

**Ph.D. Research Assistantship in Population Genomics
Biotechnology Research Center
School of Forest Resources and Environmental Science
Michigan Technological University, Houghton, MI**

A Ph.D. research assistantship in population and quantitative genetics with a major focus on forest trees is immediately available (see Gailing et al., 2009 in press *Physiologia Plantarum*, Gailing et al. 2008, *Global Change Biology* 14:1934-1946., Curtu et al. 2007, *BMC Evolutionary Biology*. Doi: 10.1186/1471-21-48-7-218.). You will be involved in a project that employs molecular genetic and genomic tools for dissecting the genetic basis of forest trees adaptation to changing and variable environments. You will be part of Michigan Tech's Ph.D. in Forest Molecular Genetics and Biotechnology graduate program and will have ample opportunities to interact with other faculty, research scientists and graduate students (<http://forest.mtu.edu/gradstudies/openings.htm>).

An MS degree earned in the field of plant molecular biology or population genetics is essential. A background in evolutionary biology and population genetics is highly desirable. You should be familiar with molecular genetic techniques, e.g. DNA extraction, PCR, fragment analysis, sequencing and cloning. Selection will be based on academic achievements, reference letters and previous research experience. An on-Campus personal interview may be required. Tuition and fees waiver and a standard stipend package commensurate with your experience will be offered.

Send resume highlighting your experience and interests, GRE scores (TOEFL required for international students), and names and email addresses of three references to Dr. O. Gailing (ogailing@mtu.edu), Assistant Professor for Ecogenomics, School of Forest Resources and Environmental Science, Michigan Technological University, Houghton, MI 49931. Please visit <http://forest.mtu.edu/faculty/gailing/index.html> for more information on our research programs.

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