Graduate Research Assistantship
Characterization of lignocellulose deconstruction by fungi

Department of Plant Pathology
University of Minnesota, St. Paul, Minnesota

The Department of Plant Pathology at the University of Minnesota is currently accepting applications for a Graduate Student Research Assistant position to conduct research in the area of fungal biology. The graduate student will investigate the adaptations and mechanisms of wood degradation employed by brown rot fungi. This project is funded by the US Department of Energy and involves multiple laboratories and institutions (US Forest Service/U of Wisconsin-Madison/Pacific Northwest National Lab). This position will primarily be directed by Drs. Melania Figueroa and Jonathan Schilling, and is available to start in Fall 2014, or no later than Spring 2015. The graduate student assistant will be required to use state-of-the-art comparative genomics and transcriptomics technologies to identify and spatially resolve agents responsible for lignocellulose deconstruction. Due to the nature of the project, this position will require close interactions with our team of scientists and staff at the Minnesota Supercomputing Institute (MSI). This is an excellent opportunity to gain expertise in the area of genomics and bioinformatics while gaining basic biological training within an applied context.

The position is based in the Department of Plant Pathology on the St. Paul Campus of the University of Minnesota. If you are interested in this position please apply via our website: http://plpa.cfans.umn.edu/Education/ProspectiveStudents/index.htm. Inquiries regarding the position can be directed to:

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