineering
- Structural/Civil/Mechanical Engineering

The ideal applicant is a team worker, has a high level of intellectual curiosity, and can work independently.

For the Master's student, a B.Sc. degree in one of the above disciplines is required. For the Ph.D. student, an additional M.Sc. degree in one of the above areas is required. Excellent written and verbal communication skills are required. International students must have acceptable TOEFL scores or equivalent.

Assistantship:

An annual stipend (about \$23,000) paid in 12 monthly installments plus half the Annual Health Insurance fee and full tuition waiver (up to 9 credits per semester) will be provided for an expected 20 hours per week appointment. Operating funds for conducting research and travel for attending the conference will also be available.

About the University of Maine School of Forest Resources (SFR, <http://forest.umaine.edu>):

With almost 90% of the state covered by forest, forest resources are central to Maine's quality of life and economy. The SFR provides essential forestry education and research and is a signature area of the University of Maine. Over 40 graduate students are currently enrolled in M.F., M.S., and Ph.D. programs within the SFR. The University has over 12,000 students and is the state's flagship research institution.

How to apply:

Interested candidates should send a copy of their statement of purpose, CV, contact information of three references, transcripts and TOEFL scores to Dr. Ling Li at ling.li@maine.edu.

