

ELISA LAURITZEN

The Pennsylvania State University, Buckhout Laboratory | 385-234-0579 | jel412@psu.edu
researchgate.net/profile/Elisa_Lauritzen

EDUCATION

The Pennsylvania State University – University Park, PA

Ph.D. Plant Pathology **2018**

Utah State University – Logan, UT

M.S. Biology – Plant Pathology **2018**

Thesis: “Characterization of Black Walnut Genotypes for Resistance to Thousand Cankers Disease, Frost Hardiness and Other Desirable Horticulture Traits”

Utah State University – Logan, UT

B.S. Horticulture **2013**

Cum Laude

Utah State University – Logan, UT

A.A.S. Ornamental Horticulture **2013**

Honors

AWARDS

Harold “Sande” McNabb, Jr. and Forest Pathology Joint Student Travel Award – American Phytopathological Society **2017**

Datus M. Hammond Graduate Scholarship **2017**

John E. & Ruth M. Osguthorpe Scholarship **2013-2014**

RELATED WORK EXPERIENCE

The Pennsylvania State University – University Park, PA

Graduate Research Assistant **2018 – Current**

Utah State University – Logan, UT

Graduate Research Assistant **2018**

Processed herbarium samples which included mounting, entering samples into the Intermountain Biota database, and digital imaging.

Utah State University – Logan, UT

Graduate Teaching Assistant **2017 – 2018**

Duties included teaching three sections of BIOL 1615 – Biology I Laboratory (Fall 2017), preparing all samples for four sections of BIOL 3300 – General Microbiology Laboratory (Spring 2018), and preparing all material and teaching BIOL 4430 – Plant Pathology Laboratory (Spring 2018).

Utah State University – Logan, UT

Graduate Research Assistant

2015 – 2018

Primary duties included managing research pertaining to resistance to thousand cankers disease in black walnut, evaluation of black walnuts for cold hardiness and desirable horticulture traits. Additional duties included assisting with other research projects and analysis relating to plant pathology.

Monarch Landscape Consulting – Salt Lake City, UT

Managing Consultant

2014 – 2015

Early evaluation and diagnostics of landscape problems in newly established landscapes. Generated reports as tools to enable more efficient landscape practices, ensure plant health, reduce plant mortality and conserve water. Trained landscape crews, design teams and other contractors on proper planting practices. Worked to promote water conservation practices within the landscape industry.

Utah State University Extension – Provo, UT

Horticulture Assistant

2014

Duties included answering questions from professionals and hobbyist regarding pests, diseases and problems with plants, turf and trees, plant identification, plant selection and working with the public to disseminate information relevant to them. Worked with local organizations to educate home growers and hobbyists on current garden and landscape practices. Additionally, assisted with research projects, submitted research ideas and took necessary steps to see to fruition.

Utah State University Extension – Provo, UT

Course Material Writer

2013

Wrote and prepared course material concisely to optimize learning experience for students enrolled in Utah State University course PSC 2600: Annuals and Perennials.

Utah State University Extension – Provo, UT

Horticulture Intern

2012-2013

Duties included answering questions from professionals and hobbyist regarding pests, diseases and problems with plants, turf and trees, plant identification, plant selection and working with the public to disseminate information relevant to them.

PRESENTATIONS

Characterization of Black Walnut Genotypes for Resistance to Thousand Cankers Disease, Frost Hardiness and Other Desirable Horticulture Traits

2018

Graduate Thesis Seminar – Logan, UT

Characterization of Black Walnut Genotypes for Resistance to TCD NNGA/NAFEX Annual Meeting – Tifton, GA	2017
Plant Diseases Grower Meeting USU Extension – Ogden, UT	2017
Vegetable Gardening Central Utah Gardens – Orem, UT	2017
Turf Diseases Annual Turf and Landscape Maintenance Workshop – Logan, UT	2017
Vegetable Gardening for Northern Utah Central Utah Gardens – Orem, UT	2016
The 5 W's of Vegetable Gardening Central Utah Gardens – Orem, UT	2015
Organic Gardening Principals Utah State University Extension – Provo, UT	2015
Growing Berries in Utah Central Utah Gardens – Orem, UT	2015
Secrets to Soils I & II (2 week course) Utah State University Extension – Saratoga Springs, UT	2015
Ag in the Classroom – Harward Farms Utah State University Extension – Provo, UT	2015
Master Gardener Program – Herbaceous Plants Utah State University Extension – Davis County, UT	2014
Master Gardener Program – Herbaceous Plants Utah State University Extension – Salt Lake County, UT	2014
Master Gardener Program – Managing Your Landscape Utah State University Extension – Provo, UT	2014
Fruit Grower Presentation Farm Field Day, Ag in the Classroom – Springville, UT	2013
Herbicide Resistance in Weeds Utah Department of Agriculture and Food – Provo, UT	2013
Planting a Garden 2013 National Summer Reading Program – Saratoga Springs, UT	2013
Master Gardener Program – Growing Plants in the Greenhouse (4-week course) Utah State University Extension – Thanksgiving Point, UT	2013

Landscape Tree Selection and Maintenance **2013**
Utah County Home Show – Provo, UT

How to Plant a Garden **2013**
Utah County Home Show – Provo, UT

PUBLICATIONS, PAPERS AND POSTERS

Peer reviewed

2017

Lauritzen, E., Nischwitz, C. 2017. Characterization of Black Walnut Genotypes for Resistance to Thousand Cankers Disease. Poster session presented at the American Phytopathological Society Annual Meeting, San Antonio, TX.

2016

Lauritzen, E., Nischwitz, C. 2016. Powdery Mildew on Native Plants in Utah. Poster session presented at the American Phytopathological Society Annual Meeting, Tampa, FL.

2015

Lauritzen, E., Maughan, T. and B. Black. 2015. Haskap (Blue Honeysuckle) in the Garden. USU Extension Publication Horticulture/Fruit/2015-04pr.

Non-peer reviewed

Graduate Thesis

2018

Lauritzen, J.E., 2018. *Characterization of Black Walnut Genotypes for Resistance to Thousand Cankers Disease, Frost Hardiness and Other Desirable Horticultural Traits* (Master's thesis). Retrieved from <https://digitalcommons.usu.edu/etd/7013/>

Newsletter Contributions

2013

Lauritzen, E. 2013. Timely Tips for March and April. On the Home Front.
http://extension.usu.edu/utah/files/uploads/newsletters/mar_april_2013.pdf

RESEARCH PROJECTS

Thousand Cankers Disease **2015-2018**
M.Sc. project Elisa Lauritzen, Utah State University, Department of Biology

Powdery Mildews on Native Plants **2015-2018**
Primary Investigators Dr. Claudia Nischwitz and Elisa Lauritzen, Utah State University, Department of Biology

Assisted with the following projects:

Iris Yellow Spot Virus in Onion Trial **2015-2018**

Primary Investigator Dr. Claudia Nischwitz, Utah State University, Department of Biology

Radish Variety Trial **2014**

Primary Investigator Taun Beddes, Utah State University Extension, Utah County

High Density Apple Orchard Trial – Rootstock **2014**

Primary Investigator Dr. Brent Black, Utah State University, Department of Plants, Soils and Climate

Biological Control of Bindweed Trial **2014**

Primary Investigator Dean Miner, Utah State University Extension, Utah County

Pumpkin Variety Trial **2013-2014**

Primary Investigators Taun Beddes, Dean Miner, Dr. Dan Drost, Utah State University Extension, Utah County

Peach Yield Trial **2013**

Primary Investigator Dr. Brent Black, Utah State University, Department of Plants, Soils and Climate

Peach Chlorosis Trial **2013**

Primary Investigator Dr. Brent Black, Utah State University, Department of Plants, Soils and Climate

LEADERSHIP ROLES

Academic Chair – Elected **2015-2016**

Utah State University, Biology Graduate Student Association

Board Member – Elected **2015-2016**

Utah Community Forest Council, Utah Chapter ISA

PROFESSIONAL SOCIETIES

American Phytopathological Society
 American Society for Horticultural Sciences
 International Society for Horticultural Sciences
 North American Mycological Association
 Mycological Society of America
 Northern Nut Growers of America
 Chestnut Growers of America
 International Society of Arboriculture