



CAFS Graduate Research Assistantship in Growth & Yield of Spruce-Fir Commercial Thinning



The **Center for Advanced Forestry Systems (CAFS)** at the University of Maine is seeking a highly-qualified Ph.D. student to analyze and model a comprehensive dataset from the Cooperative Forestry Research Unit (CFRU) Commercial Thinning Research Network. The CFRU is one of the oldest forest landowner / university cooperatives in the United States and conducts applied scientific research to advance forestry practices in Maine (see www.umaine.edu/cfru for more information).

Responsibilities: The student will analyze and model growth data from two long-term commercial thinning experiments on sites across Maine. The student will be expected to work closely with growth & yield modeling efforts underway within CAFS and CFRU. Graduate work will be done in the University of Maine's School of Forest Resources. Some field work may be required.

Qualifications: An undergraduate degree in forestry, silviculture, or closely related field, and an M.S. degree in forest biometrics, statistics, or other quantitative research. The ideal candidate will have extensive database management experience, strong knowledge of silviculture, and experience with forest growth models and computer simulators. Evidence from recommendation letters of a strong work ethic, high level of intellectual curiosity, and proven ability to work independently will be essential.

Assistantship: The 20 hour/week graduate research assistantship includes a stipend (\$17,000 - 19,000/yr depending upon qualifications), a full tuition waiver, and health insurance.

For further information contact:

Robert G. Wagner

5755 Nutting Hall
University of Maine
Orono, ME 04469-5755

Phone: 207-581-4737
Email: robert.wagner@maine.edu