TEXAS STATE VITA

I. Academic/Professional Background

A. Name and Title

Name: Dr. Sunni J. Taylor Title: Lecturer

B. Educational Background

Degree	*Year*	*University*	*Major*	*Thesis/Dissertation*
PHD	2012	Texas State University	Aquatic Resources	
MS	2008	Texas State University	Biology	
BS	2006	Tarleton State University	General Biology	

C. University Experience

Position	*University*	*Comments*	*Dates*
Extension Educator, Office of Distance and Extended Learning	Texas State University. San Marcos, TX		2020 - Present
Senior Lecturer, Biology	Texas State University. San Marcos, TX, United States		September 2017 - 2020
Per-Course Lecturer, Biology	Texas State University. San Marcos, United States		June 2016 - July 2017

D. Relevant Professional Experience

Position	*Entity*	*Comments*	*Dates*
Teacher, PLC Lead	Science Department, San Marcos CISD, San Marcos, TX, United States		August 2014 - June 2017

E. Other Professional Credentials (licensure, certification, etc.)

Science (8-12) Teacher Certification, Texas Education Agency. (2014 - 2020).

II. TEACHING

A. Teaching Honors and Awards:

Award / Honor Recipient: Alpha Chi "Favorite Professors" Award, Alpha Chi National College Honor Society.
2019, 2021

B. Courses Taught:

Texas State University:

BIO 1320 – Modern Biology I

GS 3310 – General Science

GS 3320 – General Science

St. Edward's University:

BIOL 1108 – Freshman Biology Lab

BIOL 1307 – General Biology (Majors)

E. Teaching Grants and Contracts

3. Funded Internal Teaching Grants and Contracts:

Taylor, Sunni J. Texas State University Service-Learning Excellence Program Mini-Grant, Texas State University Service-Learning Excellence Program, Texas State University, $500.00. (Funded: 2017, 2018, 2019, 2021). Grant.

G. Teaching Professional Development Activities Attended

Conference Attendance, NABT, Atlanta, GA. (November 2021).

Conference Attendance, ASTE, Greenville, SC. (January 2022).

III. SCHOLARLY/CREATIVE

A. Works in Print (including works accepted, forthcoming, in press):

2. Articles:

a. Refereed Journal Articles:

Shaw, J. P., Taylor, S. J., Dobson, M. C., & Martin, N. H. (2017). Pollinator isolation in Louisiana iris: legitimacy and pollen transfer. *EVOLUTIONARY ECOLOGY RESEARCH*, *18*(4), 429–441.

Arnold, M. L., Brothers, A. N., Hamlin, Jennifer A. P., Taylor, S. J., & Martin, N. H. (2015). Divergence-with-Gene-Flow-What Humans and Other Mammals Got up to. *RETICULATE EVOLUTION: SYMBIOGENESIS, LATERAL GENE TRANSFER, HYBRIDIZATION AND INFECTIOUS HEREDITY*, *3*, 255–295. https://doi.org/10.1007/978-3-319-16345-1_10

Martin, N. H., & Taylor, S. J. (2013). Floral preference, flower constancy, and pollen transfer efficiency of the ruby-throated hummingbird (Archilochus colubris) in mixed arrays of Iris nelsonii and Iris fulva. *EVOLUTIONARY ECOLOGY RESEARCH*, *15*(7), 783–792.

Taylor, S. J., Rojas, L. D., Ho, S., & Martin, N. H. (2013). Genomic collinearity and the genetic architecture of floral differences between the homoploid hybrid species Iris nelsonii and one of its progenitors, Iris hexagona. *Heredity*, *110*, 63–70.

Taylor, S. J., AuBuchon, K. J., & Martin, N. H. (2012). Identification of Floral Visitors of Iris nelsonii. *SOUTHEASTERN NATURALIST*, *11*(1), 141–144. https://doi.org/10.1656/058.011.0114

Ballerini, E. S., Brothers, A. N., Tang, S., Knapp, S. J., Bouck, A., Taylor, S. J., … Martin, N. H. (2012). QTL mapping reveals the genetic architecture of loci affecting pre- and post-zygotic isolating barriers in Louisiana Iris. *BMC PLANT BIOLOGY*, *12*. Published. https://doi.org/10.1186/1471-2229-12-91

Taylor, S. J., Willard, R. W., Shaw, J. P., Dobson, M. C., & Martin, N. H. (2011). DIFFERENTIAL RESPONSE OF THE HOMOPLOID HYBRID SPECIES IRIS NELSONII (IRIDACEAE) AND ITS PROGENITORS TO ABIOTIC HABITAT CONDITIONS. *AMERICAN JOURNAL OF BOTANY*, *98*(8), 1309–1316. https://doi.org/10.3732/ajb.1100012

Dobson, M. C., Taylor, S. J., Arnold, M. L., & Martin, N. H. (2011). Patterns of herbivory and fungal infection in experimental Louisiana Iris hybrids. *EVOLUTIONARY ECOLOGY RESEARCH*, *13*(5), 543–552.

Taylor, S. J., Arnold, M., & Martin, N. H. (2009). THE GENETIC ARCHITECTURE OF REPRODUCTIVE ISOLATION IN LOUISIANA IRISES: HYBRID FITNESS IN NATURE. *EVOLUTION*, *63*(10), 2581–2594. https://doi.org/10.1111/j.1558-5646.2009.00742.x

IV. SERVICE

A. Institutional

1. University:

Member, Service Learning Advisory Board. (November 6, 2018 - Present).

2. College:

Member, Women in Science and Engineering Committee. (February 16, 2018 - Present).

B. Professional:

President-elect and local organizing committee, 2022 SW-ASTE (2022)

Reviewer, W.W. Norton (2020)

Reviewer / Referee, BMC Evolutionary Biology. (2019).

Reviewer / Referee, Botany. (2019).

C. Community:

Volunteer, San Marcos CISD, San Marcos. (2017 - Present).

Member, Town & Gown Innovation Summit planning committee, San Marcos. (2018).

D. Organization Memberships:

Association of Science Teacher Education (ASTE). (2021 - Present).

National Association of Biology Teachers (NABT). (2021 - Present).