

**TEXAS STATE VITA****I. Academic/Professional Background**

A. Name: Dr. Sunni J. Taylor

Title: Senior Lecturer

## B. Educational Background

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

## C. University Experience

<i>Position</i>	<i>University</i>	<i>Dates</i>
Senior Lecturer, Biology	Texas State University. San Marcos, TX, United States	September 2017 - Present
Per-Course Lecturer, Biology	Texas State University. San Marcos, United States	June 2016 - July 2017

## D. Relevant Professional Experience

<i>Position</i>	<i>Entity</i>	<i>Dates</i>
Teacher, PLC Lead	Science Department, San Marcos CISD, San Marcos, TX, United States	August 2014 - June 2017

**II. TEACHING**

## B. Courses Taught:

Texas State University:

GS 3310 - GENERAL SCIENCE

GS 3320 - GENERAL SCIENCE

## 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: June 2018 - July 2018). Grant.

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: January 2018 - May 2018). Grant.

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: October 2017 - December 2017). Grant.

### 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, Jennafer 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](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).

##### **C. Community:**

Member, Town & Gown Innovation Summit planning committee, San Marcos. (October 4, 2018 - Present).

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