

ASHLEY BRIGHAM MORRIS

Furman University, Department of Biology, Greenville, South Carolina 29613

Email: ashley.morris@furman.edu; Webpage: themorrislab.weebly.com**EDUCATION**

2006	Ph.D., Botany	Florida Museum of Natural History, University of Florida
2001	M.S., Botany	Department of Botany, University of Tennessee
1997	B.S., Natural Resources	Department of Forestry and Geology, University of the South - Sewanee

PROFESSIONAL EXPERIENCE

2022-present	Professor	Department of Biology Furman University, Greenville, SC
2019-2022	Associate Professor	Department of Biology Furman University, Greenville, SC
2018-2019	Administrative Fellow to the Dean of the College of Basic and Applied Sciences	Middle Tennessee State University, Murfreesboro, TN
2016-2019	Associate Professor	Department of Biology Middle Tennessee State University, Murfreesboro, TN
2011-2016	Assistant Professor	Department of Biology Middle Tennessee State University, Murfreesboro, TN
2007-2011	Assistant Professor	Department of Biology University of South Alabama, Mobile, AL
2001-2007	Research Assistant	Florida Museum of Natural History University of Florida, Gainesville, FL
2000-2001	Teaching Assistant	School of Biological Sciences Washington State University, Pullman, WA
1998-2000	Teaching Assistant	Department of Botany University of Tennessee, Knoxville, TN
1997-1998	Research Technician	Dept. of Entomology & Plant Pathology University of Tennessee, Knoxville, TN

PEER-REVIEWED PUBLICATIONS

*UNDERGRADUATE STUDENT AUTHORS; **GRADUATE STUDENT AUTHORS

1. Fox SJ**, Eberth L*, Floyd JB*, Pederson C*, Stafford L*, Tillmanns N*, Vodo L*, **Morris AB** (2024) The importance of understanding clonal structure for species listing and recovery: case studies from the rare oconee bells (*Shortia brevistyla* and *Shortia galacifolia*; Diapensiaceae) and the federally endangered bunched arrowhead (*Sagittaria fasciculata*; Alismataceae). *Conservation Genetics*, 25: 849-866.
2. **Morris AB**, Visger C, Fox SJ**, Scalf C**, Fleming S, Call G (2024) Defining populations and predicting future suitable niche space in the geographically disjunct, narrowly endemic, leafy prairie-clover (*Dalea foliosa*; Fabaceae). *Plants*, 13: 495.

3. **Morris AB**, Visger C, Watkins S*, Pollack C (2023) Extremely low levels of genetic variation and predicted shifts in suitable niche space for a geographically disjunct, federally endangered legume, leafy prairie-clover (*Dalea foliosa*). *Castanea*, 88: 91-110.
4. Monfils AK, Krimmel ER, Linton DL, Marsico TD, **Morris AB**, Ruhfel BR (2022) Collections education: The extended specimen and data acumen. *BioScience*, 72: 177-188.
5. Hays K, Havran JC, Heard MJ, **Morris AB**, Ovueraye L (2021) From then to now: Diversity, equity, and inclusion in the Association of Southeastern Biologists. *Frontiers in Sociology*, 6.
6. Oppmann E*, **Morris AB** (2021) Assessing the clonal nature of running glade clover (*Trifolium calcaricum* J.L. Collins & T.F. Wieboldt; Fabaceae). *Castanea*, 86:117-124.
7. **Morris AB**, Trostel K**, Scalf C*, Burleyson A*, Call G, Albrecht MA (2021) Genetic variation and structure in natural and reintroduced populations of the endangered legume, Pyne's ground plum (*Astragalus bibullatus*). *Conservation Genetics*, 22: 443-454.
8. Powell C**, Krakowiak A**, Fuller R**, Rylander E**, Gillespie E, Krosnick S, Ruhfel B, **Morris AB**, Shaw J (2021) Estimating herbarium specimen digitization rates: accounting for human experience. *Applications in Plant Sciences*, 9: e11415.
9. Marsico TD, Krimmel ER, Carter JR, Gillespie EL, Lowe PD**, McCauley R, **Morris AB**, Nelson G, Smith M, Soteropoulos DL, Monfils AK (2020) Small herbaria contribute unique biogeographic records to county, locality, and temporal scales. *American Journal of Botany*, 107: 1577-1587.
10. Rumble L**, Taylor G, Grinath JB, **Morris AB** (2020) Measuring spatial and temporal shifts in forest structure and composition in high elevation beech forests in response to beech bark disease in Great Smoky Mountains National Park. *Forest Ecology and Management*, 461: April, 117954.
11. **Morris AB**, Shaw J (2018) Markers in time and space: a review of the last decade of plant phylogeographic methods. *Molecular Ecology*, 27, 2317-2333.
12. Yost JM, Sweeney PW, Gilbert E, Nelson G, Guralnick R, Gallinat AS, Ellwood ER, Rossington N, Willis CG, Blum SD, Walls RL, Haston EM, Denslow MW, Zohner CM, **Morris AB**, Stucky BJ, Carter JR, Baxter DG, Bolmgren K, Denny EG, Dean E, Davis CC, Mishler BD, Soltis PS, Mazer SJ (2018) Digitization protocol for scoring phenology from herbarium specimens of seed plants. *Applications in Plant Sciences*, 6, e1022.
13. Evans J, **Morris AB** (2016) Isolated coastal populations of *Tilia americana* var. *caroliniana* exhibit long-term persistence through vegetative growth. *American Journal of Botany*, 103, 1687-1693.
14. Fan D, Hu W, Li B, **Morris AB**, Zheng M, Soltis DE, Soltis PS, Zhang Z (2016) Idiosyncratic responses of evergreen broad-leaved forest constituents in China to the late Quaternary climate changes. *Scientific Reports*, 6, 31044.
15. **Morris AB**, Scalf C*, Burleyson A*, Johnson LT*, Trostel K** (2016) Development and characterization of microsatellite primers in the federally endangered *Astragalus bibullatus* (Fabaceae). *Applications in Plant Sciences*, 4, 1500126.
16. Howell JS**, **Morris AB** (2016) Niche partitioning in sympatric *Sarracenia* species at Splinter Hill Bog Preserve, Baldwin County, Alabama. *Carnivorous Plant Newsletter*, 45, 12-18.
17. Nelson G, Sweeney P, Wallace LE, Rabeler RK, Allard D, Brown H, Carter RJ, Denslow MW, Ellwood ER, Germain-Aubrey CC, Gilbert E, Gillespie E, Goertzen LR, Legler B, Marchant DB, Marsico TD, **Morris AB**, Murrell Z, Nazaire M, Neefus C, Oberreiter S, Paul D, Ruhfel BR, Sasek T, Shaw J, Soltis PS, Watson K, Weeks A, Mast AR (2015) Digitization workflows for flat sheets and packets of plants, algae, and fungi. *Applications in Plant Sciences*, 3, 1500065.
18. Shaw J, Shafer HL*, Leonard OR**, Kovach MJ, Schorr M, **Morris AB** (2014) Chloroplast DNA sequence utility for the lowest phylogenetic and phylogeographic inferences in angiosperms: The tortoise and hare IV. *American Journal of Botany*, 101, 1987-2004.
19. Hieb EE**, Nelson DH, **Morris AB** (2014) Oviductal eggs from road-kill turtles provide a novel source of DNA for

population studies of the Alabama red-bellied turtle. *Conservation Genetics Resources*, 6, 837-839.

20. Hieb EE^{**}, Nelson DH, **Morris AB** (2014) Genetic monitoring reveals loss of microsatellite diversity in a breeding population of the endangered Alabama red-bellied turtle. *Endangered Species Research*, 23, 253-261.
21. **Morris AB**, Millsaps NK^{*}, Mason KQ^{*}, Howell JS^{**}, Speer JH (2014) Mature beech trees (*Fagus grandifolia*; Fagaceae) are persistently clonal in coves and beech gaps in the Great Smoky Mountains. *American Journal of Botany*, 101, 1-8.
22. Jackson TG^{**}, Nelson DH, **Morris AB** (2012) Phylogenetic relationships in the North America genus *Pseudemys* (Emydidae) inferred from two mitochondrial genes. *Southeastern Naturalist*, 11, 297-310.
23. Hieb EE^{**}, Jackson TG^{**}, Nelson DH, **Morris AB** (2011) Characterization of eight polymorphic microsatellite loci for the endangered Alabama red-bellied turtle (*Pseudemys alabamensis*; Emydidae). *Conservation Genetics Resources*, 3, 781-783.
24. Newell DH^{*}, **Morris AB** (2010) Clonal structure of wild populations and origins of horticultural stocks of *Illicium parviflorum* (Illiciaceae). *American Journal of Botany*, 97, 1-5.
25. **Morris AB**, Graham CH, Soltis DE, Soltis PS (2010) Reassessment of phylogeographical structure in an eastern North American tree using Monmonier's algorithm and ecological niche modelling. *Journal of Biogeography*, 37, 1657-1667.
26. Judd WS, Abbott JR, **Morris AB** (2008) *Illicium guajaibonense*, elevated to subspecies rank and compared with the subspecies of *Illicium cubense* (Illiciaceae). *Journal of Botanical Research Institute of Texas*, 2, 799-806.
27. **Morris AB**, Ickert-Bond SM, Brunson DB^{**}, Soltis DE, Soltis PS (2008) Phylogeographical structure and temporal complexity in American sweetgum (*Liquidambar styraciflua*; Altingiaceae). *Molecular Ecology*, 17, 3889-3900.
28. **Morris AB**, Bell CD, Clayton JW, Judd WS, Soltis DE, Soltis PS (2007) Phylogeny and divergence time estimation in *Illicium* with implications for New World biogeography. *Systematic Botany*, 32, 236-249.
29. Soltis DE, **Morris AB**, McLachlan JS, Manos PS, Soltis PS (2006) Comparative phylogeography of unglaciated eastern North America. *Molecular Ecology*, 15, 4261-4293.
30. Sherman TD, Boone E, **Morris AB**, Woodard A, Goldman E, Martin DL, Gautier C, O'Brien JJ (2008) Investigations of internal interactions between the parasitic barnacle *Loxothylacus texanus* (Rhizocephala: Sacculinidae) and its host *Callinectes sapidus* (Brachyura: Portunidae) using PCR techniques. *Journal of Crustacean Biology*, 28, 220-227.
31. Guerrero A, Judd WS, **Morris AB**^{**} (2004) A new species of *Illicium* subsection *Parviflora* from the Massif de la Hotte, Haiti. *Brittonia*, 56, 346-352.
32. **Morris AB**^{**}, Small RL, Cruzan MB (2004) Variation in frequency of clonal reproduction among populations of *Fagus grandifolia* Ehrh. in response to disturbance. *Castanea*, 69, 38-51.
33. Scheen AC^{**}, Brochmann C, Brysting AK, Elven R, **Morris AB**^{**}, Soltis DE, Soltis PS, Albert VA (2004) Northern hemisphere biogeography of *Cerastium* (Caryophyllaceae): Insights from phylogenetic analysis of noncoding plastid nucleotide sequences. *American Journal of Botany*, 91, 943-952.
34. **Morris AB**^{**}, Small RL, Cruzan MB (2002) Investigating the relationship between *Cryptococcus fagisuga* and *Fagus grandifolia* in Great Smoky Mountains National Park. *Southeastern Naturalist*, 1, 415-424.
35. **Morris AB**^{**}, Baucom RS^{*}, Cruzan MB (2002) Stratified analysis of the soil seed bank in the cedar glade endemic *Astragalus bibullatus*: evidence for historical changes in genetic structure. *American Journal of Botany*, 89, 29-36.

EDITED BOOK CHAPTERS

1. **Morris AB**, Baskauf CJ, Diggs JT, Egan AN, Lincicome D, Mandel JR, Visger CJ (2021) Conserving the flora of limestone cedar glade communities of the Southeastern United States. In Della Sala DA, Goldstein MI (eds.) *Imperiled: The Encyclopedia of Conservation* (pp. 336-346), Elsevier.

EXTERNAL GRANTS AND CONTRACTS

2024-2025	Alabama Department of Conservation and Natural Resources (ALDCNR) Sec 6 PI: AB Morris <i>Genetic analysis of the threatened Kral's water-plantain (<i>Sagittaria secundifolia</i>), an aquatic plant native to Alabama</i>	\$26,345
2023-2024	SC INBRE Instrumentation Support Award PI: AB Morris <i>Acquisition of a benchtop DNA sequencing instrument</i>	\$55,000
2023-2025	US Fish and Wildlife Service (USFWS) PI: AB Morris <i>Expansion of genetic studies in <i>Dalea foliosa</i> to increase geographic and genetic resolution as a mechanism to inform recovery actions across the range of the species</i>	\$61,533
2022-2023	US Fish and Wildlife Service (USFWS) PI: AB Morris <i>Assessment of clonal and genetic structure in bunched arrowhead (<i>Sagittaria fasciculata</i>; Alismataceae)</i>	\$20,316
2022-2023	Southeastern Grasslands Initiative (SGI) PI: AB Morris <i>Population genetics and clonal structure of <i>Sarracenia oreophila</i> at Little River Canyon</i>	\$16,563
2020-2023	US Fish and Wildlife Service (USFWS) PI: Tennessee Department of Environment and Conservation [TDEC], Co-PIs: AB Morris [Furman] & MA Albrecht [Missouri Botanical Garden] <i>Strategic habitat conservation for the recovery of two federally listed species in Tennessee</i> *Total funded was \$123,753; Furman subaward is \$21,403	\$123,753
2017-2020	Tennessee Wildlife Resources Agency (TWRA) PI: R Otter [MTSU], Co-PI: AB Morris [MTSU] <i>Analysis of genetic diversity among zebra mussels in Tennessee</i>	\$15,000
2014-2018	NSF Advancing Digitization of Biological Collections (ADBC) PI: J Shaw [UTC]; Co-PIs: AB Morris [MTSU] & D Estes [APSU] <i>Digitization TCN: Collaborative Research: The Key to the Cabinets: Building and sustaining a research database for a global biodiversity hotspot</i>	\$301,164
2014-2018	US Fish and Wildlife Service (USFWS) PI: AB Morris [MTSU] <i>Population genetic structure of two federally endangered legumes, <i>Astragalus bibullatus</i> and <i>Dalea foliosa</i></i>	\$39,568
2013-2014	US Fish and Wildlife Service (USFWS) PI: AB Morris [MTSU] <i>Characterization of nuclear microsatellite loci in the federally endangered <i>Astragalus bibullatus</i> (<i>Fabaceae</i>) endemic to the limestone cedar glades of Middle Tennessee</i>	\$5,112
2012-2013	Discover Life in America (DLIA) PI: AB Morris [MTSU] <i>ATBI: Soil microbial communities of the beech gaps of Great Smoky Mountains National Park</i>	\$3,500
2011-2012	BP / Marine Env. Sciences Consortium (MESC) at Dauphin Island Sea Lab (DISL) PI: Anne Boettcher [USA], Co-PI: AB Morris [USA] <i>Gulf of Mexico ecosystem integrity: Resilience of seagrass beds to oil contamination</i>	\$77,060
2011-2012	US Fish and Wildlife Service (USFWS) PI: AB Morris [USA] <i>Reproductive ecology and population genetic analysis of the Alabama red-bellied turtle</i>	\$28,369

2010-2012	Institute for Marine Mammal Studies (IMMS) PI: AB Morris [USA] <i>Genetic assessment of bottlenose dolphins stranded in Mississippi and Alabama before and after the Deepwater Horizon oil spill</i> NOTE: This award was cancelled by IMMS in April 2011 due to a NOAA directive prohibiting the analysis of any dolphin tissues beginning in February 2010 as a result of 1) the BP oil spill and 2) an Unusual Mortality Event (UME) affecting bottlenose dolphins in the Northern Gulf of Mexico.	\$47,314
2010-2011	Institute for Marine Mammal Studies (IMMS) PI: AB Morris [USA] <i>Preliminary genetic survey of bottlenose dolphins stranded in Mississippi and Alabama</i>	\$6,334
2010-2012	NSF DUE Course Curriculum and Lab Improvement (CCLI) PI: AB Morris [USA], Co-PIs: S Ní Chadhain, T Sherman, & R Gray [USA] <i>Integrating genomics and bioinformatics into an ecology and evolution-based undergraduate curriculum</i>	\$199,496
2009-2010	International Carnivorous Plant Society (ICPS) PI: AB Morris [USA] <i>Assessing abiotic and genetic control of pitcher morphology in Sarracenia</i>	\$3,400
2008-2009	LI-COR Biosciences Genomics Education Matching Fund (GEMF) PI: AB Morris [USA]	\$61,739 + match from USA \$41,000
2003-2004	Florida Native Plant Society (FNPS) PI: AB Morris [UF - Graduate Student] <i>The Illicium parviflorum Michx. ex Vent. (Illiciaceae) paradox: an endangered Florida endemic and its role in the horticultural trade</i>	\$988
2002-2003	Botanical Society of America (BSA) Karling Award PI: AB Morris [UF - Graduate Student] <i>Exploring the biogeographic history of eastern North American trees: a comparative phylogeographic approach</i>	\$500
2002-2003	American Society of Plant Taxonomists (ASPT) Graduate Student Research Award PI: AB Morris [UF - Graduate Student] <i>Phylogenetic patterns in New World Illicium</i>	\$750
2002-2003	Society of Systematic Biologists (SSB) Graduate Student Award PI: AB Morris [UF - Graduate Student] <i>Comparative phylogeography of eastern North American flora</i>	\$1,897
2002-2003	Florida Native Plant Society (FNPS) Endowment Grant PI: AB Morris [UF - Graduate Student] <i>Population genetic structure of an endangered Florida endemic plant, Illicium parviflorum</i>	\$498
2002-2005	Canon National Parks Science Scholars Program PI: AB Morris [UF - Graduate Student] <i>Biogeographic patterns in Eastern North America: Phylogeography of a regional flora with implications for modeling potential future species distributions</i>	\$78,000
2001-2002	Canon National Parks Science Scholars Program - Honorable Mention PI: AB Morris [UF - Graduate Student] <i>Potential barriers to migration in Fagus grandifolia: implications for modeling population distributions under global climate change</i>	\$2,000
1999-2000	Great Smoky Mountains Natural History Association Carlos Campbell Fellowship PI: AB Morris [UTK - Graduate Student] <i>Genetic resistance to beech bark disease in American beech in Great Smoky Mountains National Park</i>	\$3,600

INTERNAL GRANTS AND CONTRACTS

2023-2024	Furman Research and Professional Growth Committee Grant PI: AB Morris <i>Population genetics of the rare Oconee bells at Lake Jocassee</i>	\$1,537
2021-2024	Furman University Furman Standard Faculty Research Grant PI: AB Morris <i>Development of the South Carolina Plant Atlas online resource</i>	\$13,000
2017-2018	MTSU Faculty Research and Creative Activity Committee (FRCAC) Award PI: AB Morris [MTSU] <i>Using new molecular tools to address old taxonomic questions in North American Clematis (the leather flowers)</i>	\$10,000
2014-2015	MTSU Foundation Special Projects PI: AB Morris [MTSU] <i>MTSU Virtual herbarium project</i>	\$9,000
2014-2015	MTSU Faculty Research and Creative Activity Committee (FRCAC) Award PI: AB Morris [MTSU] <i>Using non-coding chloroplast DNA to resolve phylogeographic patterns in trees</i>	\$6,044
2012-2013	MTSU Faculty Research and Creative Activity Committee (FRCAC) Award PI: AB Morris [MTSU] <i>Development of a molecular toolbox for understanding relatedness in a medicinally important group of plants (the star anise family; Illiciaceae)</i>	\$9,950
2009-2010	USA Arts & Sciences Support and Development PI: AB Morris [USA] <i>Molecular systematics and population genetics seminar series</i>	\$1,500
2008-2009	USA Research Council PI: AB Morris [USA] <i>Phylogeographic structure of eastern North American trees: a molecular approach</i>	\$4,997
2008-2009	USA Arts & Sciences Summer Professional Development PI: AB Morris [USA] <i>Phylogeographic structure of eastern North American trees: a molecular approach</i>	\$6,000

TEACHING EXPERIENCE

2019-present	Courses taught at Furman University	
	BIO 509 Experience in Research	
	BIO 503 Individualized Internship	
	BIO 502 Research	
	BIO 402 Ethnobiology	
	BIO 401 Applied Plant Science / Economic Botany	
	BIO 400 Field Botany	
	BIO 346 Forest Ecology	
	BIO 270 Parks and People: Great Smoky Mountains	
	BIO 213 Population Genetics and Evolution	
	BIO 210 Genetics	
	BIO 075 Seminar in Biology	
2011-2019	Courses taught at Middle Tennessee State University	
	BIOL 6640 Graduate Thesis Research	BIOL 6620 Graduate Biological Research
	BIOL 6500 Special Problems in Biology	BIOL 4330 Biome Analysis (SmokyMtnU)

BIOL 4280 Undergraduate Ressearch	BIOL 4200 Senior Seminar
BIOL 4120 / 5120 Flowering Plants	BIOL 4090 / 6090 Forest Ecology
BIOL 4070 / 6070 Economic Botany	BIOL 4060 / 6060 Dendrology
BIOL 3250 Genetics Lecture	BIOL 3251 Genetics Lab (Instructor & Lab Coordinator)
BIOL 1000 Introduction to the Biology Major	MOBI 7300 Special Topics
MOBI 7500 Directed Research	

2007-2011

Courses taught at University of South Alabama

BLY 595 Graduate Directed Studies	BLY 592 Graduate Seminar
BLY 494 Undergraduate Directed Studies	BLY 490 Special Topics: DNA Barcoding
BLY 490 Special Topics: Molecular Markers	BLY 490 Special Topics: Molecular Ecology
BLY 302 Genetics (Previously taught as BLY 311 Lecture and 312 Lab)	
BLY 122L General Biology II Lab	

1998-2004

Courses taught as a Graduate Teaching Assistant

BOT 3151 Local Flora of North Florida (Lab; University of Florida)
 BOT 2800 Plants in Human Affairs (Lecture; University of Florida)
 BOT 2011 Plant Diversity (Lab; University of Florida)
 BOT 2010 Introduction to Botany (Lab; University of Florida)
 BIOL 102 General Biology (Lab; Washington State University)
 BIO 250 Ecology (Lab; University of Tennessee Knoxville)
 BIO 102 Biology II for non-majors (Lab; University of Tennessee Knoxville)
 BIO 101 Biology I for non-majors (Lab; University of Tennessee Knoxville)

SYNERGISTIC ACTIVITIES**Professional Service***Elected Offices and Appointed Positions*

2024-2026	Southern Appalachian Botanical Society (SABS)	President
2023-2024	Southern Appalachian Botanical Society (SABS)	President Elect
2021-2022	Southeastern Section of Society of Herbarium Curators (SE SHC)	Affiliate Liason
2020-2024	Systematic Botany, journal of American Society of Plant Taxonomists	Associate Editor
2019-2021	Association of Southeastern Biologists (ASB)	Past President
2017-2019	Association of Southeastern Biologists (ASB)	President
2016-2020	Systematic Botany, journal of American Society of Plant Taxonomists	Associate Editor
2016 (Fall)	National Science Foundation (NSF) DEB	Electronic Reviewer
2016 (Spring)	National Geographic Society (NGS)	Grant Reviewer
2016 (Spring)	Society of Herbarium Curators (SHC)	Grant Reviewer
2015-2016	Association of Southeastern Biologists (ASB)	President-Elect
2015 (Spring)	American Society of Plant Taxonomists (ASPT)	Grant Reviewer
2014-2015	Southeastern Section of Society of Herbarium Curators (SE SHC)	Chair
2014-2015	Association of Southeastern Biologists (ASB)	Vice-President
2014 (Fall)	National Science Foundation (NSF) DEB	Panelist
2014 (Spring)	National Science Foundation (NSF) DEB	Panelist
2011 (Summer)	National Science Foundation (NSF) DUE	Panelist
2010-2019	Association of Southeastern Biologists (ASB)	Web Editor
2010-2013	Association of Southeastern Biologists (ASB)	Member-at-Large
2010 (Summer)	National Science Foundation (NSF) DUE	Panelist
2009-2011	Association of Southeastern Biologists (ASB)	Education Committee
2007-2009	Botanical Society of America (BSA)	Webpage Committee

*Peer-review Service**(Journals for which I have reviewed one or more manuscripts)*

African J. of Biotechnology	American J. of Botany	Annals of Botany
Applications in Plant Sciences	Botanical J. of the Linnean Society	Castanea
Conservation Biology	Conservation Genetics	Evolution
Genetica	International J. of Molecular Sciences	International J. of Plant Sciences

J. of Biogeography	J. of Systematics and Evolution	J. of the Torrey Botanical Society
J. of Tropical Forest Science	Molecular Ecology	Molecular Phylogenetics and Evolution
Organisms, Diversity, and Evolution	Plant Molecular Biology Reporter	PLoS One
Systematic Botany		

University Service

University

2020-2021	STEM Diversity, Equity, and Inclusion Committee, Chair
2020-present	Furman Academic Discipline Committee
2016-2019	MTSU University Committee on Academic Misconduct
2014-2016	MTSU University Building Naming Committee
2013-2014	MTSU University Committee on Academic Misconduct
2009-2011	USA Institutional Animal Use and Care Committee (IACUC)
2007-2010	USA Biology Student Association (BSA) Faculty Advisor
2007-2010	USA University Committee on Undergraduate Research (UCUR) Summer Program Mentor
2007	USA Alabama Louis Stokes Alliance for Minority Participation (ALSAMP) Mentor

College

2015-2019	MTSU Molecular Biosciences PhD Program Executive Committee
2010-2011	USA College of A&S Support and Development Awards Committee
2008-2010	USA College of A&S Academic Programs and Planning Committee

Department or School

2023-2024	Furman Department of Biology Curriculum Mapping Committee
2021-2022	Furman Department of Biology Faculty Search Committee
2018-2019	MTSU Department of Biology Promotion and Tenure Committee
2017-2018	MTSU Department of Biology Toxicology Faculty Search Committee
2017-2018	MTSU Department of Biology Promotion and Tenure Committee
2014-2016	MTSU Department of Biology Web Committee
2014-2015	MTSU Department of Biology Strategic Planning Committee
2014-2017	MTSU Department of Biology Freshman Course Committee
2014-2015	MTSU Department of Biology Clicker Committee
2013-2019	MTSU Department of Biology Greenhouse Advisory Committee
2011-2019	MTSU Department of Biology Graduate Admissions Committee
2011-2015	MTSU Department of Biology Graduate Scholarship Committee (Chair 2014-2015)
2011-2012	MTSU Department of Biology Genomics Faculty Search Committee
2008-2009	USA Department of Biology Microbiology Faculty Search Committee
2009-2010	USA Department of Biology Instructor Search Committee
2010-2011	USA Department of Biology Genetics Faculty Search Committee

Public Outreach and Service

2017-2023	Annual Spring Wildflower Pilgrimage in Great Smoky Mountains National Park; Planning Committee member; Hike and Program Leader
2013-2014, 2016, 2019	Tennessee Science Olympiad Regional Tournament (MTSU) Event Coordinator; Elementary (2013, 2014, 2016) and High School (2013, 2014, 2019)
2011	Mobile County (Alabama) Schools Science Fair Judge
2010	Mobile County (Alabama) Schools Teacher In-service presentation (Epigenetics)

PROFESSIONAL MEMBERSHIPS

Association of Southeastern Biologists (ASB)
Southern Appalachian Botanical Society (SABS)
Society of Herbarium Curators (SHC)