
Profile

View current Advisory Board and Committee openings [online](#).

Mr Russell S Adams Sr
Prefix First Name Middle Initial Last Name Suffix

gtf43560@yahoo.com
Email Address

15321 North SR-121
Street Address Suite or Apt

Gainesville FL 32653
City State Postal Code

In what city district do you live? To find your district visit: <https://tinyurl.com/yxd2kvwn> *

District 2

Mobile: (352) 575-8750
Primary Phone Alternate Phone

Primary Phone Type

Cell

Alternate Phone Type

None Selected

Consor Engineers Assistant Project Engineer
Employer Job Title

Which Boards would you like to apply for?

Tree Advisory Board: Submitted

PLEASE NOTE: You may only apply for two (2) City Advisory Boards/Committees each application cycle. A person may only be appointed to two (2) City Advisory Boards/Committees.

Question applies to Tree Advisory Board

The Tree Advisory Board has 2 openings whose terms end on 1/1/2024. City Residency Not Required

Question applies to Tree Advisory Board

Applicants to the Tree Advisory Board should have knowledge of urban forestry.

Do you claim any exemption to public record disclosure pursuant to FLA. STAT. Section 119?

Yes No

Review the text of FLA. STAT. Section 119 [HERE](#).

If yes, it is required that you submit a detailed explanation of exemption. Upload additional documentation if necessary.

Consistent with Section 2-247 of the City Code, board and committee members can be removed from the board or committee for poor attendance.

Interests & Experiences

Question applies to Tree Advisory Board

Why are you interested in serving on the Tree Advisory Board?

I have served on the board in the past and would like to continue my efforts to protect and preserve Gainesville's urban forest, promote sustainable arboriculture practices, and educate the public to the benefits of a healthy urban forest.

Question applies to Tree Advisory Board

How many terms have you served on this board or committee previously?

Two

Members of all City of Gainesville Advisory Boards and Committees must only serve two (2) consecutive terms, except for the City Plan Board, Development Review Board and Historic Preservation Board. Members of the State Housing Initiatives Partnership must only serve three (3) terms.

Question applies to Tree Advisory Board

Are you applying for a student seat?

Yes No

[Resume_Russell_Adams_TAB.docx](#)

Upload a Resume

[CV_Russell_Adams_City_of_Gainesville_TAB.docx](#)

Please upload a file

Demographics

Ethnicity

Caucasian/Non-Hispanic

Gender

Male

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

If yes, which Advisory Board/Committee?

Tree Advisory Board

Russell Adams

15321 N. State Road 121, Gainesville, FL | 352-575-8750 | gtf43560@yahoo.com

January 31, 2020

City of Gainesville Commissioners

Dear Commissioners:

Since my arrival to Gainesville in 1984, I have stayed active in this community that I call home. I've proudly contributed to the urban forest of Gainesville, Alachua County, and the State of Florida. As manager and then owner of Gainesville Tree Farm, I have propagated, grown and sold/donated hundreds of trees that now shade the lawns, streets, homes and commercial buildings of Gainesville and the surrounding areas.

Gainesville Tree Farm was one of the original vendors of the GRU-sponsored TREEmendous tree giveaway. We were also a fixture at the Native Plant Societies Sales and Kanapaha Botanical Gardens Festivals and Plant Sales. I have been affiliated with Kanapaha Botanical Gardens since 1984 and was named an honorary lifetime member of the North Florida Botanical Society in 1986.

For five years, I served as manager of the landscape division for Oasis Landscape Services of Gainesville. In this role, I was involved in constructing many of the prominent landscapes in Gainesville, including the Alachua County Downtown Library and the Hilton Hotel and Conference Center (now Doubletree). As quality control manager for the Landscape, Pest Control, and Maintenance Division of Oasis, I helped manage and maintain many properties throughout the City of Gainesville and Alachua County, most notably the Thomas Center.

During my 11 years at Gainesville-based Jones Edmunds and two years at Tampa-based Scheda Ecological Associates, I worked as a consultant to the Department of Transportation (DOT). As the first senior landscape inspector for the DOT in the State of Florida, I have been involved in the construction of virtually every landscape on the state highway system in District 2, which covers from Jacksonville to Perry, or from Hamilton County south to Marion County. These 100+ projects have varied in price and complexity from simple right-of-way and retention pond tree plantings in the \$300,000 range to large intricate BOLD landscape projects with complex irrigation systems in downtown urban areas in Jacksonville and Orlando costing several million dollars. I have also constructed projects as far south as Miami/Dade and west to Tampa. For the last 10 years, I have also been responsible for the two-year establishment phase of most landscape projects in this geographic range. This opportunity has given me invaluable experience and insight into the process of managing trees from instillation through establishment – a three-year process on most projects. This oversight requires an intimate knowledge of water management, fertilization, pest control and pruning.

As project manager for Scheda Ecological Associates, in addition to construction oversight, I was also part of the design team for the Turnpike, Districtwide Miscellaneous Landscape Architecture Services and District One, and District Two Miscellaneous Landscape Architecture Services contracts. These five-year

contracts include the entire scope of work necessary to bring a landscape project from conception through completion. During the pre-design phase, I completed the initial site analysis, soil sampling and analysis interpretation; then I made recommendations for plant selection and placement and provided constructability review. I also conducted technical maintenance specifications during the design process, as well as complete plant inspections at the nurseries.

I am currently employed at Consor Engineers as a Project Administrator. In that role as a consultant to the FDOT I oversee approximately twenty-five million dollars of landscape projects in the Fort Lauderdale, Orlando and Jacksonville areas.

In addition to my professional work, I was active on the Alachua County Horticultural Advisory Committee (ACHAC), serving as the founding president in 1991 and serving again as president in 2001. As a task force of local growers, educators and government officials, ACHAC met regularly to discuss the current trends, practices and problems of Alachua County's ever-growing agricultural community. We also look at future trends and impending government regulations to see how best to inform, educate and integrate Alachua County's agriculture into society. I have worked closely with local officials to develop local tree ordinances and regional guidelines for the planting, establishment and maintenance of trees in northern Florida.

I was also honored to be on the board for the Florida Urban Forestry Council. As a contributing member of the Florida chapter of this national organization, I was asked to serve on the executive committee. In this role, I helped with educational outreach to promote sound horticultural practices and standards designed to enhance and protect the urban forest in Florida. I then served on the FNGLA/FDOT Liaison Committee, which is a group of landscape architects, nurserymen, contractors and inspectors who meet twice per year with the FDOT to review the standards that govern the installation of all landscape projects on the federal highway system.

I have worked tirelessly and passionately over the years to educate the public about new plant species as well as proven horticultural practices including pruning, fertilization and pest control. This quest has led to paid public speaking engagements from Miami to Charleston, South Carolina. I've also appeared on more than a dozen locally produced television shows such as *The Weekend Gardener*, and I've been published in multiple industry publications. In 2015-2016 I was part of an ISA Workshop that toured the state to introduce the 2015 Revision to the Division of Plant Industry Grades and Standards for Nursery Plants.

I am proud to have served on both the Tree Advisory Board and Tree Board of Appeals from 2015-2018. In that appointment I worked with current board member and city staff to protect and promote Gainesville's urban forest, advance sound arboriculture practices, and educate the public.

If selected for the current vacancy on the board I promise to continue my advocacy for Gainesville's urban forest, and to help make Gainesville a better place to live.

Sincerely,

Russell Adams

Russell Adams

15321 N. State Road 121, Gainesville, FL | 352-575-8750 | gtf43560@yahoo.com

Background

2018-Present	Conсор Engineers (Assistant Project Manager)
2017-2018	Oasis Landscape Services (Landscape Manager)
2015-2017	Scheda Ecological Associates (Project Manager)
2004-2015	Jones Edmunds Construction Engineering Services, Inc. (Senior Landscape Inspector)
2000-2011	Montgomery Botanical Research Center (Plant collections)
1999-2004	Oasis Landscape Services (Manager)
1993-1994	Holbrook Travel Inc. (Tour Leader)
1988-Present	Gainesville Tree Farm (Owner)
1984-1987	Gainesville Tree Farm (Manager)
1983	Washington Oaks State Garden (Horticulturist)
1982-1983	Baby's Breath Nursery (Sales)
1981-1982	Classic Nurseries (Landscape Labor)
1978-1980	Cofers Home and Garden Center (Sales)

Areas of Specialization

- Landscape Inspection
- BOLD Landscaping
- Project Management
- Landscape Installation
- Landscape Establishment Period
- Landscape Design
- Plant Production
- Contract Management and Development
- Urban Forestry
- Plant Propagation

Training and Certifications

- ISA Certified Trainer for Grades and Standards, 2015
- ISA Certified Arborist
- ISA Tree Risk Assessment Qualification
- Florida Storm Water, Erosion, Sedimentation Control
- Advanced Training Florida Grades and Standards
- FDEP Green Industry-BMP Certification
- Senior Landscape Inspector

Education

Bachelor of Science | 1988 | University of Florida

- Major: Environmental Horticulture

- Gamma Sigma Delta Honors Society

Publications and Presentations

- Jody L. Haynes, Loran M. Whitlock, Bart Schutzmzn, Russell Adams 2008. A New Endemic Ceratozamia from Honduras *The Cycad Newsletter* 31 (2/3):16-21 June/September
- Bart Schutzmzn, Russell Adams, Jody L. Haynes Loran M. Whitlock 2008. A New Endemic Zamia from Honduras *The Cycad Newsletter* 31 (2/3):21/26 June/September.
- Bart Schutzmzn, Andrew Vovides, et Russell Adams 2004. Validation of the Name *Zamia elegantissima* Bol. Soc. Bot. Mex.74: 97 137-145
- Adams, R.S.2002 Panamanian Paradise Revisited *The Cycad Newsletter* 25(1):7-9
- Bart Schutzmzn, Andrew Vovides, et Russell Adams. 1999 A New Zamia from Central Panama *Phytologia* 85: 137-145
- Adams R.S.1999. Propagation and cultivation of selected gingers in the subtropics. *Journal of International Plant Propagators*
- Florida Grades and Standards for Palms: Russell Adams participated in several presentations to industry representatives regarding the new grades and standards he helped to develop and part of a committee.
- Regenerated Sabal Palms: Russell Adams, with the assistance of Griffin's Tree Farm, conducted a one-day seminar regarding the new grading standards, wild harvest of Sabals, and regeneration of Sabals. Palms for Landscape Architects, Nurserymen, Division of Plant Industry Staff, FDOT Staff.
- Propagation and cultivation of selected gingers in North Florida: Russell Adams presented at the 111th Annual Meeting of the Florida State Horticultural Society, St. Petersburg, FL

Additional Professional Affiliations & Certifications

- International Society of Arboriculture Certified Arborist and
- International Society of Arboriculture TRAQ (Tree Risk Assessment Qualified)
- Florida Urban Forestry Council Executive Committee Member
- City of Gainesville Tree Advisory – Board Member 2015-2018
- City of Gainesville Tree Board of Appeals– Board Member 2015-2018
- FNGLA/FDOT Liaison Committee

Profile

View current Advisory Board and Committee openings [online](#).

Mr. Ryan Klein
Prefix First Name Middle Initial Last Name Suffix

ryanwklein@ufl.edu
Email Address

812 SE 4TH AVE
Street Address Suite or Apt

GAINESVILLE FL 32601
City State Postal Code

In what city district do you live? To find your district visit: <https://tinyurl.com/yxd2kvwn> *

District 1

Home: (352) 284-1861
Primary Phone Alternate Phone

Primary Phone Type

Cell

Alternate Phone Type

None Selected

University of Florida Assistant Professor of
Employer Job Title
Arboriculture

Which Boards would you like to apply for?

Tree Advisory Board: Submitted

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Question applies to Tree Advisory Board

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Do you claim any exemption to public record disclosure pursuant to FLA. STAT. Section 119?

Yes No

Review the text of FLA. STAT. Section 119 [HERE](#).

If yes, it is required that you submit a detailed explanation of exemption. Upload additional documentation if necessary.

NA

Consistent with Section 2-247 of the City Code, board and committee members can be removed from the board or committee for poor attendance.

Interests & Experiences

Question applies to Tree Advisory Board

Why are you interested in serving on the Tree Advisory Board?

Beyond my love of trees which drove me to pursue my PhD in Environmental Horticulture (focus on Arboriculture), I have been a resident of Gainesville for about six years and I take pride in our urban forest. I want to give back to the community and work with the rest of the board to make decisions that support the cities urban forest initiatives and uphold public health and safety. Having previously been on the board as the student member, I know the value the board brings to the community and the important decisions that they are tasked to make. In addition to being a faculty member at the University of Florida, I have 12 years of experience in the nursery and tree care industry and have filled many different roles beginning as a laborer all the way up to management. As recognition of my understanding of tree health, tree care, and urban forestry, I sought out and received my International Society of Arboriculture (ISA) Arborist Certification, Massachusetts Arborist Certification, Quantified Tree Risk Assessment (QTRA) Certification, and ISA Tree Risk Assessment Qualification (TRAQ). Currently, I am the Vice President of the Arboricultural Research and Education Academy (AREA) and a sitting member of the Florida Chapter of the International Society of Arboriculture (ISA) Educational Board. I feel that my dedication to urban forestry and arboriculture education as well as my wide range of past experiences in academic and industry positions make me an asset to both the Tree Advisory Board and the community. Thank you for your consideration.

Question applies to Tree Advisory Board

How many terms have you served on this board or committee previously?

1 - Student Member

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Question applies to Tree Advisory Board

Are you applying for a student seat?

Yes No

[Ryan Klein - CV 2020.pdf](#)

Upload a Resume

Mr. Ryan Klein

Please upload a file

Demographics

Ethnicity

Caucasian/Non-Hispanic

Gender

Male

Are you a City of Gainesville Employee?

Yes No

Are you a City of Gainesville Intern?

Yes No

Are you currently on a City Advisory Board/Committee?

Yes No

If yes, which Advisory Board/Committee?

NA

RYAN KLEIN

812 SE 4th Avenue | Gainesville, FL 32601 | 352-284-1861 | ryanwklein@ufl.edu

EDUCATION

University of Florida (Ph.D., Summer 2020)

- Major: Environmental Horticulture

University of Florida (M.S., Summer 2016)

- Major: Environmental Horticulture with a minor in Urban Planning/ Natural Resource Policy and Economics

Western Illinois University (B.A., Spring 2014)

- Major: Anthropology with a minor in Urban Forestry

Columbia College Chicago (B.A., Winter 2008)

- Major: Business & Entrepreneurship
-

EXPERIENCE

2020-Present Assistant Professor of Arboriculture, University of Florida

- Arboricultural research, extension, and teaching

2020 (Spring) Tree Maintenance Training Session, Florida Department of Transportation (FDOT), Miami, Florida

- Instructed 60 FDOT employees on proper tree and palm maintenance (i.e. pruning, planting, and prevention of damage)

2020 (Spring) Arboriculture Instructor, University of Florida

- Developed lectures, assignments, and labs for undergraduate/graduate course (estimated 15-20 students)
- Responsible for presenting students with course material and grading assignments
- Secured 6-7 guest lectures from various walks of the tree care industry to present students with possible career options currently available

2018 (Fall) Tree Risk Assessment Workshop, Wisconsin Arborist Association Fall Conference

- Instructed three separate one-hour sessions with groups of 30-40 tree care professionals on basic level 2 tree risk assessments
- Highlighted the importance of target occupancy and consequences of failure as related to commonly used tree risk assessment methods

2018 (Summer) Arboricultural Consultant, Unified Building Sciences

- Created working tree inventories for roughly 30 mobile home parks across Florida
- Advised on arboricultural issues that were the result of Hurricane Irma

2018 (Summer) Research Assistant/Crew Leader, University of Florida

- Assessed approximately 60 i-Tree plots for canopy loss following Hurricane Irma
- Managed a crew of three in collecting tree risk assessment data

2018 (Spring) Teaching Assistant, Arboriculture, University of Florida

- Evaluated homework and corresponded with students on issues related to assignments
- Assisted professor in demonstrating arboricultural techniques during class field day

2017-2020 Research Assistant, University of Florida

- Manage multiple research projects and write articles pertaining to urban tree risk assessment

2016-2017 Branch Manager, SavATree

- Oversaw the general operations of a \$1.7 million branch for a high-end lawn care and tree maintenance company
- Managed a team of 10 employees (field crews, sales arborists, and administrative staff)

- Ensured that equipment was maintained and in compliance with state laws, ordered needed product and equipment, customer service, conducted reviews, interviews, and disciplinary actions
 - Responsible for a \$350,000 sales territory and in charge of roughly \$1.7 million in total branch sales
 - In charge of leading weekly safety, plant health care, lawn, and sales meetings
- 2016 (Spring) Teaching Assistant, Sensory Gardening, University of Florida
- Assisted with a variety of labs related to horticulture and human senses
 - Chaperoned students to the Tropical Plant International Expo in Fort Lauderdale
- 2014-2016 Research Assistant, University of Florida
- Managed multiple research projects and authored several articles pertaining to urban tree risk assessment
- 2014 (Spring) Chainsaw Safety Training, Western Illinois University
- Instructed undergraduate classes on chain saw safety, proper use, and appropriate personal protective equipment
- 2005-2014 Foreman, Wilson Landscaping & Nursery
- Planted, maintained, and harvested nursery stock
 - Specialized in construction of patios, ponds and retaining walls
 - Operated all heavy equipment/plowed snow during the winter months
- 2008-2010 Commercial Truck Driver, Miltran, Inc.
- Managed regular delivery of dairy products in Illinois
 - Maintained multiple certifications required to operate commercial-sized trucks
- 2004-2005 Ground Crew, A-Plus Tree Service
- Chipped brush, operated a chainsaw, ground stumps

CERTIFICATIONS

- 2019-Present International Society of Arboriculture (ISA) Tree Risk Assessment Qualification (TRAQ)
- 2019-Present Quantified Tree Risk Assessment (QTRA) Certified
- 2017-Present Massachusetts Certified Arborist
- 2017-2018 Massachusetts Pesticide Applicators Certification/License
- 2015-Present Certified Arborist, International Society of Arboriculture (ISA)

PEER-REVIEWED PUBLICATIONS

- Klein, R.W.**, Dutton, C.L., and A.K. Koeser. (Submitted). Development of a low-cost traffic counter for assessing likelihood of impact for tree risk assessment. *Arboricultural Journal*.
- Klein, R.W.**, Koeser, A.K., Hansen, G., Warner, L., Dale, A., and J. Watt. (Submitted). Professional Expertise and its Role in Risk Assessment. *Arboriculture & Urban Forestry*.
- Klein, R.W.**, Koeser, A.K., Hauer, R.J., Miesbauer, J.W., Hansen, G., Warner, L., Dale, A., and J. Watt. (Submitted). Visual Estimation Accuracy of Tree Part Diameter and Fall Distance. *Journal of Forestry*.
- Koeser, A.K., Smiley, E.T., Hauer, R.J., Kane, B., **Klein, R.W.**, Landry, S.M., and M. Sherwood. 2020. Can Professionals Gauge Likelihood of Failure? - Insights from Tropical Storm Matthew. *Urban Forestry & Urban Greening*. 52:126701.
- Klein, R.W.**, Koeser, A.K., Kane, B., Landry, S.M., Shields, H., Lloyd, S., and G. Hansen. 2020. Evaluating the Likelihood of Tree Failure in Naples, Florida (United States) Following Hurricane Irma. *Forests*. 11(5):485.
- Klein, R.W.**, Hauer, R.J., Koeser, A.K., and B. Bleicher. 2019. Impacts of Wire Basket Retention and Removal on *Fraxinus americana* 'Autumn Purple' Growth Nine Years After Transplanting. *Arboriculture & Urban Forestry*. 45(3):79-84.
- Klein, R.W.**, Koeser, A.K., Hansen, G., and F. Escobedo. 2019. Risk Assessment and Risk Perception of Trees: A Review of Literature Relating to Arboriculture and Urban Forestry. *Arboriculture & Urban Forestry*. 45(1):23-33.
- Koeser, A.K., Hauer, R.J., **Klein, R.W.**, and J.W. Miesbauer. 2017. Assessment of Likelihood of Failure Using Limited Visual, Basic, and Advanced Assessment Techniques. *Urban Forestry & Urban Greening*. 1(24):71-9.

- Klein, R.W.**, Koeser, A.K., Hauer, R.J., Hansen, G., and F. Escobedo. 2016. Relationship between Perceived and Actual Occupancy Rates in Urban Settings. *Urban Forestry & Urban Greening*. 1(19):194-201.
- Koeser, A.K., **Klein, R.W.**, Hasing, G., and R.J. Northrop. 2015. Factors driving professional and public urban tree risk perception. *Urban Forestry & Urban Greening*. 14(4):968-974.
-

EXTENSION (EDIS) PUBLICATIONS

- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Acacia auriculiformis*: Earleaf acacia. Southern Trees Fact Sheets. ENH163. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st004>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Acer floridanum*: Florida maple. Southern Trees Fact Sheets. ENH166. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st007>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Acer negundo*: Boxelder. Southern Trees Fact Sheets. ENH180. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <https://edis.ifas.ufl.edu/st020>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Acer rubrum*: Red maple. Southern Trees Fact Sheets. ENH200. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st041>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Acer saccharinum*: Silver maple. Southern Trees Fact Sheets. ENH207. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st048>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Aesculus pavia*: Red buckeye. Southern Trees Fact Sheets. FP294. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <https://edis.ifas.ufl.edu/st064>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Araucaria heterophylla*: Norfolk Island-pine. Southern Trees Fact Sheets. ENH242. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st083>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Baccharis halimifolia*: Saltbush. Shrubs Sheets. FPS58. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp058>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Bauhinia variegata*: Orchid tree. Southern Trees Fact Sheets. ENH251. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <https://edis.ifas.ufl.edu/st092>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Beaucarnea recurvata*: Ponytail palm. Southern Trees Fact Sheets. ENH252. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st093>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Betula nigra*: River birch. Southern Trees Fact Sheets. ENH253. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st094>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Bischofia javanica*: Bishopwood. Southern Trees Fact Sheets. ENH259. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st100>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Bursera simaruba*: Gumbo limbo. Southern Trees Fact Sheets. ENH263. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st104>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Caesalpinia granadillo*: Bridalveil tree. Southern Trees Fact Sheets. ENH265. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. (<http://edis.ifas.ufl.edu/st106>)

- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Callistemon viminalis*: Weeping Bottlebrush. Southern Trees Fact Sheets. ENH270 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st111>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Canella winterana*: Cinnamon bark. Shrubs Fact Sheets. FPS101. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <https://edis.ifas.ufl.edu/fp101>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Carica papaya*: Papaya. Shrubs Fact Sheets. FPS106. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp106>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Carpinus caroliniana*: American hornbeam. Southern Trees Fact Sheets. ENH279. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st120>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Carya glabra*: Pignut hickory. Southern Trees Fact Sheets. ENH280. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st121>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Carya illinoensis*: Pecan. Southern Trees Fact Sheets. ENH281. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st122>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Caryota mitis*: Fishtail palm. Southern Trees Fact Sheets. ENH283. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st124>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Cassia fistula*: Golden shower. Southern Trees Fact Sheets. ENH286. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st127>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Casuarina* spp.: Australian-pine. Southern Trees Fact Sheets. ENH288. Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st129>
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- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Pongamia pinnata*: Pongam. Southern Trees Fact Sheets. ENH657 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st498>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Prunus angustifolia*: Chickasaw plum. Southern Trees Fact Sheets. ENH663 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st504>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Prunus caroliniana*: Cherry-laurel. Southern Trees Fact Sheets. ENH664 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st505>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Prunus serotina*: Black cherry. Southern Trees Fact Sheets. ENH675 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st516>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Psidium cattleianum*: Strawberry guava. Southern Trees Fact Sheets. ENH687 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st529>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Pyrus calleryana* 'Bradford': 'Bradford' callery pear. Southern Trees Fact Sheets. ENH695 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st537>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Quercus alba*: White oak. Southern Trees Fact Sheets. ENH699 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st541>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Quercus austrina*: Bluff oak. Southern Trees Fact Sheets. ENH700 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st542>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Quercus falcata*: Southern red oak. Southern Trees Fact Sheets. ENH704 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st546>
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- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Quercus nigra*: Water oak. Southern Trees Fact Sheets. ENH711 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st553>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Quercus shumardii*: Shumard oak. Southern Trees Fact Sheets. ENH719 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st561>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Quercus virginiana*: Southern live oak. Southern Trees Fact Sheets. ENH722 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st564>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Ravenala madagascariensis*: Traveler's-tree. Southern Trees Fact Sheets. ENH723 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st565>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Rhizophora mangle*: Red mangrove. Shrubs Fact Sheets. FPS502 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp502>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Salix babylonica*: Weeping willow. Southern Trees Fact Sheets. ENH734 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st576>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Sambucus nigra* ssp. canadensis: Elderberry. Southern Trees Fact Sheets. ENH736 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st578>

- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Schefflera actinophylla*: Schefflera. Southern Trees Fact Sheets. ENH743 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st585>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Simarouba glauca*: Paradise-tree. Southern Trees Fact Sheets. ENH748 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st590>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Spathodea campanulata*: African tuliptree. Southern Trees Fact Sheets. ENH758 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st600>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Sphaeropteris cooperi*: Australian tree fern. Shrub Fact Sheets. FPS557 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp557>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Swietenia mahagoni*: Mahogany. Southern Trees Fact Sheets. ENH766 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st608>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Tabebuia chrysostricha*: Golden Trumpet Tree. Southern Trees Fact Sheets. ENH772 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st614>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Tabebuia heterophylla*: Pink trumpet tree. Southern Trees Fact Sheets. ENH774 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <https://edis.ifas.ufl.edu/st616>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Tamarindus indica*: Tamarind. Southern Trees Fact Sheets. ENH776 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st618>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Taxodium ascendens*: Pondcypress. Southern Trees Fact Sheets. ENH777 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st619>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Taxodium distichum*: Baldcypress. Southern Trees Fact Sheets. ENH778 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st620>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Tecoma stans*: Yellow elder. Southern Trees Fact Sheets. ENH783 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st625>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Terminalia buceras*: Black olive. Southern Trees Fact Sheets. ENH261 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st102>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Terminalia catappa*: West Indian almond. Southern Trees Fact Sheets. ENH784 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st626>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Thrinax morrisii*: Key Thatch Palm. Southern Trees Fact Sheets. ENH786 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st628>
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- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Triadica sebifera*: Chinese tallow tree. Southern Trees Fact Sheets. ENH741 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st583>
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- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Ulmus americana*: American elm. Southern Trees Fact Sheets. ENH806 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st649>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Ulmus parvifolia*: Chinese elm. Southern Trees Fact Sheets. ENH809 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st652>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Vachellia farnesiana*: Sweet acacia. Southern Trees Fact Sheets. ENH164 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st005>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Viburnum obovatum*: Walter's viburnum. Shrubs Fact Sheets. FPS604 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp604>
- Gilman, E.F., Watson, D.G., **Klein, R.W.**, Koeser, A.K., Hilbert, D.R., and D.C. Mclean. 2018. *Viburnum odoratissimum* var. *awabuki*: Awabuki sweet viburnum. Southern Trees Fact Sheets. ENH817 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/st660>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Abelia x grandiflora*: Glossy Abelia. Shrubs Fact Sheets. FPS001 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp001>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Abelia x grandiflora* 'Edward Goucher': Edward Goucher Glossy Abelia. . Shrubs Fact Sheets. FPS002 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp002>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Abelia x grandiflora* 'Sherwoodii': Sherwoodii Glossy Abelia. . Shrubs Fact Sheets. FPS003 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp003>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Acalypha hispida*: Chenille Plant. . Shrubs Fact Sheets. FPS004 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp004>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Acalypha pendula*: Dwarf Chenille Plant. . Shrubs Fact Sheets. FPS005 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp005>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Acalypha amentacea* subsp. *wilkesiana*: Copperleaf. . Shrubs Fact Sheets. FPS006 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp006>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Acer japonicum* 'Vitifolium': Vitifolium Fullmoon Maple. . Shrubs Fact Sheets. FPS008 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp008>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Acer palmatum* 'Bloodgood': Bloodgood Japanese Maple. Shrubs Fact Sheets. FPS009 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp009>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Adiantum* spp.: Maidenhair Fern. . Shrubs Fact Sheets. FPS013 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp013>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Aechmea blanchetiana*: Bromeliad. . Shrubs Fact Sheets. FPS014 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp014>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Aechmea distichantha*: Bromeliad. . Shrubs Fact Sheets. FPS015 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp015>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Aechmea fasciata*: Silver Vase. . Shrubs Fact Sheets. FPS016 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp016>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Aesculus parviflora*: Bottlebrush Buckeye. Shrubs Fact Sheets. FPS17 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp017>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Agapanthus orientalis*: Agapanthus, African Lily, Lily of the Nile. Shrubs Fact Sheets. FPS18 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp018>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Agave americana* 'Marginata': Variegated Century Plant. Shrubs Fact Sheets. FPS20 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp020>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Agave angustifolia*: Century Plant, Variegated Caribbean Agave. Shrubs Fact Sheets. FPS21 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp021>

- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Agave attenuate*: Spineless Century Plant. Shrubs Fact Sheets. FPS22 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp022>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Aglaonema modestum*: Chinese Evergreen. FPS25 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp025>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Ajuga reptans*: Common Bugle, Bugleweed, Carpet Bugleweed. FPS26 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp026>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Allamanda bolivianensis*: Bolivian Allamanda. FPS28 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp028>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Allamanda violacea*: Purple Allamanda. FPS32 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp032>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Alocasia* spp.: Elephant's Ear. FPS33 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp033>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Ananas comosus*: Pineapple. FPS039 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp039>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Ananas comosus* 'Variegatus': Variegated Pineapple. FPS41 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp041>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Anthurium andraeanum*: Tailflower, Flamingo Flower. FPS42 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp042>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Antirrhinum majus*: Snapdragon. FPS44 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp044>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Aptenia cordifolia*: Baby Sunrose. FPS47 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp047>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Ardisia escallonioides*: Marlberry. FPS48 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp048>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Asclepias curassavica*: Butterfly Weed, Milkweed, Silkweed. FPS49 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp049>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Asclepias tuberosa*: Butterflyweed, Indian Paintbrush. Shrubs Fact Sheets. FPS050 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp050>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Asparagus densiflorus* 'Sprengeri': Sprengeri Asparagus Fern. Shrubs Fact Sheets. FPS051 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp051>
- Gilman, E.F., **Klein, R.W.**, and G. Hansen. 2018. *Asparagus densiflorus* 'Myers': Myers Asparagus Fern. Shrubs Fact Sheets. FPS52 Gainesville: University of Florida, Institute of Food and Agricultural Sciences. <http://edis.ifas.ufl.edu/fp052>

TRADE PUBLICATIONS

- Hilbert, D.R., **Klein, R.W.**, Koeser, A.K., Hauer, R.J., and McLean, D.C. 2019. 15 Years of TREE Fund Research Grant Program. *Arborist News*. 28(6):32-35.

INVITED PRESENTATIONS

- 2020 **Klein, R.W.**, Koeser, A.K., Hauer, R.J., Miesbauer, J.W., Hansen, G., Warner, L., Dale, A., and J. Watt. (Accepted). Professionalism and the Assessment of Consequences of Tree Failure. International Society of Arboriculture International Conference: AREA Student Presentation. Virtual, December 15-17, 2020.

- 2020 **Klein, R.W.** Selecting Hurricane Resilient Trees for the Urban Landscape. City of Gainesville Urban Forestry Workshop Webinar. Virtual, December 4, 2020.
- 2020 **Klein, R.W.**, Koeser, A.K., Shields, H., Lloyd, S., Hansen, G., Kane, B., and Landry, S. Evaluating the Likelihood of Tree Failure in Naples Florida Following Hurricane Irma. IUFRO 2020 Wind and Trees Conference. Rotorua, New Zealand, February 24-28, 2020.
- 2020 **Klein, R.W.** and Koeser, A.K. Poster (Accepted): Assessing Tree Failures in Severe Winds – Implications for Crown Defects. International Urban Trees Research Conference – Trees, People and the Built Environment 4. Birmingham, United Kingdom, April 22-23, 2020.
- 2019 **Klein, R.W.**, Koeser, A.K., Shields, H., and S. Lloyd. Poster: Evaluating the Likelihood of Tree Failure in Naples Florida Following Hurricane Irma. The 53rd Arboricultural Association National Amenity Conference: Crown & Canopy Management. Exeter, United Kingdom, September 8-11, 2019.
- 2019 **Klein, R.W.**, Koeser, A.K., Hauer, R.J., and J.W. Miesbauer. Poster: Gauging Arborists’ Ability to Assess the Consequences of Tree Failure. International Society of Arboriculture International Conference. Knoxville, Tennessee, August 11-14, 2019.
- 2019 **Klein, R.W.** Low Cost-Tech and No Tech Solutions for Assessing Likelihood of Impact for Tree Risk Assessment. University of Florida, FOR 4090c Urban Forestry: Guest lecturer. Gainesville, Florida, March 26, 2019.
- 2018 **Klein, R.W.** and Koeser, A.K. (Keynote Speaker) Tree Planting BMP’s and the Impacts of Wire Basket Removal on Tree Survival and Stability. Wisconsin Arborist Association Fall Conference. West Bend, Wisconsin, November 1, 2018.
- 2018 **Klein, R.W.** and Koeser, A.K. Professional Landscape Management School. Remove or Retain? Impacts of Wire Basket Removal on Tree Survival and Stability. University of Southern Indiana. Evansville, Indiana, January 25, 2018.
- 2016 **Klein, R.W.**, Koeser, A.K., Hauer, R.J., Hansen, G., and F. Escobedo. (Accepted). Relationship between Perceived and Actual Occupancy Rates in Urban Settings. . International Society of Arboriculture International Conference: AREA Student Presentation. Fort Worth, Texas, August 17, 2016.
- 2016 **Klein, R.W.**, Koeser, A.K., Hauer, R.J., Hansen, G., and F. Escobedo (Poster Presentation Winner). Urban Landscape Summit: Poster - Relationship between Perceived and Actual Occupancy Rates in Urban Settings. Gainesville, Florida, March 23, 2016.
- 2015 **Klein, R.W.** Tree Risk Assessments – Time to Test the Tools. Survey: Relationship between Perceived and Actual Occupancy Rates in Urban Settings. Wisconsin Arborist Association Fall Conference. Milwaukee, Wisconsin, October 15, 2015.
- 2015 **Klein, R.W.** Perceived and Actual Occupancy Rates for Urban Settings. University of Florida, FOR 4090c Urban Forestry: Guest lecturer. Gainesville, Florida, March 12, 2015.
- 2014 **Klein, R.W.** Arbor day presentation and Tree Planting. Lincoln Elementary School: Guest Speaker. Princeton, Illinois, April 25, 2015.

CONTRIBUTED PRESENTATIONS

- 2015 Koeser, A.K., R.J. Hauer, J. Miesbauer, and **R.W. Klein**. Workshop: Tree Risk Assessments – Time to Test the Tools. Wisconsin Arborist Association Fall Conference. Milwaukee, Wisconsin, October 15, 2015.
- 2015 Koeser, A.K. and **R.W. Klein**. (Keynote Address) Tree Risk Assessments – Methods and Approaches. Wisconsin Arborist Association Fall Conference. Milwaukee, Wisconsin, October 15, 2015.
- 2015 Koeser, A.K., McLean, D.C., **Klein, R.W.**, Hasing, G., and R.J. Northrop. Poster: Urban Tree Risk: A Comparison of Professional and Public Perceptions. International Society of Arboriculture Annual Conference. Orlando, Florida, August 11, 2015.

ACTIVITIES

- 2020-Present Vice President, Arboricultural Research and Education Academy (AREA)
- Coordinate the support for research and educational efforts in arboriculture and urban forestry
- 2020-Present Florida Chapter of the International Society of Arboriculture (ISA) Educational Board

	<ul style="list-style-type: none"> Develop industry training and education events throughout Florida related to arboriculture and urban forestry
2019-Present	<p>Student Member, Gainesville Tree Advisory board</p> <ul style="list-style-type: none"> Discuss current tree related issues within the city and make recommendations based on the consensus of the board Inform the community on current tree related issues through outreach programs
2018-2019	<p>University of Florida Student Chapter of the International Society of Arboriculture (ISA)</p> <ul style="list-style-type: none"> Attend meetings related relevant arboricultural issues
2015-2019	<p>Volunteer, Howard T. Odum Florida Springs Institute</p> <ul style="list-style-type: none"> Partake in citizen-based science data collection of water quality and ecological parameters Take part in spring's related fundraisers and outreach events Assist in maintenance of the Institute's Environmental Center
2015-2016	<p>American Water Resources Association, University of Florida Chapter</p> <ul style="list-style-type: none"> Participated in a variety of water related environmental clean-ups Attended informational sessions regarding water resource related projects and technologies within the state of Florida
2013-2014	<p>Forestry Club, Western Illinois University</p> <ul style="list-style-type: none"> Trained students in arboriculture and resident tree care and maintenance Performed residential tree care and maintenance
2013-2014	<p>Agricultural Council, Western Illinois University</p> <ul style="list-style-type: none"> Planned fundraisers and promoted departmental awareness of sustainable agricultural practices Reported the activities of the Forestry club
2013-2014	<p>Study Abroad in India, Navdanya Organic Research Farm</p> <ul style="list-style-type: none"> Participated in a variety of activities related to organic farming including plant harvesting and quality control, plant care, and pest control

AWARDS

2020	Jasper Joiner Travel Scholarship (\$300)
Spring 2019	Florida Chapter of the ISA John P. White Memorial Scholarship (\$1,250)
2019	University of Florida Gulf Coast Research and Education Center Travel Grant (\$500)
2019	College of Agricultural and Life Sciences Edgar A. Martin Scholarship (\$1,500)
2019	ISA Student Ambassador - ISA Annual International Conference (\$550)
2019	National Horticulture Foundation/FNGLA James H. Davis Memorial Scholarship (\$2,000)
2018	College of Agricultural and Life Sciences William C. and Bertha M. Cornett Fellowship (\$1,500)
2016	ISA and AREA Student Travel Grant-Award Winner (\$500)
2016	Urban Landscape Summit Poster Presentation Winner (\$1,000)
Fall 2015	Florida Chapter of the ISA John P. White Memorial Scholarship (\$500)
Spring 2015	Florida Chapter of the ISA John P. White Memorial Scholarship (\$500)
2015	Garden Club of America Zone VI Fellowship in Urban Forestry (\$5,000)
Spring 2014	Bartlett Arboriculture Scholarship (\$1,500)
Spring 2014	Dean's List Western Illinois University
Fall 2013	Dean's List, Western Illinois University
Fall 2013	Davey Arbor Grant (\$1,000)
Fall 2013	John Reeves Scholarship Recipient (\$800)
Fall 2013	Bartlett Arboriculture Scholarship (\$1,500)
Spring 2013	Bartlett Arboriculture Scholarship (\$1,500)
Spring 2013	Dean's List, Western Illinois University
Fall 2012	Dean's List, Western Illinois University

GRANTS

2019	Tree Risk Assessment Training: QTRA – Bath, UK. CLCE: Graduate Student Funding \$4271.33
2018-2019	Trees and Natural Disasters: Improving Estimates of Likelihood of Impact, Likelihood of Failure, and Consequences of Failure in Professional Risk Assessments. Early Career Scientist Seed Grant: Graduate Student Funding \$48,488 (Assisted with as a graduate student)
2015-2016	Urban Tree Risk Assessment: Perceptions, Reality, and Reliability: Perceived and Actual Occupancy Rates for Urban Settings and Impact of Assessor on Risk Assessment Method Outcomes. CLCE: Graduate Student Funding \$10,000 (Assisted with as a graduate student)
2014-2015	Urban Tree Risk Assessment: Perceptions, Reality, and Reliability: Perceived and Actual Occupancy Rates for Urban Settings and Impact of Assessor on Risk Assessment Method Outcomes. CLCE: Graduate Student Funding \$10,000 (Assisted with as a graduate student)
2014-2016	Urban Tree Risk Assessment: Perceptions, Reality, and Reliability: Perceived and Actual Occupancy Rates for Urban Settings and Impact of Assessor on Risk Assessment Method Outcomes. Tree Fund: Jack Kimmel International Grant \$9,996 (Assisted with as a graduate student)
2014-2016	Urban Tree Risk Assessment: Perceptions, Reality, and Reliability: Perceived and Actual Occupancy Rates for Urban Settings and Impact of Assessor on Risk Assessment Method Outcomes. Florida ISA \$5,000 (Assisted with as a graduate student)

PROFESSIONAL MEMBERSHIPS

2017-Present	Massachusetts Arborist Association
2015-Present	Arboricultural Research and Education Academy (AREA)
2015-Present	Florida Chapter of the International Society of Arboriculture (ISA)
2015-Present	International Society of Arboriculture (ISA)
2015-Present	Society of Commercial Arboriculture
2015-Present	Society of Municipal Arborists
2015-Present	Utility Arborist Association