

## **CURRICULUM VITAE: ASHLEY ELLE**

### **EDUCATION**

Ph.D. Texas Tech University. May 2004- May 2007 Major: Agronomy

Dissertation Title- “Competency-based Curriculum for the U.S. Horticulture Undergraduate Major: A National Delphi-Study”

M.S. Texas Tech University. January 2002- May 2004. Major: Horticulture

Thesis Title- “Evaluation of the Effects of Two Deficit Irrigation Strategies on Grapevine Cold Acclimation, Hardiness, Growth, Yield and Fruit Quality”

B.S. Texas Tech University. August 1996- May 2000 Major: Horticulture

### **TEACHING EXPERIENCE**

Present Texas Tech University Lubbock, TX

#### **Horticulture Instructor- 75%, 9 month appointment**

- Develop and Instruct Principles of Horticulture Distance and Live Lecture
- Develop and Instruct Sustainable Vegetable Crop Production Lecture and Lab
- Developed funded research in Organic Cotton for Texas Organic Cotton Marketing Coop and members.

2012-2014 Texas Tech University Lubbock, TX

#### **Horticulture Instructor- Full Time**

Instructed in Principles of Horticulture Lecture and Lab

- Organized and oversee teaching assistants in Principles of Horticulture labs
- Developed and Instruct Sustainable Vegetable Crops Course and Hands on lab at TTU Quaker Farm.

2010-2012 South Plains Food Bank Lubbock, TX

#### **Horticulturist**

Developed and taught curriculum for developing a “Master Grub Program” with at risk students

- Curriculum covered introductory horticulture, entomology and soils.

2007-2010 University of California Cooperative Extension Stockton, CA

#### **Environmental Horticulturist**

Developed and taught curriculum with certification process for landscape industry in sustainable methods.

2004 - 2007 Texas Tech University Lubbock, TX

### **Graduate Teaching Assistant**

Taught Principles of Horticulture Lecture for 2 semesters and Labs

- Researched quality assessment of undergraduate education
- Developed Assessment Program for Plant & Soil Science, Texas Tech University
- Distance Learning Facilitator for Herbaceous Identification.

1998 - 2000 Texas Tech University Lubbock, TX

### **Teaching Assistant**

Taught 10 lab sections

- Developed extensive knowledge on basic horticulture principles
- Implemented horticulture experiments
- Reviewed and edited lab reports according to MLA citation guidelines.

## **PROFESSIONAL EXPERIENCE**

**1. Jan 2020 to Present    Elle Farms, Nursery for Food production    Southland, TX**

### **Horticulture Business Owner**

- Obtained a grant to help with matching funds to start the tissue culture lab.
- Developing the building of a tissue culture lab and research/production vineyard and apple orchard.
- Developing a website to help promote a new nursery business.
- Rural development- working on utilizing this location for future rural development grants to promote the local rural community.

**2. March 2010 to August 2012      South Plains Food Bank      Lubbock, TX**

**Consulting Horticulturist**

George Elle Apple Orchard and Food Bank Farm

- Assisted in preparing the yearly Budget for Farm and Orchard
- Wrote monthly reports on farm and orchard management
- Designed yearly crop production and cover crop layouts, Varieties and crop rotations · Integrated sustainable pest management and use of least toxic pesticides
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**3. June 2007 to Feb. 2010    University. of California Cooperative Extension    Stockton, CA**

**Environmental Horticulturist**

- Held multiple all day workshops for horticulture industry for obtaining certifications
- Advised local clientele on education and diagnosis of plant problems
- Presented throughout the state for turfgrass, extension and horticulture program
- Performed research with Parks and Recreation, Tracy, CA and with S. County Waste facility.

**4. Jan. 2002 to May. 2004      Texas Tech University      Lubbock, TX**

**Grape Research Assistant**

- Managed irrigation of Cabernet vineyard in experimental trials
- Performed presentations for grape farmers and Winemakers over Conservation of Water, and results of research
- Collected physiology data, stripped and pressed grapes and performed basic juice analysis
- Analyzed xylem sap for abscisic acid using ELISA technique

**5. June 2000 to Dec. 2001    E & J Gallo Winery, Life Sciences      Modesto, CA**

## **Horticulturist**

- Managed Research Greenhouse
- Micropropagated grapes in tissue culture to maintain grape germplasm
- Assisted with other genetic/flavor integrity grape research projects with Gallo Research Vineyards
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**6. Jan. to May 2000**

**City of Lubbock, Water Utilities**

**Lubbock, TX**

## **Horticulture Education Intern**

- Horticulture liaison for Water Utilities Education Program
- Responsible for putting together water-wise garden displays for the public
- Assisted Youth Education Coordinator with visiting local elementary schools

**7. June to August 1999**

**U.S. National Arboretum**

**Washington, D.C.**

## **Dogwood Collection Intern**

- Supervised irrigation cycling in the collection
- Responsible for maintaining the health of high value Dogwood trees
- Implemented a three month project dealing with invasive nonnative plants in the perimeter of the Dogwood collection

**8. September 1996 to May 1999**

**Texas Tech University**

**Lubbock, TX**

## **Research Assistant**

- Tested rooting percentages of native grapes in tissue culture
- Propagated future grape material for TTU vineyard
- Performed experiments with buffalo grass seed

## **PEER REVIEWED PUBLICATIONS**

Basinger, Ashley, McKenney Cynthia and Dick Auld. June 2009. Competencies for a United States Horticulture Undergraduate major: A National Delphi Study. Horticulture Technology 19:452-458.

Basinger, Ashley R. and Edward W. Hellman. 2006. Evaluation of regulated deficit irrigation on grape in Texas and implications for acclimation and cold hardiness. International Journal of Fruit Science. 6(2): 3-22.

Basinger, Ashley and Richard Durham. 2000. In vitro rooting on *Vitis* species native to Texas and New Mexico. Small Fruits Review. 1(2): 29-34.

## **RESEARCH GRANTS AWARDED:**

Glyphosate drift levels on organic cotton in West Texas, Funded by Jeff Payne, Carl Pepper, Aaron Vogler and Texas Organic Cotton Marketing Coop, Total \$53,462

OLE, Lubbock outdoor learning environments to combat childhood obesity through healthy, active lifestyles, USDA-NIFA Cooperative State Research Ed & Extension Serves, Total \$14, 998. Collaboration with Dr. Kline, TTU Landscape Architecture.

## **PROFESSIONAL GRANT AWARDED:**

Plant Propagation Lab for production of Woody and Herbaceous plant material for Food. Young Farmers Grant, Texas Department of Agriculture, Jan 2020. \$20,000

## **NEWSLETTERS**

Basinger, A. 2008. Delta responsible landscape training. Field Notes. County publication (4) 4, 1.

Basinger, A. 2008. Drought tolerant plants for your landscape. Field Notes. County publication (5) 1, 11-12.

Basinger, A. Spring 2009. Blooming News. Environmental Horticulture Newsletter. County publication (2) 1.

Basinger, A. Summer 2009. Blooming News. Environmental Horticulture Newsletter. County publication (2) 1.

Basinger, A. 2008. Key points for growing a healthy lawn. Field Notes. County publication (5) 3, 7.

Basinger, A. 2009. UC-Turf meeting discusses future potential for turfgrass research. Sports Turf Manager Association Newsletter.

## **PRESENTATIONS**

Sustainable Vegetable Production in West Texas, Lubbock Arboretum Society, Lubbock, TX April 2013.

Sustainable Landscapes for California. Irrigation Conference. San Berdananio County. February 2010.

How to utilize IPM in the landscape, and plant species adapted to the Central Valley of California. Stockton Pesticide Applicators Professional Association. September 2009.

Water Management- "Developing a water budget for your landscape" San Joaquin County Landscapers and Park and Recreation. March 2009.

Organic Herbicides for the Urban Landscapes. Central Valley California Association of Pesticide Control Advisors. October 2008.

Weed Control in the Landscape. Lodi Parks and Recreation. October 2008 Weed Management in the Landscape. Pesticide Applicator's Professional

Association Seminar. Tracy, CA. May 2008.

Storm Water Friendly Landscaping. City of Lodi Storm Water Pollution Prevention Workshop. April 2008

## **WORKSHOPS ORGANIZED**

California Weed Science Society Conference, 61st Annual Turfgrass and Landscape Session

Description:

Co-chair obtaining speakers and moderating the session. Topics included :

Common Weeds Commonly Confused, Poa Biology and Control in Turf, What weed control professionals need to know about Monsanto's new RoundUp PRO MAX formulation, and What's new in Turf Weed Control.

## Delta Responsible Landscape Training and Qualification

### Description:

Course to qualify landscape professionals in creating environmental friendly landscapes for San Joaquin county, CA. Course and Qualification involved 3 day educational course, exam and environmental landscape project.

### Landscape Professionals Workshop Series:

### Description:

Included Full Day Workshops that were covered over a 12 month period, with a series of them in fall and then another series in the spring. 1. Sustainable Landscapes Introduction 2. Irrigation Workshop, 3. Turfgrass 4. Integrated pest Management, 5. Tree Health Workshop.

## **AWARDS AND SCHOLARSHIPS**

Mortar Board and Omicron Delta Kappa Faculty Recognition Award (2017)

ASHS award winner in Education Publication Category, along with Dr. Cynthia McKenney and Dr. Dick Auld (2010)

Belsterling Foundation Scholarship, (2005-2007)

Sandy Land Water Conservation District Scholarship, Graduate Scholarship (2004)

Wine Society of Texas Scholarship, (2004)

Simpson Scholarship, Plant and Soil Science Department, TTU, (2004)

American Society of Enology and Viticulture Scholarship, (2003)

Outstanding Master's Student of Plant & Soil Science Department (2001-2002) and (2002-2003)

1<sup>st</sup> place in Fruits and Nuts in Southern Region Meeting of the American Society of Horticulture Science with Texas Tech Horticulture Judging Team (2000)

3<sup>rd</sup> Place in J.B. Edmond Undergraduate Student Paper Competition at the Southern Region Meeting of the American Society of Horticulture Science (1998)

## **MEMBERSHIPS**

AmericanHort 2017-Present

Texas Organic Farmers and Gardeners Association, 2017

American Society of Horticulture Science, Member 2007-2009, 2017

American Society of Enology and Viticulture, 2002-2003

Plant Soil Science Graduate Student Association, Treasurer, 2001-2002, President 2003-2005

Pi Alpha Xi, Honorary Fraternity for Horticulture and Floriculture, Vice President of Texas Tech Chapter, 1998-1999 and 2004-2005

Texas Tech University Horticulture Society President, 1997-1998

Gamma Sigma Delta Honors Society 2004