

DR. REBECCA J. BARLOW

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Employment

EXTENSION SPECIALIST/ASSOCIATE PROFESSOR <i>Auburn University</i>	APRIL 2012- PRESENT <i>School of Forestry and Wildlife Sciences</i>
EXTENSION SPECIALIST/ASSISTANT PROFESSOR <i>Auburn University</i>	JANUARY 2007- APRIL 2012 <i>School of Forestry and Wildlife Sciences</i>
FORESTER <i>Weyerhaeuser Company</i>	JUNE 1994 – JANUARY 2007 <i>Mississippi/Alabama Timberlands</i>

Education

DOCTOR OF PHILOSOPHY <i>College of Forest Resources, Mississippi State University</i>	AUGUST 2000 – MAY 2005 <i>Starkville, Mississippi</i>
MASTER OF SCIENCE <i>College of Forest Resources, Mississippi State University</i>	MAY 1992 - MAY 1994 <i>Starkville, Mississippi</i>
BACHELOR OF LANDSCAPE ARCHITECTURE <i>Mississippi State University</i>	AUGUST 1987 - MAY 1992 <i>Starkville, Mississippi</i>

Brief Biography

As an Alabama Cooperative Extension System Specialist with the School of Forestry and Wildlife Sciences at Auburn University, Dr. Becky Barlow aids private forest landowners in the management of their property for multiple uses. Agroforestry research and demonstration areas are a focus. Southern pine management, especially longleaf pine for private landowners, is an important part of current programs. In addition, she also teaches several courses in forest measurements and land management basics in Auburn University's School of Forestry and Wildlife Sciences. Current appointment: 70% Extension, 30% Teaching.

Honors and Awards

- 2011** Auburn University, School of Forestry and Wildlife Sciences - Harold E. Christen, Teaching Award.
- 2011** Silver Level Award, Youth and Teacher Education Program. *From eyesore to outreach: Using service learning and writing models to link students, communities and the land.* – Southern Region Extension Forestry
- 2011** Gold Level Award, Video Category. *Silvopasture: 30 years of applying research and innovation* – Southern Region Extension Forestry
- 2009** Auburn University Student Forestry Club and Chapter of the Society of American Foresters - Teacher of the Year.
- 2009** SGA – School of Forestry and Wildlife Sciences – Outstanding Faculty Member.
- 2009** Southern Region Extension Forestry (SREF) Gold Level Award, Video Category. *60 years on the “Farm 40”: longleaf pine management for the private landowner.*
- 2008** Auburn University Student Forestry Club and Chapter of the Society of American Foresters - Teacher of the Year.

Honors and Awards of Graduate Students

- 2012** Emily Stutzman-Jones awarded SAF Diversity Scholarship
- 2012** Janice Dyer - Auburn University School of Forestry and Wildlife Science; The James Henderson Dukes Fellowship for Excellence in Study and Research
- 2010** Janice Dyer – Auburn University, School of Forestry and Wildlife Sciences - Drummond Fellowship.
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TEACHING

2012-present	Associate Faculty, School of Forestry and Wildlife Sciences, Auburn University
2007-2012	Assistant Faculty, School of Forestry and Wildlife Sciences, Auburn University
2005-present	Adjunct Faculty Member, College of Forest Resources, Mississippi State University
2005-2007	Teacher, Dyslexia Foundation of Memphis and Golden Triangle Dyslexia Foundation. Taught children with dyslexia and other learning disabilities reading, language and creative writing.
2003	Guest lecturer, Nonmarket Forest Values (FO8113). Mississippi State University
2001	Guest lecturer, Nonmarket Forest Values (FO8113). Mississippi State University

EXTENSION

Activities since 2007

Invited lectures- 18

Includes Master Tree Farmer and NRCS webinar series. Also delivered face-to-face talks on pine straw and other agroforestry techniques, forest economics, and basic land management.

Professional meeting presentations- 43

Pine straw and other agroforestry techniques, forest economics, and basic land management. Longleaf and other southern pine management. Forest technology, and prescribed fire.

Continuing education events organized – 44

Includes forestry and wildlife webinars, Alabama teacher (GEMSU) training, Region-wide shortleaf pine conference, forestry technology training and alternative forest products workshops.

Field tours organized- 6

Includes elementary school field days, longleaf pine field days on the Escambia Experimental Forest in Brewton, Alabama, and agroforestry field tours.

In-service training organized- 4

Training for Alabama Cooperative Extension System Regional Agents and Specialists.

Selected Publications (*author was student)

Refereed journal articles

- *Dyer, JF, B Barlow, J Kush, G Keever, L Teeter, and W Morse. In press. Factors in Alabama landowner interest in harvesting pine straw and willingness to accept prices. *Small Scale Forestry*.
- Barlow, R.J.** 2012. Natural Resource Service learning to link students, communities, and the land. *Journal of Extension*. 50(5). Online.
<http://www.joe.org/joe/2012october/iw3.php>.
- *Dyer, J.F., **R.J. Barlow**, G.J. Keever, and W.C. Morse. 2012. Market demands and characteristic preferences for pine straw in Alabama. *Journal of Environmental Horticulture*. 30(1): 1-7.
- Barlow, B.**, J. Kush, and W. Boyer. 2011. Sixty years of management on a small longleaf pine forest: A Technical Note. *Southern Journal of Applied Forestry*. 35(1): 50-53.
- Paula, A.L., C. Bailey, **R.J. Barlow**, and W. Morse. 2011. Landowner willingness to supply timber for biofuel: Results of an Alabama survey of private non-corporate forestland owners. *Southern Journal of Applied Forestry* 35(2):93-97.
- Grado, S.C., D.L. Grebner, **R.J. Barlow**, and R.O. Drier. 2009. Valuing habitat regime models for the red-cockaded woodpecker in Mississippi. *Journal of Forest Economics*. doi:10.1016/j.jfe.2009.03.001
<http://dx.doi.org/10.1016/j.jfe.2009.03.001>
- ### *Alabama Cooperative Extension System publications*
- Barlow, B. 2013. Management of Hardwood Forests for Timber in Alabama. ANR-0581, Revision. Contribution 100%.
- *Dooley, E. and **R. Barlow**. 2013. Costs and Trends of southern forestry practices 2012. Alabama Cooperative Extension System FOR-2001.
- Barlow, B.**, T.R. Clark, and T. Starkey. 2013. Tree planting contracts for landowners: FAQ. Alabama Cooperative Extension System. ANR-1458.
- *Marable, A.C., **R.J. Barlow**, J.S. Kush. 2013. Living Fire: Shaping Alabama's human and natural environments through time. Alabama Cooperative Extension System.
- Barlow, B.**, D.K. Lauer, and J.S. Kush. 2012. "Site index for longleaf pine". Alabama Cooperative Extension System. ANR-1424.
- *Dyer, J. and **B. Barlow**. 2012. "Harvesting pine straw for profit: questions landowners should ask." Alabama Cooperative Extension System. ANR-1418.
- Barlow, B.** 2011. "Silvopasture: An opportunity for additional income from your forestland." ANR-1399. Alabama Cooperative Extension System.

- *Dyer, J. F. and **B. Barlow**. 2010. "Landowners and forest inventories: Frequently asked questions." ANR-1365. Alabama Cooperative Extension System.
- *Dyer, J. F., **B. Barlow**, and B. Brodbeck. 2010. "Common forestry terms for the forest landowner." ANR-1373. Alabama Cooperative Extension System.
- *Elledge J. and **B. Barlow**. 2010. "Basal area: A measure made for management." ANR-1371. Alabama Cooperative Extension System.

Experiment Station bulletins and technical reports

- *Guthrie, K.D. and **R.J. Barlow**. 2011. Silvopasture and Agroforestry: an annotated bibliography. Forestry and Wildlife Research Departmental Series No. 3. Auburn: Alabama Agricultural Experiment Station. 27 p.
- *Zhou, N., **R. Barlow**, W. Prevatt, and Y. Zhang. 2010. Alabama rural land values and cash rents, 2009. Forestry and Wildlife Research Departmental Series No. 2. Auburn: Alabama Agricultural Experiment Station. 13 p.

eXtension publications/contributions

- B. Barlow**. 2013. Which southern pine produces the best straw? eXtension Forest Farming Community of Practice. November 4, 2013. Available online at <http://www.extension.org/pages/70056/which-southern-pine-produces-the-best-straw#.UthRDbHnbcs>.
- B. Barlow**. 2013. Is my forest well suited for harvesting pine straw? eXtension Forest Farming Community of Practice. November 4, 2013. Available online at <http://www.extension.org/pages/70057/is-my-forest-well-suited-for-harvesting-pine-straw#.UthQcLHnbcs>.
- B. Barlow**. 2013. What is pine straw, and why would I harvest it? eXtension Forest Farming Community of Practice. November 4, 2013. Available online at <http://www.extension.org/pages/70053/what-is-pine-straw-and-why-would-i-harvest-it#.UthQA7Hnbcs>.
- B. Barlow**. 2013. How is pine straw harvested? eXtension Forest Farming Community of Practice. November 4, 2013. Available online at <http://www.extension.org/pages/70055/how-is-pine-straw-harvested#.UthPn7Hnbcs>.
- Dyer, J. and **B. Barlow**. 2013. Harvesting pine straw from a forest. eXtension Forest Farming Community of Practice. November 26, 2013. Available online at <http://www.extension.org/pages/70033/harvesting-pine-straw-from-a-forest#.UthOXbHnbcs>.

Magazine articles

- *Dooley, E. and **R.J. Barlow**. 2013. 2012 Costs and cost trends for forestry practices in the South. *Forest Landowner*. July/August 2013.
- Barlow, R.J.** and M.R. Dubois. 2011. Costs and cost trends for forestry practices in the South. *Forest Landowner*.
- Morse W. and **B. Barlow**. 2011. Oh, the places you'll go....for recreation! *Outdoor Alabama*. October 2011.
- Barlow, B.** and W. Morse. 2011. A few of your favorite things. *Outdoor Alabama*. July 2011.
- Barlow, B.** 2011. Silvopasture – An opportunity for additional income from your forest land. *Small Farms Digest*. Volume 15. Spring 2011.
- Barlow, B.** 2010. Silvopasture – An opportunity for additional income from your forest land. *Alabama's TREASURED Forests*. Fall 2010.
- Barlow, R.J.,** M.F. Smidt, J.Z. Morse, and M.R. Dubois. 2009. Costs and cost trends for forestry practices in the South. *Forest Landowner*. September/October 2009.

Alabama Cooperative Extension Timely Information Sheets

- Barlow R.J.** 2010. Alabama's forestry outlook. *Timely Information Sheet*. Alabama Cooperative Extension System. December 2010.
- Starkey, T., S. Enebak, and **R. Barlow**. 2010. Tree seedling sources in Alabama. *Timely Information Sheet*. Alabama Cooperative Extension System. January 2010.
- Barlow, R.J.** 2009. Costs for common forestry practices in the South. *Timely Information Sheet*. Alabama Cooperative Extension System. October 2009.
- Barlow, R.** 2007. Costs for common forestry practices in the South. *Timely Information Sheet*. Alabama Cooperative Extension System. October 2007.
- Barlow, R.** 2007. Alabama's 2006 harvest of forest products. *Timely Information Sheet*. Alabama Cooperative Extension System. August 2007.
- Barlow, R.** 2007. Late spring freeze impact on acorn production. *Timely Information Sheet*. Alabama Cooperative Extension System. May 2007.

Videos

Barlow, R. AU How To – Pine straw baler. 2013. Online.
<http://www.youtube.com/watch?v=-nFBRAaHrZQ>

Barlow, R., G. Ruark, R. Straight, and B. Wight. 2009. Silvopasture: 30 years of applying research and innovation. 40 min.
<http://www.youtube.com/watch?v=VJsKmBbtw7Q>

Barlow, R.J. and J.S. Kush. 2008. 60 years on the “Farm 40”: longleaf pine management for the private landowner. 15 min.

Alabama Landowner Technical Assistance Team. Online and CD video describing agency (ACES, ADCNR, AFC, and NRCS) services.
<http://youtu.be/6pxW9s5LH-U>

Selected Sponsored Projects

- 2013 J.S. Kush and **R.J. Barlow**. Living Fire: Shaping Alabama’s Human and Natural Environments through time – a Lesson Guidebook for Alabama’s Teachers Grades 3-5. Alabama Forests Forever. \$8,605.
- 2013 Armstrong J., **R.J. Barlow** and J.S. Kush. Woodland Webinars: 6 Forestry & Wildlife Management Topics. Alabama Forests Forever. \$9,066.
- 2013 **Barlow, R.J.** and J.S. Kush. Online sightseeing: Forest management education through a virtual tour of two forests. Alabama Forests Forever. \$9,190.
- 2012 **R.J. Barlow**. Hauss Nursery Longleaf & Loblolly Pine Silvopasture Management. Alabama Forestry Commission. \$16,990.
- 2011 Bailey, C., **B. Barlow**, and Larry Teeter. Millions of Acres, Billions of Trees. USDA Agriculture and Food Research Institute (AFRI) Competitive Grant. \$499,999.
- 2011 **Barlow, R.** and J. Armstrong. Assessment of grassfed beef and silvopasture in Georgia, Mississippi, and Alabama. National Wildlife Federation. \$7,000
- 2011 **Barlow, R.** and J. Kush. Regional longleaf growth study: 45-year re-measurement. USDA Forest Service, Southern Research Station. \$10,000
- 2010 **Brodbeck, B.,** K. Kelly, and B. Barlow. Online urban tree selector. Gulf Coast RC&D Council. \$6,250
- 2010 Morse, W. and **B. Barlow**. North Carolina Forest Service ARRA investments: A socioeconomic investment. North Carolina Forest Service. \$50,000
- 2010 **Barlow, R.J.** Agroforestry outreach on Redstone Arsenal. Redstone Arsenal, Huntsville. Alabama. \$2,000

- 2010 **Barlow, R.J.** From eyesore to outreach: Service learning to link students, communities, and the land. Alabama Forests Forever. \$7,195
- 2009 **Barlow, R.J.** and J.S. Kush. Escambia Experimental Forest forestry field day video production. USDA Forest Service, Southern Research Station. \$5,000
- 2009 Morse, J. and **R.J. Barlow.** Postage Grant. Bradley/Murphy Forestry and Natural Resources Extension Trust. \$210
- 2009 **Barlow, R.** and J. Kush. Regional longleaf growth study: 45-year re-measurement (year 2). USDA Forest Service, Southern Research Station. \$35,000
- 2008 **Barlow, R.J.** Silvopasture multimedia project. US Department of Agriculture. \$20,000
- 2008 **Barlow, R.** and J. Kush. Regional longleaf growth study: 45-year re-measurement (year 1). USDA Forest Service, Southern Research Station. \$35,000
- 2007 **Barlow, B.** Outreach and education for limited resource landowners in west Alabama. Alabama Forests Forever. \$10,000
- 2007 Smidt, M. and **B. Barlow.** Woody biomass training and education in Alabama. Southern Forest Research Partnership. \$16,992
- 2007 Smidt, M., **B. Barlow,** T. Gallagher, R. Tufts, and Y. Zhang. Work Area I: Wood production systems and costs in the US south. National Council for Air and Stream Improvement. \$20,000
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SERVICE

University Service

University committees

<u>Year</u>	<u>Committee</u>
2010 - current	Jule Collins Smith Museum of Fine Art Faculty Advisory Committee
2010 - current	University Writing Committee

School of Forestry and Wildlife Sciences committees

<u>Year</u>	<u>Committee</u>
2013 – current	SFWS lands committee (Co-chair)
2011 – current	Photo Committee
2011 – current	IT Committee
2011 - current	Scholarship Committee
2011 - current	Mary-Olive Thomas Committee (Chair)
2007 - current	Solon Dixon Forestry Education Center Committee

Professional service

Professional organizations - Offices held

<u>Year</u>	<u>Association</u>
2011-2012	Auburn Chapter, Gamma Sigma Delta. President
2010	Auburn Chapter, Gamma Sigma Delta. Vice President

Professional organizations

<u>Year</u>	<u>Association</u>
2008 – present	Ecological Society of America
2008 - present	Association of Natural Resource Extension Professionals
2005 – present	Gamma Sigma Delta
1994 – present	Mississippi Registered Forester
2009	Alabama Medicinal Plant Growers Association
