

Implications of Mid-Rotation Pine Plantation Treatments for Wildlife Habitat and Stand Profitability

Agency: Warnell School of Forestry and Natural Resources – University of Georgia

Location: Athens, Georgia

Job Category: Graduate Assistantships

Website: www.warnell.uga.edu

Salary: \$18,981/year (MS) or \$25,645/year (Ph.D.)

Start Date: August 1, 2016

Last Date to Apply: May 1, 2016

Description: We are seeking an outstanding student to pursue a M.S. or Ph.D. in Forest Resources in the Warnell School of Forestry and Natural Resources at the University of Georgia. The overall project will evaluate the implications of mid-rotation pine plantation treatments for wildlife habitat and stand profitability. Specifically, the successful applicant will address the following objectives: (1) evaluate the effects of four mid-rotation timber harvest regimes, with and without prescribed fire, on northern bobwhite habitat, wild turkey habitat, and white-tailed deer forage quantity; (2) evaluate the effects of the four mid-rotation timber harvest regimes on stand net present value (NPV); and (3) identify the treatment combination resulting in optimization of financial returns and wildlife habitat quality. The student's thesis or dissertation may include part or all of those components as their interests and project goals allow.

The successful student will be co-advised by Dr. Karl Miller (<http://www.ugadeerresearch.org/>) and Dr. James A. Martin. The student will have ample opportunities to work with the timber industry, state wildlife agency, and private landowners.

Qualifications: For individuals interested in pursuing a M.S. degree, we require a B.S. degree in wildlife conservation, forestry, ecology, or closely related field. For individuals interested in pursuing a Ph.D. degree, we require a M.S. degree in wildlife conservation, forestry, ecology, or closely related field. Applicants with strong quantitative and writing skills, and a background in forestry and wildlife management will be given preference. To be considered for this position, please send a cover letter outlining your interests and research background, a resume or curriculum vitae (including GPA and GRE scores), and contact information for three professional references (name, email, phone, address) as either a PDF or MS Word file to jmart22@uga.edu.

The selected student is expected to enroll at the University of Georgia in the Fall Semester of 2016. Applicants can find additional details on the graduate programs at: <https://www.warnell.uga.edu/grad/index.php>.

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