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a. Professional Preparation

University of Georgia	Forestry	B.S.	1985
University of Georgia	Forestry	M.S.	1987
Virginia Polytechnic & State University	Forestry	Ph.D.	1992

b. Appointments

Alumni Professor	2014-2019	Auburn University
Dwain G. Luce Endowed Professor of Forestry	2012-present	Auburn University
Director, Center for Longleaf Pine Ecosystems	2008-present	Auburn University
Professor	2003-present	Auburn University
Associate Professor	1998 - 2003	Auburn University
Assistant Professor	1994 - 1998	Auburn University
Environmental Scientist & Project Leader	1993 - 1994	Tennessee Valley Authority

c. Publications (Out of 56, Total citation 2028; h-index 25; i10-index 39; Google Scholar by Feb. 2015)

(i) *Five Most Closely Relevant Publications*

Gonzalez-Benecke, C.A., **L.J. Samuelson**, T.A. Martin, W.P. Cropper, K.H. Johnsen, T.A. Stokes, J.R. Butnor, P. Anderson, and J. Jackson. 2015. Modeling the effects of forest management on *in situ* and *ex situ* longleaf pine forest carbon stocks. *Forest Ecology and Management*, In Press.

Samuelson, L.J., T.A. Stokes, J. R. Butnor, K.H. Johnsen, C.A. Gonzalez-Benecke, P. Anderson, J. Jackson, L. Ferrari, T. A. Martin, and W. P. Cropper, Jr. 2014. Ecosystem carbon stocks in *Pinus palustris* Mill. forests. *Canadian Journal of Forest Research* 44: 476-486.

Samuelson, L.J., T.L. Eberhardt, S.M. Bartkowiak, and K.H. Johnsen. 2013. Relationships between climate, radial growth and wood properties of mature loblolly pine in Hawaii and a northern and southern site in the southeastern United States. *Forest Ecology and Management* 310: 786-795.

Samuelson, L.J., T.A. Stokes, and K.H. Johnsen. 2012. Ecophysiological comparison of 50-year-old longleaf pine, slash pine and loblolly pine. *Forest Ecology and Management* 274: 108-115.

Samuelson, L.J., and W.B. Whitaker. 2012. Relationships between soil CO₂ efflux and forest structure in 50-year-old longleaf pine. *Forest Science* Special Issue: Southern Forest Science in Support of a Low Carbon Economy 58: 472-484.

(ii) *Five Other Significant Publications*

Samuelson, L.J., J. Butnor, C. Maier, T.A. Stokes, K. Johnsen, and M. Kane. 2008. Growth and physiology of loblolly pine in response to long-term resource management: defining growth potential in the southern United States. *Canadian Journal of Forest Research* 38: 721-732.

Samuelson, L.J., and J.M. Kelly. 2001. Tansley Review No. 21: Scaling ozone effects from seedlings to forest trees. *New Phytologist* 149:21-41.

Samuelson, L.J. 2001. Relating ozone exchange in forest trees to risk assessment. *Human & Ecological Risk Assessment* 7:1161-1167.

Johnsen, K., **L. Samuelson**, R. Teskey, S. McNulty, and T. Fox. 2001. Process models as tools in forestry research and management. *Forest Science* 47:2-8.

Chappelka, A.H., and **L.J. Samuelson**. 1998. Ambient ozone effects on forest trees of the eastern United States: a review. *New Phytologist* 139:91-108.

d. Synergistic Activities

- Founding Director, Center for Longleaf Pine Ecosystems, Auburn University, 2008
- Editorial Boards: *Tree Physiology*, *Forests*, *Forest Science*, *New Phytologist*
- Coordinated \$2.43 million project “Developing tools for ecological forestry and carbon management of longleaf pine”. Samuelson (lead PI in collaboration with the University of Florida and the U.S. Forest Service), *U.S. Department of Defense/ Environmental Protection Agency/ Department of Energy Strategic Environmental Research and Development Program (SERDP)*. \$1,772,991 million to AU
- Co-creator: Longleaf pine carbon model, available on-line at (http://carboncenter.ifas.ufl.edu/model_longleaf_planted.shtml)
- Since 1994, total extramural funding: \$3,462,260
- Appointment to the Executive Committee of the USDA National Institute of Food and Agriculture (NIFA)-Agriculture and Food Research Initiative (AFRI) Climate Change Conifer Coordinated Agricultural Project (2011-2016)
- Author of 2 textbooks, Co-author 2 textbooks

e. Collaborators & Other Affiliations

(i) *Collaborators and Co-Editors*

Tim Martin (University of Florida), Wendell Cropper (University of Florida), Carlos Gonzalez-Benecke (Oregon State University), Kurt Johnsen (USDA Forest Service), John Butnor (USDA Forest Service), Bob Teskey (University of Georgia), Rod Will (Oklahoma State University), Duncan Wilson (Oklahoma State University)

(ii) *Graduate advisor and postgraduate advisor*

M.S. Dr. Robert Teskey (University of Georgia)

Ph.D. Dr. John Seiler (Virginia Tech)

(iii) *Thesis Advisor*

Graduate Students (13 total): A. Archmiller, M. Elmore