

Tenure-Track Faculty Position in Forest Functional Genomics and Tree Biotechnology
Michigan Technological University
School of Forest Resources and Environmental Science

The School of Forest Resources and Environmental Science at Michigan Technological University (<http://forest.mtu.edu>) invites applications for a full-time tenure-track faculty position in the area of Forest Molecular Genetics and Biotechnology. We have a long-standing and nationally recognized program in tree biotechnology and genomics aimed at improving commercially valuable tree characteristics.

This position is open at the level of Assistant, Associate, or full Professor. Areas of specialization are flexible but may include applications of tree genomics, transcriptomics, proteomics and metabolomics to problems associated with wood formation, flowering, annual and secondary growth controls, biotic and abiotic stress tolerance, biofuel production, carbon sequestering and partitioning, wood quality traits, and bioremediation.

Terms of the appointment: nine-month, tenure-track positions beginning August, 2008. Salary will be commensurate with qualifications and experience. Competitive start-up package and laboratory space will be provided.

Candidates must possess a Ph.D. in a relevant field (e.g., molecular genetics, genomics, biotechnology, forest ecology, forest ecosystems). An outstanding record of research and teaching excellence is desirable. The successful candidates will be expected to: (i) develop a vigorous, extramurally funded research program supporting Masters and Doctoral students, and (ii) develop and teach courses within areas of the applicant's expertise that also complement the needs of our graduate and undergraduate curriculum. A record of sustained and active extramural research funding, extensive experience in education and training of graduate students, and ability to establish multidisciplinary collaborative research projects is required.

The School has undergraduate degree-granting programs in Forestry, Wildlife Ecology and Management, and Applied Ecology and Environmental Science, with graduate programs in Forestry (MS and MF), Forest Ecology and Management (MS), Applied Ecology (MS), Forest Science (Ph.D.), and Forestry Molecular Genetics and Biotechnology (MS and Ph.D.). The School also hosts the Biotechnology Research Center (BRC, <http://biotech.mtu.edu>) and Ecosystem Science Center (ESC, <http://ecosystem.mtu.edu>). These centers encompass a large number of faculty members within and outside our School with diverse research programs including genomics, biotechnology, molecular genetics, molecular ecology, plant physiology, animal ecology, and forest ecology and management. We seek outstanding teachers and researchers who will complement existing strengths in the ESC and BRC, participate in interdisciplinary research collaboration within and outside the School, and contribute to the education and research missions of the School. The School is co-located with a U.S. Forest Service ecosystems lab and offers additional opportunities for collaboration and access to facilities, including a rhizotron (<http://www.nrs.fs.fed.us/4159/>). Other on-campus center activities related to these positions include Sustainable Futures Institute (<http://www.sfi.mtu.edu/>) and Wood to Wheels initiative (<http://www.sfi.mtu.edu/w2w>).

Michigan Technological University is a public science and engineering university that enrolls sixty-five hundred students. We are located in Michigan's beautiful Upper Peninsula that is replete with lakes, wetlands and forests and boasts exceptional outdoor recreational opportunities.

Applicants should send curriculum vita, names and contact information of three references, a one-page statement of research interests, and a one-page statement of teaching philosophy as a hard copy by mail and pdf by email to:

Forest Functional Genomics and Tree Biotechnology Search Committee
C/O Dr. Chandrashekar P. Joshi (cpjoshi@mtu.edu), Chair
School of Forest Resources and Environmental Science
Michigan Technological University
1400 Townsend Drive
Houghton, Michigan 49931-1295

Your application should include a subject line for emails: *Application for Forest Functional Genomics and Tree Biotechnology Position*. Review of applications will begin on March 1, 2008, and will continue until the positions are filled. Questions may be directed to Dr. Shekhar Joshi (cpjoshi@mtu.edu).

Michigan Technological University is an equal opportunity education institution/equal opportunity employer.