

Christopher Bryn Davidson

Education

Ph.D. College of Forestry and Wildlife Resources, Virginia Tech - 1997.

Concentration: Silviculture, Forest Ecology.

Dissertation title: *Effects of European gypsy moth defoliation in mixed pine-hardwood stands in the Atlantic Coastal Plain.*

M.Sc. College of Forest Resources, North Carolina State University - 1988

Concentration: Silviculture, Growth and Yield.

Minor: Statistics.

Thesis title: *Prediction of total stand ingrowth in southeastern mixed species bottomland hardwood forests.*

B.Sc. College of Forest Resources, North Carolina State University - 1985

Concentration: Forest Management.

Experience

Research and Development Manager: Champion International Corporation, Roanoke Rapids, NC (Aug. 1997 - present).

Responsible for the coordination and administration of research and development activities for the Eastern Carolina Region. Region consists of approximately 216,000 acres in North Carolina and Virginia. This includes the initiation, maintenance and technology transfer for studies relating to conifer silviculture, genetics, hardwood silviculture, pesticides and herbicides, growth and yield, forestry information systems and wood technology, and the supervision of two research technicians.

Graduate Teaching Assistant: College of Forestry and Wildlife Resources, Virginia Tech, Blacksburg, VA (Aug. 1996 - Aug. 1997).

Taught one laboratory section of *Survey of Forest Ecology and Management*, a Junior level course within the Department of Forestry, College of Forestry and Wildlife Resources. This included, lectures, field instruction, and grading of laboratory field assignments and written reports.

Research Associate: College of Forestry and Wildlife Resources, Virginia Tech, Blacksburg, VA (Aug. 1991 - Aug. 1996).

Established, measured and maintained a large two-state research plot network, designed to evaluate the effects of gypsy moth defoliation on Atlantic Coastal Plain pine-hardwood stands. This included establishment of all research plots, collection of field data, interpretation and statistical analysis, database management, preparation of annual reports and annual proposals, scientific report writing, public speaking, guest lectures, and supervision of student technicians. Computer packages routinely used included Quattro Pro, WordPerfect, MS Word, Freelance Graphics, SigmaPlot, and SAS.

Forester: Georgia-Pacific Corporation, Southern Woodlands, Lake Butler, FL (Jun. 1989 - Aug. 1991).

Managed over 40,000 acres of timberland, including slash and loblolly pine plantations and natural hardwood stands. Responsibilities included supervising two logging crews, overseeing all site preparation, tree planting, stand description, Continuous Forest Inventory, road layout and maintenance, fire suppression and prescribed burning, insect and fire damage reports and timber security checks. This position also required the direct supervision of both company Technicians and independent contractors.

Research Assistant: College of Forest Resources, North Carolina State University, Raleigh, NC (Jun. 1988 - May 1989).

Research Assistant to Postdoctoral fellow studying vegetative propagation of sweetgum. This included collection of field data, laboratory analyses and statistical analysis using SAS.

Graduate Teaching Assistant: College of Forest Resources, North Carolina State University, Raleigh, NC (Aug. 1986 - May 1988).

Taught the laboratory and assisted with lectures in the following undergraduate courses: Dendrology, Aerial Photo Interpretation and Photogrammetry, Forest Mensuration and Forest Management.

School Forest Work Crew: College of Forest Resources, North Carolina State University, Raleigh, NC (Aug. 1984 - May 1985).

Member of work crew that maintained the school forests. Conducted forest inventory, timber stand improvement, harvesting, heavy equipment operation.

Logging Crew: Forest Department, Kingston, Jamaica (Jun. 1981 - Aug. 1981).

Member of an experimental high-lead cable logging crew that was harvesting Caribbean pine plantations in the Blue Mountains. Duties included, felling, bucking, and choking trees, and tractor driver.

Honors and Awards

Xi Sigma Pi, National Forestry Honor Society, Chi Chapter, Virginia Tech.

Gamma Sigma Delta, The Honor Society of Agriculture, VPI & SU Chapter.

Graduate Research Symposium, Second Place - Sciences Section, Virginia Tech, 1996.

Graduate Research Symposium, Second Place - Sciences Section, Virginia Tech, 1995.

Graduate Student Certificate for Outstanding Teaching, North Carolina State University, 1987-1988.

President of Forest Resources Association of Graduate Students, North Carolina State University, 1986-1987.

Forestry Representative to Graduate Student Association, North Carolina State University, 1986-1987.

James L. Goodwin Award, School of Forest Resources, North Carolina State University, 1984-1985.

Professional Activities

Member of the Society of American Foresters

Member of the Ecological Society of America

Member of the International Society of Tropical Foresters