

Name Lirio Milenka Arévalo

Title Ph.D. Graduate Assistant



Education

- 2005-present Ph.D. Cell and Molecular Biology
University of Arkansas
- 2005 M.S. Crop, Soil, and Environmental Sciences
University of Arkansas
- 2001 B.S. Agronomy
University Autónoma Gabriel René Moreno, Santa Cruz,
Bolivia

Major Advisor Dr. Fiona Goggin

Anticipated Graduation Date May 2008

Dissertation Title

The role of *spr2*, a fatty acid desaturase in tomato, in regulating plant defenses against herbivores.

Awards

- 2003 Second place for poster presentation at the Beltwide Cotton Physiology Conference, Nashville, TN. January 6-10.
- 2004 Travel Grant for poster presentation at the International Annual Meetings of the ASA, CSSA, and SSSA, Seattle, WA. October 31-November 4

Presentations

- 2005 Physiological response of cotton to high night temperatures. Beltwide Cotton Conferences, New Orleans, LA. January 4-7 (oral).
- 2004 Effect of night temperatures on cotton growth, boll development and yield, International Annual Meetings of the ASA, CSSA, and SSSA, Seattle, WA. October 31-November 4 (poster).
Effect of Night Temperatures on Plant Growth, Boll Development and Yield. Beltwide Cotton Conferences, San Antonio, TX. January 5-9 (oral).
- 2003 Effect of night temperatures on boll growth and yield. Gamma Sigma Delta student competition. Fayetteville, Arkansas. February (poster).
Effect of night temperatures on boll growth and yield. Beltwide Cotton Conferences, Nashville, TN. January 6-10 (poster).

Selected Non-refereed Publications and Abstracts

- Arévalo, L.M., Oosterhuis, D.M., Coker, D.L., and Brown, R.S. 2005. Physiological response of cotton to high night temperatures. Proc. Beltwide Cotton Conf., New Orleans, LA. Natl. Cotton Council, Memphis, TN.
- Arévalo, L.M., Oosterhuis, D.M., Coker, D.L., and Brown, R.S. 2004. Effect of night temperatures on cotton growth, boll development and yield. Abstracts CD-ROOM International Annual Meetings of the ASA, CSSA, and SSSA, Seattle, WA. October 31-November 4.
- Arévalo, M., Oosterhuis, D.M., Coker, D.L. and Brown, R.S. Effect of night temperatures on boll growth and yield. Summar. Cotton Res. 2003. Arkansas Agric. Exp. Stn. Special Report 521: 128-134.
- Coker, D.L., Oosterhuis, D.M., Arévalo, M., and Mozaffari, M. 2003. Critical petiole potassium levels as related to physiological responses of chamber-grown cotton to potassium deficiency. Summar. Cotton Res. 2003. Arkansas Agric. Exp. Stn. Special Report 521: 81-86.
- Brown, R.S., Oosterhuis, D.M., Arévalo, M., and Bibi, A.C. 2003. Yield and physiological response of modern versus obsolete cultivars grown under water-deficit conditions. Summar. Cotton Res. 2003. Arkansas Agric. Exp. Stn. Special Report 521: 120-127.