

LORI UNRUH SNYDER

Office Address and Contact Information

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Education

Ph.D. (Crop Science) – North Carolina State University, 2003
M.S. (Crop Science) - Cornell University, 1998
B.S. (Entomology) - Cornell University, 1996

Professional Experience

Assistant Professor of Agronomy, Purdue University, 2007-present
Lecturer, University of Florida, 2004-2007
Lecturer, North Carolina State University, 2000-2004

Purdue Responsibilities -Teaching, and Research

Teaching:

- Crop Production, AGRY 105

Research:

- Applied research with forage and grassland ecology with ruminant animals including goat silvo-pastoral systems and agricultural systems that integrate crops and livestock in a sustainable economic manner
- The effects of supplementation on forage utilization and animal performance on ruminant animals
- Assessment of forages for alternative land use for, and impact of, biofuel supply (biomass) to be used as a sustainable system for conservation
- Sustainable/Organic Cropping Systems in the Sub/ Humid-Tropics

Awards and Honors:

Gold Image Award , University of Florida	2006
University Graduate Student Teaching Assistant Award, NC State	1999 to 2004
North American Colleges & Teachers of Agriculture Graduate Teaching Award, USA	2003
Outstanding College Graduate Teaching Assistant Award, NC State	2002
Preparing the Professoriate Fellowship	1999 to 2000
Alcoa Teaching Fellowship	1999
Teaching Effectiveness Workshop Fellowship	1999
Publication Awards of Excellence for a Teaching Publication, ASA	1998
3 rd Place, Graduate Student Oral Presentation, ASA	1998

Courses Taught @ Purdue University

<i>Year</i>	<i>No.#</i>	<i>Title</i>	<i>Semester</i>	<i>Credit</i>	<i>Students</i>
2007	AGRY 105	Crop Production	Fall/Spring	3	53

Memberships in Professional Societies

American Society of Agronomy
Crop Science Society of America
National Association of Colleges and Teachers of Agriculture

PEER REVIEWED PUBLICATIONS

- 1) **Unruh Snyder, L.J.**, J.P. Mueller, J.M. Luginbuhl and C. Brownie. 2007. Growth characteristics and allometry of *Robinia pseudoacacia* as a silvopastoral system component. *Agroforestry Systems* Volume 70 (1), pp. 41-51.

- 2) **Unruh-Snyder, L.J.**, J.M. Luginbuhl, J.P. Mueller, A. Conrad, and K.E. Turner. 2007. Intake, Digestibility, and Nitrogen Utilization of *Robinia pseudoacacia* Foliage Fed to Growing Goat Wethers. *Small Ruminant Research*. 71:179-193.
- 3) Bonczek, J. L., **L.J. Unruh Snyder**, L.R. Ellis. 2007. An Academic Club Service Learning Project as a Demonstration of Experiential Teaching Tools. *Journal of Natural Resources and Environmental Education* Vol. 36 pp.107-111.
- 4) **Unruh Snyder, L.J.**, J.P. Mueller*, J-M. Luginbuhl , and C. Brownie. C. 2005. The Influence of spacing and coppice height on herbage mass and other growth characteristics of Black locust in a southeastern USA silvopastoral system. In: M. R. Mosquera-Losada, A. Riguerio, and J. McAdam (Ed.) *Silvopastoralism and Sustainable Land Management*. CABI Publishing Wallingford, UK. Pp 480. ISBN 0 85199 006 1.
- 5) **Unruh Snyder, L. J.**, J.P. Mueller., J.M Luginbuhl, K. E, Turner, and C. Brownie. 2005. The influence of growing degree days on *Robinia pseudoacacia* browse quality and productivity in the Southeastern USA. In F. P. O'Mara et al. (ed.) 869. *Proc. XX Int. Grassland Congress*. Dublin, Ireland 26 June-2 July 2005. Wageningen, Academic Publishers, The Netherlands.
- 6) **Unruh, L. J.** and G.W. Fick. 2002. Correcting Measurements of Pasture Forage Mass by Vacuuming the Stubble. *Agronomy Journal* 94:860-863.
- 7) **Unruh, L.J.**, J.M. Luginbuhl, and J. P. Mueller. 2001. Intake and digestibility of black locust foliage fed to growing goat wethers. In: J.A. Gomide, W.R.S. Mattos, and S.C. da Silva (Eds.) *Grassland Ecosystems: an Outlook into the 21st Century*.pp. 413-414. *Proc. XIX Int. Grassland Congress*. 10-21 February 2001. Sao Pedro, Sao Paulo, Brazil.
- 8) Luginbuhl, J-M., **L. J. Unruh**, and J.P. Mueller. 2001. The potential of black locust foliage as forage for meat goat or sheep. *Southern Section American Society of Animal Science Annual Meeting*. p.31. (Jan. 27-31, 2001) Forth Worth, TX.

PUBLISHED EXTENSION & TEACHING ARTICLES

- 1) **Unruh, L. J.** and G.W. Fick. 1999. A Commercial Rising Plate Meter for Estimating Pasture Yield. P.2-3. *In* What's cropping up. Vol. 9, No. 4.: p.8. Cornell University, Ithaca, NY.
- 2) **Unruh, L. J.** and G.W. Fick. 1997. Concepts of sustainability and the pasture ecosystems SCAS Teaching Series No. T97-1. Dep. of Soil, Crop and Atmos. Sci., pp. 1-11. Cornell Univ. Ithaca, NY.

EDITOR OF TEACHING MANUAL

- 1) T.R. Wentworth and Others. 2002-2004. *Laboratory Manual, Introduction to Ecology*. Edited by **L. Unruh Snyder** and S. B. Jefferies. North Carolina State University: Raleigh, NC. 141 pp.

PUBLISHED ABSTRACTS

- 1) Rahn,S., D. Lowenstein, L.J. **Unruh Snyder**. 2006. Sustainable Agriculture: Let's Spread the Word. *In* Annual Meetings Abstracts [CD-ROM]. ASA, CSSA, and SSSA, Madison, WI.
- 2) **Unruh-Snyder, L.J.**, E. J. Erickson, H.D. Cumming, and O. Abaye. 2004 A Supplemental Teaching Game to Review Course Material; "Jeopardy Style". *In* Annual Meetings Abstracts [CD-ROM]. ASA, CSSA, and SSSA, Madison, WI.
- 3) **Unruh-Snyder, L.J.**, J. P. Mueller, and J. M. Luginbuhl. 2004. Estimates of Quality and Herbage Mass of *Paulownia* in the Southeast. *In* Annual Meetings Abstracts [CD-ROM]. ASA, CSSA, and SSSA, Madison, WI.

SPEECHES OR POSTERS PRESENTED AT PROFESSIONAL CONFERENCES and INVITED TALKS Poster

Presenter**

- 1) **Unruh-Snyder****, L.J., and S. B. Clark. 2005. From Myakka Fine Sand to Greenwich Loam: Students Unearth the Importance of Agronomy in Their Lives". *In* Annual Meetings Abstracts [CD-ROM]. ASA, CSSA, and SSSA, Madison, WI.
- 2) **Unruh-Snyder****, L.J., J. Green, and D.C. Farrer. 2004. Interactive Forage and Grassland Laboratory Exercises. *In* Annual Meetings Abstracts [CD-ROM]. ASA, CSSA, and SSSA, Madison, **Wiscon**
- 3) **Unruh-Snyder****, L.J., J.P. Mueller, J. M. Luginbuhl, K.E. Turner, W.B. Fouts, C. Brownie. 2003. Estimates of Herbage Production and Quality of Black Locust in Southeastern USA. *In* Annual Meetings Abstracts [CD-ROM]. ASA, CSSA, and SSSA, Madison, WI.
- 4) **Unruh, L. J.**, and G.W. Fick**. 1999. Equations for a commercial rising plate meter to predict yields of orchardgrass and white clover pastures. p. 83. *In* Abstracts, Vol. 52, Society for Range Manag. and Vol. 8, American Forage and Grassland Council, Omaha, NE. 21-26 Feb. 1999. Soc. Rang. Mange. Omaha, NE.

- 5) **Unruh, L. J.****, and G. W. Fick. 1998. Correcting estimates of pasture yield by vacuuming the stubble. p. 312. *In* Invited papers and abstracts of contributed papers, 1998 National Agronomy Meet., ASA, Baltimore, MD, 18-22 Oct. 1998. ASA, Madison, WI.

Speech Presenter**

- 1) **Unruh-Snyder****, L.J. 2006. The Benefits of Developing Simulations for Plant Science. 2006. Center for Academic Technology, University of Florida.
- 2) **Unruh-Snyder****, L.J. 2006. Building Local Bridges Between Teachers and Students from EARTH University to University of Florida. 2006. EARTH University, Costa Rica –Talk Presented in Spanish.
- 3) **Unruh-Snyder****, L.J. 2006. Biological Nitrogen Fixation Teaching Module. 2006. North Carolina State University, Botany Department.
- 4) **Unruh Snyder****, L.J. 2005. Advisor's Best Management Practices and Legal Liability Issues. The College of Agricultural and Life Sciences Teaching Symposium. Gainesville, Florida August 16, 2005.
- 5) **Unruh-Snyder**, L.J., J.P. Mueller**, J.M. Luginsbuhl, and C. Brownie. 2004. The Influence of Spacing and Coppice Height on Herbage Mass and Other Growth Characteristics of Black Locust in a Southeastern USA Silvopastoral System. *In* M. R. Mosquera-Losada, J. McAdam, and A. Rigueiro-Rodriguez (Eds) Silvopastoralism and Sustainable Management International Congress. p 109. April 18-24. Lugo. Spain
- 6) **Unruh-Snyder****, L. J., J. M. Luginbuhl, J.P. Mueller, A. Conrad, and K. Turner. 2003. Intake, Digestibility, and Nitrogen Utilization of Black Locust Foliage Fed to Growing Goat Wethers. *In* First Annual Crissey Zoological Nutrition Symposium, Raleigh NC. 12-13 Dec. 2003. NC State University, College of Veterinary Medicine, Raleigh, NC.
- 7) **Unruh****, L. J. and G. W. Fick. 1998. Calibration of a rising plate meter for New York state. p.4 *In* Invited papers and abstracts of contributed papers, 1998 Northeastern Branch Meet. ASA, and SSSA. Amherst, MA. 1-3 Jul. 1998. ASA, Madison, WI.

MISCELLANEOUS

Newspaper Articles showing Impact on the Agricultural Community

Unruh-Snyder, L. J. 2007. "Learning the Lay of the Land." July 12, 2007: Delaware News Journal

Unruh-Snyder, L. J. 2006. "Ag Students Get Their Hands Dirty in Del." June 27, 2006: Delaware News Journal

Unruh-Snyder, L. J. 2006. "Fla. Ag Teacher brings Lessons Home to Roost." July 12-25, 2006: Midstate Living.

Unruh-Snyder, L. J. 2005. "Florida Ag Students Visit Middletown Delaware to View Farms." Vol. 137. No 29 <http://www.middletowntranscript.com/TransArchives/06-23-05/index.html>

Unruh-Snyder, L. J. 2005. "See it, smell it and touch it' Florida students learn about farming in Cecil County Maryland." 164 year/ 220 issue <http://cecilwhig.com/articles/2005/06/24/news/03.txt>

Unruh-Snyder, L. J. 2005. "Agronomy students at work in the fields of UF." The Gainesville Sun. Vol. 129. No. 326 <http://search.gainesville.com/apps/pbcs.dll/article?AID=/20050527/LOCAL/205270327&SearchID=732346550>

Other Handouts and Website Development

Unruh-Snyder, L. J. 2005. "Agronomy Recruitment Handout." Agronomy Department. 2 pp.

Unruh- Snyder, L. J. 2005 Website Development for Integrated Travel Course: <http://cals.ufl.edu/agr4922/>

Unruh- Snyder, L. J. 2006. Website Development for Tropical Crop Production <http://agr honduras.ifas.ufl.edu/>

Unruh- Snyder, L. J. 2006. Website Development for Environment, Food and Society <http://www.classcd.net/agr3001/>

Unruh-Snyder, L.J. 2007. *CSA News* 3 5 August V52 N08 "Mentoring Goes a Long Way"