

Alicia A. Thomas, M.S.

Instructor of Horticulture, ° Department of Plant and Soil Sciences
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EDUCATION

- January 2019- Present PhD, Plant and Soil Science, *Texas Tech University*
Dissertation Topic: The use of horticultural therapy for military veterans with PTSD
Advisor: Dr. Catherine Simpson
- August 2014- December 2017 M.S., Horticulture, *Texas Tech University*
Thesis: A multivariate analysis of pollinator habitat and bee communities across urban yards in a semiarid environment
Advisor: Dr. Cynthia McKenney
- August 2011- May 2014 B.A., Biology, *Lubbock Christian University*
Undergrad Research: Use of natural plant derived phytochemicals against Alzheimer's disease
Advisor: Dr. Kirt Martin
- August 2009- May 2011 Biology Transfer, *South Plains College*

TEACHING/PROFESSIONAL EXPERIENCE

- January 2021- Present Senior Lecturer of Horticulture, *Texas Tech University*
-PSS 1411 Principles of Horticulture – In-person and Online
-PSS 2313 Herbaceous Plant Materials
Manage/coordinate up to 15 labs and instruct teach assistants. Grading and Correspondence.
- January 2018- Present Instructor of Horticulture, *Texas Tech University*
-PSS 1411 Principles of Horticulture Labs
-PSS 4313 Management of Horticultural Enterprises.
-PSS 2313 Herbaceous Plant Materials
Manage up to 8 labs of College age students. Grading and Correspondence. Lecture business course.
- August 2014- December 2017 Teaching/Research Assistant, *Texas Tech University*
-Teach 1411 Horticulture Labs. Help conduct wildflower research.
- January 2014- January 2015 Greenhouse attendant, *Lubbock Christian University*
-Plant, water and maintain an assortment of plants in greenhouse.

- January 2012- May 2014 Chemistry Teaching Assistant/ Lab attendant, *Lubbock Christian University*
 -Teaching assistant for General, Organic, Inorganic Chemistry labs and graded for each lab. Prepared the chemicals for each lab and cleaned and organized the stock room.
- January 2011- December 2013 Biology/Chemistry Tutor, Lubbock
 -Helped prepare students for Biology and Chemistry course material as well as Exams.

PROFESSIONAL PRESENTATIONS

- January 9th, 2023 Lone Star Hort Forum (LSHF) 2023, *College Station, TX*
 Oral Presentation: At-home Bonsai Kit: Providing Horticultural Therapy to Military Members in Isolation
- October 6th, 2022 Texas Tech University 3-minute Competition: *Lubbock, TX*
 3-minute Thesis Presentation: At-home Horticultural Therapy Kits for Military Service Members' Mental Health Rehabilitation
- September 29th, 2022 CASNR First Annual Poster Competition, *Lubbock, TX*
 Poster: An Evaluation of Military Service Member Preferences and Emotional Perceptions of Landscape Design Elements
- August 2nd, 2022 American Society of Horticultural Sciences (ASHS) 2022, *Chicago, IL*
 Poster: Military branch does not affect military service member landscape element preferences or emotional perceptions
- August 1st, 2022 American Society of Horticultural Sciences (ASHS) 2022, *Chicago, IL*
 Oral Presentation: Cultivate to recuperate: Why military service members join plant-based jobs, fields of study and programs
- July 31st, 2022 American Society of Horticultural Sciences (ASHS) 2022, *Chicago, IL*
 Scholars Ignite 3-minute Presentation: At-home Horticultural Therapy Kits for Military Service Members' Mental Health Rehabilitation
- February 10th, 2022 Southern Region American Society of Horticultural Sciences (SR-ASHS) 2022, *New Orleans, LA*
 Poster: Veteran Emotional Perceptions and Preferences of Landscape Design Elements

- January 11th, 2022 Lone Star Hort Forum (LSHF) 2022, *College Station, TX*
Oral Presentation: Evaluating Landscape Design Elements for Veteran-based Therapeutic Horticulture
- August 12th, 2021 American Society of Horticultural Sciences (ASHS), Virtual
Poster Presentation: The Effect of Plant and Soil Science Jobs on Military Veteran Mental and Physical Well-being
- August 17, 2018 Texas Nursery and Landscape Association (TNLA) Expo, *San Antonio, TX*
Oral Presentation: Urban Bees: An Insider's Look
- August 12, 2016 American Society for Horticultural Sciences (ASHS) Conference, *Atlanta, GA*
Oral Presentation: Diversity of Bees Across Different Urban Lawn Types in Lubbock, TX
- April 16, 2016 Graduate Student Research Poster Competition, Texas Tech University, *Lubbock, TX*
Poster: Local and landscape level relationships of habitat type and insect pollinator communities in an urban center on the Southern High Plains (Texas, USA)
- November 17, 2015 Entomological Society of America (ESA) Conference, *Minneapolis, MN*
Poster: Local and landscape level relationships of habitat type and insect pollinator communities in an urban center on the Southern High Plains (Texas, USA)

LOCAL/COMMUNITY PRESENTATIONS

- October 7th, 2021 Lubbock Master Gardeners Intern Class, *Lubbock, TX*
Oral Presentation: Horticultural Therapy: A Complementary Alternative Therapy
- September 11, 2018 Master Gardeners of Lubbock Monthly Meeting, *Lubbock, TX*
Oral Presentation: A multivariate analysis of urban bee populations in Lubbock, TX

- June 9th, 2018 Arboretum Talks, *Lubbock, TX*
 Oral Presentation: Urban Pollinator Inclusion
- May 7th, 2017 Master Gardeners of Lubbock Monthly Meeting, *Lubbock, TX*
 Oral Presentation Topic: Urban Pollinators of Lubbock

GRANTS:

Received Date	Title of Grant	Amount	Percent Contribution
April 2021	CASNR Mini Teaching Grant	\$2000	100%
May 2020, 2019	Wildflower Selection and Enhancement Program	\$5,176	15%

PROFESSIONAL DEVELOPMENT

- December 2021 Horticultural Therapy Certificate Holder
- May 2021 Horticultural Therapy: Management Certification
- March 2021 Horticultural Therapy: Techniques Certification
- June 2020 Qualtrics survey update webinar
- June 2020 TTU Curriculog Training
- May 2020-
present OLC Online Science Labs Mastery Series certification
- February 2020 Extreme PowerPoint TLPDC Workshop
- November 2019 Horticultural Therapy: Fundamentals Certification
- August 2019 CITI IRB training
- January 2019 Greenzone: Military Veteran Advising Workshop
- October 2014 Research Poster, Research Presentation TLPDC Workshop
- January
2012,2013,2014 Chemistry Lab Management training

SERVICE

April 2021-Present	Nursery FFA AREA 1 & 2 CDE's Coordinator
May 2020-Present	Committee member of PSS distance learning
September 2019-Present	Committee member Texas Tech horticultural greenhouse gardens
August 2015, 2016, 2017	Moderator for TNLA Expo
October 2014	Volunteer Lubbock arboretum cleanup
August 2014 – August 2017	Member of Texas Tech Horticulture Club
September 2012-November 2012	Dunbar Preparatory Academy teaching assistant

SKILLS

Qualtrics survey software
Adobe Photoshop/Lightroom
Horticultural Plant installation/ Landscaping
PCORD V.7
SPSS V.25
SAS
Matterport Virtual Reality

MEMBERSHIPS

August 2019 - Present	American Horticultural Therapy Association
August 2017 - Present	Texas Nursery Landscape Association
April 2016 - Present	American Society for Horticultural Science

October 2015- Entomological Society of America ESA
October 2016

Awards

January 2023 Lonestar Hort Forum 2023 1st place PhD Award

August 2022 ASHS Scholars Ignite 1st place Award

August 2021 CASNR Advisor Award