



RESEARCH INTERNSHIP IN FOREST ECOLOGY -- SUMMER 2012

Compositional Change, Growth-Climate Relationships, Carbon Storage, and Regeneration Patterns at Allee Memorial Forest

Cooperative Project involving
Wabash College and Franklin &
Marshall College (PA)

Faculty Mentor: Timothy Sipe
(78), Department of Biology,
Franklin & Marshall

Internship Dates: 8 weeks, during May 14-July 20

Research Team: one Wabash student, one F&M student, and Prof. Sipe

Research Goals: In 2011, we measured forest composition and cored trees in two mature stands. This summer, the goals are to: (1) map and measure trees in a third mature stand dominated by oaks; (2) core trees in both the oak stand and a mid-successional old field forest; and, for all four stands, (3) quantify tree seedling populations and seedling growth rates, (4) measure understory light levels and patterns, and (5) measure down woody debris using U.S. Forest Service protocols.

For further information, contact Prof. Sipe at timothy.sipe@fandm.edu, 717-291-4188
or Prof. Wetzel (chair, Biology Department)