

COOPERATIVE RESEARCH ON FOREST PRODUCTIVITY, HEALTH, AND SUSTAINABILITY

A McIntire-Stennis supported project since 2009

This project is associated with the Forest Biology Research Cooperative (FBRC), a collaborative effort between UF and corporate forest landowners and genetics. FBRC is co-Directed by SFRC faculty Tim Martin and Gary Peter. FBRC's mission is to work with our cooperators to improve planted pine forest productivity, health and sustainability. The scientific approach is to study interactions between genetics and the environment, where the environment includes silvicultural treatments, soils, and weather and climate.

We take a multi-disciplinary team perspective, bringing to bear expertise in silviculture, genetics, soils and nutrition, and forest pathology and entomology, applied to a network of long-term field experiments established across the southeast U.S.



COLLABORATION



In partnership with:

Weyerhaeuser, Rayonier, ArborGen,
F&W, Resource Management Service

IMPACT

Leadership in University-led forest biology research in the USA. Production of high-quality data for improving productivity, genetics, and forest health.

About McIntire-Stennis

The McIntire-Stennis program, a unique federal-state partnership, cultivates and delivers forestry and natural resource innovations for a better future. By advancing research and education that increases the understanding of emerging challenges and fosters the development of relevant solutions, the McIntire-Stennis program has ensured healthy resilient forests and communities and an exceptional natural resources workforce since 1962.



46 Students Supported

FBRC studies have provided research platforms for 23 Masters and 23 Ph.D. graduate students from UF and through collaborations with Texas A&M University, University of California at Davis, and Virginia Tech.



100 Publications

Over 100 peer-reviewed publications based on FBRC studies on disease resistance, physiology, quantitative genetics, wood quality, water use efficiency, production ecology, and remote sensing.



\$25 Million

Over \$25 million generated from funding from Federal and internal grants based on FBRC studies in the past 5 years, complementing cooperators' contributions.