

Deborah R. Hilbert

Curriculum Vitae

Many Trees Consulting, LLC
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EDUCATION

- 2021 Ph.D. Horticultural Sciences (emphasis on arboriculture and urban forestry),
University of Florida, Gainesville, Florida, USA
Dissertation: Improving Urban Forest Diversity in Florida
- 2013 B.S. Biology, B.A. Environmental Studies, Eckerd College, St. Petersburg,
Florida, USA

WORK EXPERIENCE

- 2021-present Owner/Urban Tree Scientist
Many Trees Consulting, LLC, St. Petersburg, FL, USA
- 2020-2021 Graduate Assistant, Ph.D. Student
UF/IFAS Gulf Coast Research and Education Center, Wimauma, FL, USA
- 2016-2020 Biological Scientist, II
UF/IFAS Gulf Coast Research and Education Center, Wimauma, FL, USA
- 2015-2016 Education and Research Coordinator
Nature's Academy, Inc., Bradenton, FL, USA
- 2014-2015 Garden Program Coordinator
Edible Peace Patch Project, St. Petersburg, FL, USA
- 2014-2015 Environmental Education Specialist
Tampa Bay Watch, Inc., St. Petersburg, FL, USA
- 2013-2014 Conservation and Land Management Intern
Chicago Botanic Garden & Bureau of Land Management, Susanville, CA, USA

PUBLICATIONS

Peer-Reviewed Journal Articles

- 2022 Koeser, A.K., R.J. Hauer, **D.R. Hilbert**, R.J. Northrop, H. Thorn, D.C. McLean, A.B. Salisbury. 2022. The Tripping Point—Minimum Planting Widths for Small-Stature Trees in Dense Urban Developments. *Sustainability* 14(2022):3283. <https://doi.org/10.3390/su14063283>
- 2022 Salisbury, A., A.K. Koeser, R.J. Hauer, **D.R. Hilbert**, A.H. Abd-Elrahman, M.G. Andreu, K. Britt, S.M. Landry, M.G. Lusk, J.W. Miesbauer, and H. Thorn. 2022. The Legacy of Hurricanes, Historic Land Cover, and Municipal Ordinances on

- Urban Tree Canopy in Florida (United States). *Frontiers in Forests and Global Change* 5(2022):742157. <https://doi.org/10.3389/ffgc.2022.742157>
- 2022 **Hilbert D.R.**, A.K. Koeser, L.A. Roman, M.G. Andreu, G. Hansen, M. Thetford, R.J. Northrop. 2022. Selecting and Assessing Underutilized Trees for Diverse Urban Forests: A Participatory Research Approach. *Front. Ecol. Evol.* 10:759693. <https://doi.org/10.3389/fevo.2022.759693>
- 2021 Landry, S.M., A.K. Koeser, B. Kane, **D.R. Hilbert**, D.C. McLean, M.G. Andreu, C.L. Staudhammer. 2021. Urban forest response to Hurricane Irma: The role of landscape characteristics and sociodemographic context. *Urban forestry & Urban Greening* 61(2021):127093. <https://doi.org/10.1016/j.ufug.2021.127093>
- 2021 Koeser, A.K., R.J. Hauer, E.E. Downey, **D.R. Hilbert**, D.C. McLean, M.G. Andreu, R.J. Northrop. 2021. Municipal response to state legislation limiting local oversight of private urban tree removal in Florida. *Land Use Policy* 105(2021):105398. <https://doi.org/10.1016/j.landusepol.2021.105398>
- 2020 **Hilbert, D.R.**, E.A. North, R.J. Hauer, A.K. Koeser, D.C. McLean, R.J. Northrop, M. Andreu, S. Parbs. 2020. Predicting trunk flare diameter to prevent tree damage to infrastructure. *Urban forestry & Urban Greening* 49(2020):126645. <https://doi.org/10.1016/j.ufug.2020.126645>
- 2019 **Hilbert, D.R.**, L.A. Roman, A.K. Koeser, J.M. Vogt, and N.S. van Doorn. 2019. Urban tree mortality: A literature review. *Arboriculture & Urban Forestry*. 45(5):167–200. <https://doi.org/10.48044/jauf.2019.015>
- 2019 S.A. Blair, Koeser, A.K, G.W. Knox, L.A. Roman, M. Thetford, and **D.R. Hilbert**. 2019. Health and Establishment of Highway Plantings in Florida (United States). *Urban Forestry & Urban Greening* 43(2019):1266384. <https://doi.org/10.1016/j.ufug.2019.126384>
- 2019 **Hilbert, D.R.**, L.A. Roman, A.K. Koeser, K. Hamilton, S. Landry, R. Hauer, H. Campanella, D.C. McLean, M. Andreu, and H. Perez. 2019. Development Practices and Ordinances Predict Inter-city Variation in Canopy Coverage. *Landscape & Urban Planning* 190(2019):103603. <https://doi.org/10.1016/j.landurbplan.2019.103603>
- 2019 Tsegaye, S., T. Singleton, A.K. Koeser, D. Lamb, S. Landry, S. Lu, J. Barber, **D.R. Hilbert**, K. Hamilton, R. Northrop, and K. Ghebremichael. 2019. Transitioning from Gray to Green (G2G) – A Green Infrastructure Planning Tool for the Urban Forest. *Urban Forestry & Urban Greening* 40(2019):204-214. <https://doi.org/10.1016/j.ufug.2018.09.005>
- 2015 **Hilbert, D.R.** and G.M. Ionta. 2015. A Vascular Flora of the Eckerd College Palm Hammock Nature Area: A Dredge and Fill Site in Pinellas County, Florida. *Castanea*. 80(3):183-192. <https://doi.org/10.2179/15-057>

Manuscripts in Preparation or Submission

Anderson, B., A.K., Koeser, A.B. Salisbury, **D.R. Hilbert**, H. Thorn, and R.J. Hauer. **In press**. Linking Past to Present – How History, Hurricanes, and Humans Impact Florida’s Urban Forests. *Frontiers for Young Minds*

Hilbert, D.R., A.K. Koeser, G. Thompson, L.A. Roman, M. Andreu, G. Hansen, and

M. Thetford. **In preparation.** Conceptualizing the Human Drivers of Low Tree Diversity in Planted Urban Landscapes. *Ambio*

Hilbert, D.R., A.K. Koeser, L.A. Roman, M. Andreu, M. Clark, G. Hansen, and M. Thetford. **In preparation.** Expanding urban tree species diversity in Florida (USA): Challenges and opportunities for practitioners. *Society and Natural Resources*

Clymire-Stern, E., R.J. Hauer, **D.R. Hilbert**, A.K. Koeser. **In preparation.** Factors Affecting the Size and Distribution of Urban Tree Canopies: What the Literature Shows. *Arboriculture & Urban Forestry*

Hilbert, D.R., R.J. Hauer, E. Clymire-Stern, A.K. Koeser. **In preparation.** Development Practices and Socioeconomics Predict Variation in Wisconsin's Urban Tree Canopy. *Arboriculture & Urban Forestry*

Extension and Trade Publications

- 2020 Eden Clymire-Stern, E., R. Hauer, **D.R. Hilbert**, A. Koeser. 2020. Human Versus Machine: An Artificial Intelligence and Human Interpretation Canopy Assessment Comparison for the State of Wisconsin, USA. *Arboricultural Research and Education Academy (AREA) Newsletter* 15(4):9-12.
- 2020 **Hilbert, D.R.**, E. North, R. Hauer. 2020. Transitioning to Remote Learning During COVID-19. *Arboricultural Research and Education Academy (AREA) Newsletter*. May 2020. 15(2):6-7
- 2020 **Hilbert, D.R.**, A.K. Koeser, B.L. Moffis, J.G. Rowell, and D.C. McLean. 2020. How Much Space Does My Shade Tree Need? Planting Space Recommendations for Medium and Large Trees in Florida Cities. UF/IFAS Extension.
- 2020 **Hilbert, D.R.**, A.K. Koeser, R.J. Northrop. 2020. Urban Tree Selection for Diversity. UF/IFAS Extension.
- 2020 McLean, D.C., A.K. Koeser, **D.R. Hilbert**, S. Landry, A. Abd-Elrahman, M. Lusk, M. Andreu, and R. Northrop. 2020. Florida's Urban Forest: A Valuation of Benefits. UF/IFAS Extension.
- 2019 McLean, D.C., A.K. Koeser, **D.R. Hilbert**, and L.A. Roman. March 2019. Preserving Florida's Past: Heritage Tree Ordinances. *Urban Tree Growth & Longevity (UTGL) Newsletter*.
- 2019 **Hilbert, D.R.**, L.A. Roman, A.K. Koeser, J. Vogt, and N.S. van Doorn. March 2019. Urban Tree Mortality: What the Literature Shows Us. *Arborist News*. 28(5):22-26.
- 2019 McLean, D.C., A.K. Koeser, **D.R. Hilbert**, and L.A. Roman. March 2019. Preserving Florida's Past: Heritage Tree Ordinances. *Urban Tree Growth & Longevity (UTGL) Newsletter*.
- 2019 **Hilbert, D.R.**, R.W. Klein, A.K. Koeser, R.J. Hauer. 2019. 15 Years of TREE Fund Research Grant Program. *Arborist News*. 28(6):32-35.
- 2018 Gilman, E.F., D.G. Watson, R.W. Klein, A.K. Koeser, **D.R. Hilbert**, and D.C. McLean. Southern Trees Fact Sheets. **Edited 136 tree factsheets:** https://edis.ifas.ufl.edu/department_envhort-trees

Research Reports and Management Plans

- 2021 Koeser, A.K., G. Hansen, H. Thorn, D.R. Hilbert, C. Artzner, and M. Laferrier. 2021. *Hillsborough County Parks Tree Management Plan: Risk Mitigation and Strategic Planting*. University of Florida IFAS/Extension, Wimauma, Florida. 45 pp.
- 2019 Blair, S. D.C. McLean, **D.R. Hilbert**, A.K. Koeser, E.F. Gilman, and B. Kempf. 2019. *A Guide for Tree and Palm Maintenance Along Florida Roadsides*. University of Florida IFAS/Extension, Wimauma, Florida 103 pp.
- 2018 Landry S., Koeser, A., Northrop, R., McLean, D., Donovan, G., Andreu, M. & **Hilbert, D.** 2016 *City of Tampa Tree Canopy and Urban Forest Analysis*. Tampa, FL: City of Tampa, Florida, March 2018. 86 pp.

GRANTS FUNDED

- 2022-2023 Factors Affecting the Size and Distribution of Urban Tree Canopies: What the Literature Shows. PI: **D.R. Hilbert**; Co-PI: R.J. Hauer, A.K. Koeser, E. Clymire-Stern. International Society of Arboriculture Science and Research Committee. USD\$5,000.
- 2021-2022 Increasing Resiliency through Greater Tree Diversity – SCRI Planning Grant Proposal. PI: G.L. Thompson. Co-PI: A.K. Koeser, A. Bayer, B. Campbell, M. Clarke, R. Contrera, A. Kaufman, E. North, R. Stewart. Collaborator: **D.R. Hilbert**, L. Brewer. USDA Specialty Crop Research Initiative. USD\$49,958.
- 2021 Determining the Role of Municipal Maintenance & Management Practices on Urban Trees Canopy. PI: **D.R. Hilbert**; Co-PI: R.J. Hauer, A.K. Koeser. The Nature Conservancy. USD\$20,000.
- 2021 Greening Development: Curbing Urban Tree Canopy Loss and Increasing Green Infrastructure Adoption through Incentives. Koeser, A.K., M.K. Clarke, **D.R. Hilbert**, M. Lusk, L. Roman, L. Warner, and Elise Willis. 2021. Center for Landscape Use Efficiency Faculty Enhancement Program. USD\$25,575.
- 2020-2021 Determining Minimum Planting Widths for the Small-Stature Trees in Compact Developments. PI: A.K. Koeser; Co-PI: **D.R. Hilbert and D.C. McLean**. Florida Nursery, Growers & Landscape Association (FNGLA) Endowed Research Fund Project Enhancement Award. USD\$5,000.
- 2020 Improving Urban Forest Diversity in Florida. **Hilbert, D.R.**, and A.K. Koeser. Center for Land Use Efficiency Graduate Student Support. US\$27,625.
- 2019 Tree Preservation Ordinances in the State of Florida – How does Policy Impact Canopy Coverage? A.K. Koeser, D.C. McLean and **D.R. Hilbert**. Florida Nursery, Growers & Landscape Association (FNGLA) Endowed Research Fund Project Enhancement Award. USD\$5,000.
- 2019 Wisconsin’s Urban Tree Canopy Cover: Estimation Methods and the Influence of Urban and Community Forestry Program Characteristics and Land Use. R.J. Hauer, **Hilbert, D.R.**, A.K. Koeser, and L. Lorentz. USDA NIFA McIntire-Stennis Capacity Grant. USD\$122,431

- 2018-2019 Determining Root Space Requirements for Florida Street Trees. A.K. Koeser, **D.R. Hilbert**. Florida Nursery, Growers & Landscape Association (FNGLA) Endowed Research Fund Project Enhancement Award. USD\$5,000.
- 2016-2019 Comprehensive Literature Review of Urban Tree Mortality: Factors Influencing Mortality and Implications for Population Models. PI: Roman, L.A. and A.K. Koeser; Co-PI: J.M. Vogt, N.S. van Doorn, and **D.R. Hilbert**. International Society of Arboriculture Science and Research Committee. USD\$5,000.

PRESENTATIONS

Invited Talks

- 2022 Where the Root Meets the Road: Preventing Tree Root Damage to Hardscaping. Webinar by University of Florida IFAS and FL APA. April 7, 2022.
- 2022 Urban Tree Species Diversity. Eckerd College TriBeta guest lecture. Eckerd College, St. Petersburg, FL. March 31, 2022.
- 2021 Advanced Tree Risk Assessment. Workshop by FL Chapter ISA. Guest Instructor for a lecture and several demonstrations. November 30 and December 2, 2021.
- 2021 Building Urban Forest Resilience with Diverse Trees and Stakeholders. 2-Part Webinar by University of Florida IFAS & Arboricultural Association. November 10 and 17, 2021.
- 2021 Improving Tree Diversity to Limit the Invasion of Pests and Diseases. Webinar by University of Florida IFAS, FPMA, and FNGLA. November 9, 2021.
- 2021 Choosing the Tree Less Planted. City of Asheville Tree Protection Task Force. Virtual. August 30, 2021.
- 2021 Our Role in the Urban Forest Ecosystem. Women in Arboriculture Breakfast. Trees Florida 2021. Florida ISA Chapter Conference. June 9, 2021.
- 2021 How Much Space Does My Street Tree Need? Minnesota Shade Tree Advisory Committee (Mn STAC) Monthly Forum. Virtual. March 18, 2021.
- 2020 Designing Urban Rights-of-Way to Prevent Damage from Tree Roots. Webinar by University of Florida IFAS & Arboricultural Association. Co-presented with Robert Northrop. August 25, 2020.
- 2020 How can we best achieve tree establishment rather than just tree planting? Arborists' Question Time, Arboricultural Association. Webinar panel with R.B. Walls and K. Sacre. July 1, 2020.
- 2020 Choosing the Tree Less Planted. Orange County Master Gardener Lunch and Learn. UF/IFAS Extension. Orlando, FL. February 12, 2020.
- 2019 Our Place in the Urban Forest Ecosystem. Eckerd College guest lecture. Eckerd College, St. Petersburg, FL. August 16, 2019.
- 2019 Native Plants for Sustainable Landscapes. Annual Lakes and Ponds Education Day program by Pinellas County UF/IFAS Extension. Largo, FL. April 27, 2019.
- 2018 Identification of Palm Hammock Trees. Eckerd College guest lecture. Eckerd College, St. Petersburg, FL. August 21, 2018.
- 2018 Mangrove Forests of Tampa Bay – Guided Kayak Tour. Natural Disaster Preparation and Response Conference by Florida Urban Forestry Council and the

- UF/IFAS Gulf Coast Research and Education Center, Wimauma, FL. February 5, 2018.
- 2017 The Best Central and South Florida Trees and Their Use in Florida Landscapes. Practical Tree ID: An Indoor-Outdoor Seminar by Florida Chapter ISA. Largo, FL. September 29, 2017.
- 2017 Pruning: Philosophy and Techniques. Eckerd College guest workshop. Eckerd College Campus Garden, St. Petersburg, FL. August 17, 2017.
- 2017 Tree Identification: How to Use a Dichotomous Key. 7th Annual Roots to Shoots program by Pinellas County UF/IFAS Extension. Largo, FL. January 20, 2017.
- 2015 Citizen Science at Nature's Academy. GCOOS Outreach and Education Council Meeting. New Orleans, LA. August 11, 2015.
- 2014 What are Leaves? Special Guest Teacher Series. Shorecrest Preparatory School, Pre-K. St. Petersburg, FL. February 12, 2014.

Professional Meetings

- 2022 **Hilbert, D.R.**, A.K. Koeser, M. Andreu, G. Hansen, R. Northrop, L. Roman, and M. Thetford, M. Clarke. Expanding Tree Species Availability: Insights from Green Industry Professionals. 2022 Urban Forestry Institute. Annual Conference of the Florida Urban Forestry Council. Virtual.
- 2021 **Hilbert, D.R.**, A.K. Koeser, M. Andreu, G. Hansen, R. Northrop, L. Roman, and M. Thetford. Expanding Florida Tree Species Availability: A Chicken and Egg Situation. 2021 ISA Virtual Conference. Virtual.
- 2021 **Hilbert, D.R.**, E.A. North, R.J. Hauer, A.K. Koeser, D.C. McLean, R.J. Northrop, M. Andreu, S. Parbs. Preventing Tree Damage to Hardscape: New Planting Width Recommendations. 2021 Urban Forestry Institute. Annual Conference of the Florida Urban Forestry Council. Virtual.
- 2021 Catania, M., M. Cusic, **D.R. Hilbert**, M. Collins, D.M. Miraval, S. Worth. Save Urban Trees: A Panel Discussion on Urban Tree Growth and Longevity. 2021 Illinois & Wisconsin Landscape Show. Virtual.
- 2020 **Hilbert, D.R.**, A.K. Koeser, M. Andreu, G. Hansen, R. Northrop, L. Roman, and M. Thetford. Collaborating to Increase Urban Tree Diversity. Poster Presentation. 2020 International Society of Arboriculture Annual Conference and Trade Show.
- 2019 **Hilbert, D.R.**, A.K. Koeser, Urban Tree Canopies in Florida: A Case for Tree Protection Ordinances. 2019 Trees Matter Presents: Green Cities Summit. Washington, D.C.
- 2019 Roman, L.A., J. Lubar, J. O'Neill, and **D.R. Hilbert**. Tree Preservation: Policy, Practice and Research. Panel. 2019 International Society of Arboriculture Annual Conference and Trade Show. Knoxville, TN.
- 2019 **Hilbert, D.R.**, L.A. Roman, A.K. Koeser, J.M. Vogt, and N.S. van Doorn. The Dynamics of Urban Tree Death. 2019 International Society of Arboriculture Annual Conference and Trade Show. Knoxville, TN.
- 2019 **Hilbert, D.R.**, A.K. Koeser, M. Andreu, G. Hansen, R. Northrop, and L. Roman.

- Teaming Up to Select Tough Urban Trees. Poster Presentation. 2019 UF/IFAS Center for Landscape Conservation and Ecology Urban Landscape Summit. Gainesville, FL.
- 2018 **Hilbert, D.R.**, A.K. Koeser, M. Andreu, G. Hansen, R. Northrop, and L. Roman. Selecting underutilized trees for a changing, urbanizing Florida. Poster Presentation. 2018 International Urban Forestry Congress. Vancouver, B.C., Canada.
- 2018 **Hilbert, D.R.**, L.A. Roman, A.K. Koeser, J. Vogt, N.S. van Doorn. Urban tree mortality: A review of factors and trends. Poster Presentation. 2018 International Society of Arboriculture Annual Conference and Trade Show. Columbus, OH.
- 2018 **Hilbert, D.R.**, L.A. Roman, A.K. Koeser, J. Vogt, N.S. van Doorn. A review of factors associated with urban tree mortality and implications for population models. Poster Presentation. 2018 UF/IFAS Center for Landscape Conservation and Ecology Urban Landscape Summit. Gainesville, FL.
- 2016 **Hilbert, D.R.** Citizen Science: Using real world data to enhance STEM literacy. Oral Presentation. National Marine Educators Association Annual Conference. Orlando, FL.

CAMPUS AND DEPARTMENTAL TALKS

- 2019 **Hilbert, D.R.**, A.K. Koeser, M. Andreu, G. Hansen, R. Northrop, and L. Roman. Native Trees Show Potential for Use in Florida Urban Landscapes. 2019 Gulf Coast Research and Education Center Ag Expo. Wimauma, FL. November 21, 2019.
- 2019 **Hilbert, D.R.**, A.K. Koeser, M. Andreu, G. Hansen, R. Northrop, and L. Roman. Improving Florida's Urban Forest Diversity. Gulf Coast Postdoc & Student Association – Research Seminar Series. UF/IFAS Gulf Coast and Research Education Center. Wimauma, FL. March 19, 2019.
- 2018 **Hilbert, D.R.** Identifying underutilized tree species for a changing, urbanizing Florida. Gulf Coast Postdoc & Student Association – Research Seminar Series. UF/IFAS Gulf Coast and Research Education Center. Wimauma, FL. October 25, 2018
- 2016 **Hilbert, D.R.** and A.K. Koeser. Mystery Tree Corner. Educational program for middle school students. UF/IFAS Gulf Coast and Research Education Center. Wimauma, FL. December 14, 2016.
- 2016 **Hilbert, D.R.** and A.K. Koeser. Technology Arborists Use to Analyze Trees. Tomlin Middle School 8th grade STEM students. UF/IFAS Gulf Coast and Research Education Center. Wimauma, FL. December 2, 2016.

AWARDS & SCHOLARSHIPS

- 2020 Muriel Rumsey Foundation Scholarship, University of Florida CALS
- 2020 Orlando Garden Club Scholarship, Orlando Garden Club, FL

2020 John P. White Memorial Scholarship, FL International Society of Arboriculture
 2019 Ph.D. Poster Presentation Award, GCREC Ag Expo
 2019 Bloom and Grow Society Scholarship, Bloom and Grow Garden Society
 2019 Ph.D. Poster Presentation Award, GCREC Grad Student Research Day
 2018 John P. White Memorial Scholarship, FL International Society of Arboriculture
 2018 Travel Grant, UF Graduate Student Council
 2018 Student Travel Grant, UF Environmental Horticulture Grad Student Association
 2017 John P. White Memorial Scholarship, FL International Society of Arboriculture
 2017-2018 UF Center for Landscape Conservation & Ecology Graduate Student Scholarship
 2013 Phi Beta Kappa, Eckerd College
 2013 Eckerd College Miller Service Award
 2013 Eckerd College Excellence in Environmental Studies Award
 2013 Eckerd College Award for Academic Excellence in Biology
 2013 Eckerd College Environmental Service Award
 2013 Featured Campus Farmer, Bon Appétit Management

SERVICE TO PROFESSION

2019-2023 Executive Committee of Arboricultural Research & Education Academy, ISA
 2020-Present Reviewer. Arboriculture & Urban Forestry
 2019-Present Reviewer. Urban Forestry & Urban Greening
 2018-Present Reviewer. Forestry: An International Journal of Forest Research

SERVICE TO COMMUNITY

2022-2023 Tampa Reforestation and Environmental Effort (TREE, Inc.), Environmental Programs Director
 2021-Present St. Pete Urban Forestry Committee, member
 2021-Present Florida Urban Forestry Community of Practice, member
 2018-Present West Central Florida Urban Forest Working Group, member
 2017-2019 Central Florida Urban Forest Diversity Working Group, member

SERVICE TO UNIVERSITY

2019-2020 Officer of Marketing and Communication. GCREC Graduate Student and Postdoc Association, Executive Committee
 2019-2020 Committee member. GCREC Technology and Communication Committee
 2017-2018 Committee member. Environmental Horticulture Grad Student Association

TRAININGS AND CERTIFICATIONS

Quantified Tree Risk Assessment, QTRA, 6/2019

GIS Training, UF/IFAS Seagrant, 5/2019
Tree Risk Assessment Qualified, International Society of Arboriculture, 7/2018-7/2023
ISA Certified Arborist, International Society of Arboriculture, 3/2017-6/2020
Seeds of Success (SOS), Chicago Botanic Garden, 6/2013
Assessment, Inventory and Monitoring (AIM) Strategy, Bureau of Land Management, 7/2013

ACADEMIC TEACHING EXPERIENCE

Spring 2018 Teaching Assistant. Advanced Arboriculture. University of Florida.
Fall 2011 Teaching Assistant. Zoology. Eckerd College.

PROFESSIONAL MEMBERSHIPS

2017-Present International Society of Arboriculture
2017-Present International Society of Arboriculture, Florida Chapter
2018-Present Arboricultural Research and Education Academy
2018-Present Society of Commercial Arboriculture
2018-Present Society of Municipal Arborists
2018-Present Utility Arborist
2018-Present Florida Urban Forestry Council
2020-Present Society of American Foresters
2016-Present Florida Native Plant Society
2012-2016 Southern Appalachian Botanical Society