

Marietta M. Loehrlein - Professor of Horticulture and Landscaping

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TEACHING EXPERIENCE

Institution: Western Illinois University

Rank/Dates: Professor (2006-present)

Associate Professor (2001-2006)

Assistant Professor (1997-2001)

EDUCATION

Highest degree earned: Doctor of Philosophy in Horticultural Genetics. August 1997. The Pennsylvania State University.

Dissertation title: Floral ontogeny of *Pelargonium x domesticum* and Response of Floral Initiation to Irradiance. Advisor: Dr. Richard Craig.

Other degree earned: Master of Genetics. December 1988. University of Arizona.

Thesis title: Priming techniques and size characteristics of triploid and tetraploid watermelon seed. Advisor: Dr. Dennis T. Ray.

Other degree earned: Bachelor of Science. May 1986. University of Arizona

Major field: Agronomy

AWARDS

*Provost's Award for Faculty Excellence, College of Business and Technology. Spring, 2005.

*Provost's Award for Faculty Excellence, College of Business and Technology. Spring, 2011.

*School of Agriculture Outstanding Teacher. 2011-2012.

STUDENT CLUB ADVISING: Horticulture Club advisor 1997-present

Organized Contests

Horticulture CDE for the FFA. 2001-present

NACTA Horticulture contest. Spring 2006.

INTELLECTUAL CONTRIBUTIONS

Books

Home Horticulture: Principles and Practices. Delmar Learning (Cengage). 2007.

Sustainable Landscaping: Principles and Practices. CRP Press (Taylor & Francis Group). 2013.

Peer Reviewed Journal

The effect of daily light integral on floral initiation of *Pelargonium x domesticum* L.H. Bailey. Marietta M. Loehrlein and Richard Craig. HortSci. 39(3) June 2004.

History and Culture of Regal Pelargonium *Pelargonium x domesticum*. HortTechnology. 11(3):11-18. Apr-Jun. 2001.

Floral Ontogeny of *Pelargonium x domesticum*. Journal of the American Society for Horticultural Science. 125(1):36-40. Jan. 2000.

Non-Peer-reviewed Article

Horticulture. Encyclopedia of Earth. 2009.

Sustainable Landscaping. 2009. Wikipedia.
http://en.wikipedia.org/wiki/Sustainable_landscaping. Viewed Sep. 2012.

Numerous articles for western Illinois local and regional publications. One to two per month since October 2009.

Intellectual Property

Patent on flower invention named 'Camelot' Regal pelargonium, patent number 20020112271. 2002.

Graduate Student M.S. Thesis

Sandy Siqueira. Sexual Reproduction of Pink Tickseed, *Coreopsis rosea*, Nutt. 2002.

Web Site

Sustainable Landscaping. <http://thesustainablelandscape.com>. Viewed Sept. 2012.

Proceedings/Presentations (last 5 years)

Green Roofs From Locally-Available Materials. American Society for Horticultural Science, July, 2013.

Landscape Management Cost Comparison Before and After Implementation of Sustainable Landscape Practices. American Society for Horticultural Science, August 2, 2012.

Sustainable Landscaping Issues and Trends As Discussed In the Academic Literature. American Society for Horticultural Science, August 2, 2012.

Plants of the Popol Wuh. American Society for Horticultural Science, July 31, 2012.

Can mycorrhizae products aid in uptake of phosphorus in bedding plant production? American Society for Horticultural Science, October 2011.

The effect of mycorrhizae products on the nutritional status of marigold, *Tagetes patula*. American Society for Horticultural Science, Aug 5, 2010

The effect of mycorrhizae products on the fertility, germination, and flowering of annual bedding plants. International Horticultural Congress, August 12, 2010

Micropropagation of Wintergreen, *Gaultheria procumbens*. Loehrlein, M. Illinois Council for Food and Agriculture Research Annual Meeting. November, 2008 .

Session organizer and monitor (last 5 years)

Annual Conference, American Society for Horticultural Science. Workshop: Teaching sustainable landscaping in the college curriculum. 2010. Organizer and presenter.

Grants (last 5 years)

C-FAR (Council for food and Agricultural Research): Micropropagation techniques for Wintergreen, *Gaultheria procumbens*. Fall 2007. \$8,795.00.