

## CHARLES H. MICHLER

2010-Present Tropical Hardwood Tree Improvement and Regeneration Center  
Northern and Pacific Southwest Research Stations  
17 Partner Institutions and Organizations in Hawai'i

2009-Present Fred M. van Eck Director  
Hardwood Tree Improvement and Regeneration Center  
Department of Forestry and Natural Resources  
Purdue University

2005-Present Director and Site Director  
NSF I/UCRC Center for Advanced Forestry Systems

2000-Present Director, Program Manager (GS-14, 15), and Station Director's  
Representative, Northern Research Station

1999-Present Adjunct Associate Professor and Professor, FNR, Purdue University

Serves as Associate Editor for: *Plant Breeding Reviews* (2003-present) and *Journal of Forest Research* (2007-present).

As Director of Hardwood Tree Improvement and Regeneration Center (HTIRC), Dr. Michler leads the strategic planning for hardwood research and development of 9 principal scientists. HTIRC, with staff totaling over 58 Forest Service and Purdue employees (18 permanent, 25 graduate students, 3 post-docs, and 12 temporary) and an annual budget of over \$5.5 M, of which \$1.4 M is base operating, has been publishing over 90 papers (basic, applied and extension) a year. Currently, Dr. Michler is Site Director of the National Science Foundation Industry University Cooperative Research Center, Center for Advanced Forestry Systems. Over Dr. Michler's career, he has produced over 184 publications, ranging from refereed papers, proceedings, and popular articles to reports. He has shared in grants over \$5.8 M, of which over \$2.8 M went towards his personal research. Dr. Michler has been instrumental in procuring on Purdue's behalf four endowments totaling \$39.8 M.

### Current Research Interests

In particular, Dr. Michler's planning focuses on development and dissemination of knowledge on the genetic improvement of American chestnut, black walnut, northern red and white oak, black cherry, butternut and koa. Dr. Michler has led research on bioengineering of black walnut and in vitro propagation of black cherry. These trees are targeted for restoration and regeneration of threatened and endangered trees and sustainable hardwood forests for the production of genetically diverse ecosystems and forest products.