

MS. assistantship in Bioinformatics

A graduate research assistantship at MS level is available in the laboratory of Dr. Hairong Wei (<http://forest.mtu.edu/faculty/wei/>) at School of Forest Resources & Environmental Science, Michigan Technological University (MTU). The research duties of this position includes developing novel computational approaches to infer gene functions with microarray data from poplar, and web applications (tools) with JSP, or PHP, and MySQL.

Applicants should have interest in developing a career in bioinformatics systems biology. Those who have skills and experience in at least one of the following two areas are encouraged to apply: Computer programming (in particular web application), gene expression data analysis. Strong ability in data manipulation using programming languages like R/SAS, perl, java, and C is anticipated. The candidate should possess the ability to work independently and the attitude to work cooperatively in a team environment. A background in either machine learning or molecular biology will be a plus, though not a requirement.

Expected start date: January 2010

Interested candidates should send a resume highlighting their experience and interests, GRE scores (TOEFL is required for international students), and names and email addresses of three references to Dr. Hairong Wei (hairong@mtu.edu)