

Graduate Students - Completed

Jean Lorber – M.S. (May 2003)

Thesis Topic: Effects of Alternative Silvicultural Practices on Oak Regeneration in the Southern Appalachians.

Kevin Kyle – M.S. (May 2004)

Thesis Topic: Evaluating Nitrogen Containing Controlled Release Fertilizers at Stand Establishment in Loblolly Pine.

Chad Casselman – M.S. (May 2005)

Thesis Topic: Effects of Silvicultural Treatments and Soil Properties on the Establishment and Productivity of Trees Growing on Mine Soils in the Appalachian Coalfields.

Dzhamal Amishev – M.S. (December 2005)

Thesis Topic: Impact of weed control and fertilization on survival and growth of planted white pine, shortleaf pine, Virginia pine, and loblolly pine in comparisons with natural regeneration.

Matthew Yancey – M.F. (December 2005)

Thesis Topic: Forest stewardship plan for Hull Springs Farm

Robert Sybert. – M.S. (May 2006)

Thesis Topic: Using foliage analysis to diagnose nutrient deficiencies in Loblolly pine.

Roberston Elliot – M.S. (December 2006)

Thesis Topic: Comparison of the impact of fertilization with urea and controlled release fertilizer on soil nitrogen availability and volatilization in a thinned loblolly pine plantation in the Virginia Piedmont.

Chad Atwood – M.S. (August 2008)

Thesis Topic: Impacts of alternative silvicultural systems on regeneration of Appalachian hardwoods.

Aaron Pratt – M.S. (December 2008)

Thesis Topic: Effectiveness of BMPs to protect water quality following the application of biosolids to pine plantations in Virginia.

Eric Sucre – PhD (December 2008)

Dissertation Topic: Nutrient dynamics in Appalachian hardwood forest ecosystems

Eduardo Arellano – PhD (May 2009)

Dissertation Topic: Impact of biosolids applications in forests on tree growth and nutrient dynamics

Bradley Miller – Ph.D. (May 2009)

Dissertation Topic: Long-term phosphorus availability following P fertilization in loblolly pine stands in the southern U.S.

Lance Vickers – M.S. (December 2009)

Thesis Topic: Evaluating regeneration potential in Appalachian hardwood forests.

Claudia Cotton – PhD (May 2010)

Dissertation Topic: Incorporating climate, topography, geology, and soils data into a GIS to predict forest soil quality in the southern Appalachians.

Jeremy Stovall – PhD (August 2010)

Dissertation Topic: Ecosphysiological basis of growth differences in clonal loblolly pine plantations

Alejandra Lara Chaves – PhD (December 2010)

Dissertation Topic: Somatic embryogenesis in *Pinus taeda*, *P. palustris* and *P. oocarpa*.

Graduate Students- Current

Paige Parrish – M.S. Candidate (Expected Graduation May 2011)

Thesis Topic: Edaphic factors influencing hardwood regeneration in seven alternative silvicultural systems in the southern Appalachians.

L. Chris Kiser – PhD Candidate (Expected Graduation August 2011)

Dissertation Topic: Contrasting changes in soil carbon nutrient pools and transformation in intensively managed plantations of pine and hardwoods.

Nicholas Bonzey – M.S. Candidate (Expected Graduation May 2011)

Thesis Topic: Influence of soil chemical and physical properties on growth of clonal loblolly pine in the Piedmont.

Amy Werner – M.S. Candidate (Expected Graduation – May 2012)

Thesis Topic: Nutrient release characteristics of controlled release fertilizers and nutrient uptake by loblolly pine.

Kevan Minick – Ph.D. Candidate (Expected Graduation – May 2013)

Dissertation Topic: Soil quality and environmental sustainability of a loblolly pine/switchgrass intercropping system. (Co-Chair with Brian Strahm)

Marco Yanez – Ph.D. Candidate (Expected Graduation - December 2013)

Dissertation Topic: Ecophysiology of growth response of clonal loblolly pine. (Co-Chair with John Seiler)

Postdoctoral Research Associate

Dr. David Jones (2006 – 2007)

Ph.D. Univ. of Georgia.

Research Topic: Investigating the causes and impacts of stem sinuosity on wood properties of loblolly pine

Dr. Yuzhen Li (2009 -2010)

PhD. University of Washington

Research Topic: Modeling impacts of intensive silviculture on wood quality in loblolly pine.

Dr. Christine Blinn (2005 to present)

Ph.D. Virginia Tech.

Research Topic: Evaluating use of remote sensing including Landsat, to determine leaf area and productivity of plantations of pine and eucalyptus in the southern United States and South America.

Dr. Jose Zerpa (2010 to Present)

Ph.D., North Carolina State University

Research Topics: Dynamics of root growth in varietal loblolly pine. Nitrogen uptake efficiency following fertilization using N15 labeled fertilizers.