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EDUCATION

Doctor of Philosophy in Plant Physiology (August, 1996), Clemson University, Clemson, SC.

Master of Science in Horticulture (May, 1993), University of Delaware, Newark, DE

Bachelor of Science in Animal Science (May, 1989), University of Delaware, Newark, DE.

PROFESSIONAL EXPERIENCE

4/2016-present. Professor of Environmental Horticulture, University of Florida, Gainesville, FL. Responsibilities: 60% research: 40% teaching appointment. Changed from 40% to 60% research in June 2018.

10/2014-4/2016. Chair and Professor of Environmental Horticulture, University of Florida, Gainesville, FL. 100% Administration.

7/2011-10/2014. Professor of Environmental Horticulture, University of Florida, Fort Pierce, FL. Responsibilities: 50% teaching, 50% research appointment.

7/2005-7/2011, Associate Professor of Environmental Horticulture, University of Florida, Fort Pierce, FL. Responsibilities: 50% teaching, 50% research appointment.

1/1999-7/2005, Assistant Professor of Environmental Horticulture, University of Florida, Fort Pierce, FL. Responsibilities: 60% teaching, 40% research appointment. Teaching includes instruction of Plant Propagation (PLSC 3221/5222C), Environmental Plant Identification (ORH 3513/5115C) and Annual and Perennial Gardening (ORH 4804/5021C). Development of two new courses in Environmental Horticulture including South Florida Flora and Ecosystems (ORH 4527C) and Florida Native Landscaping (ORH3815/5815C). Research focuses on characterizing the potential invasiveness of ornamental species.

6/96-12/98, Postdoctoral Research Associate, Clemson University, South Carolina. Worked independently in designing and conducting experiments relating to carbohydrate and photosynthetic status of micropropagated plants.

1/98-4-98, Japanese Society for the Promotion of Sciences (JSPS) Postdoctoral Fellow, Chiba University, Chiba, Japan. Collaborative research project with Drs. Toyoki

Kozai and Chieri Kubota. Research focused on analyzing the carbohydrate content and media composition of micropropagated sweetpotato and tomato plantlets grown photoautotrophically and photomixotrophically under enriched CO₂.

6/93-6/96, Research Assistant, Clemson University, Clemson, South Carolina.

2/91-5/93, Teaching Assistant, University of Delaware, Newark, Delaware.

6/86-5/87, Greenhouse Assistant, University of Delaware, Newark, Delaware.

TEACHING EXPERIENCE

University of Florida

PLSC 3221/5222C Plant Propagation (currently)

ORH 3815/5815C Native Florida Landscaping (currently)

ORH 4804/5021C Annual and Perennial Gardening (currently)

ORH 3515/5115C Environmental Plant Identification

ORH 4527C South Florida Flora and Ecosystems

Clemson University

HORT 456/656 --Vegetable Crops Labs

Obtained full responsibility for lab planning, teaching, and grading for two semesters.

Substitute lecturer for class when needed.

University of Delaware

PLSC 101 --Botany I (General Botany) Labs

PLSC 201 --Botany II (The Plant Kingdom) Labs

Obtained full responsibility for lab planning, teaching, and grading each semester during a three year teaching assistantship. Substitute lecturer for class when needed.

PROFESSIONAL DEVELOPMENT IN TEACHING

Quality scorecard for best practices in online learning

Active learning- Creating excitement in the classroom

Flipping the classroom

Teaching tips-strategies research and theory

Classroom communication- effective discussion and questioning

Distance education pedagogy

Online vs. traditional learning outcomes

Experiential learning and critical thinking

Teaching students to reason

Reasoning and thinking

Technology in the classroom

Enhancing your course with the web

Web-delivered distance education

Using writing to teach the methodology of the discipline

Effective use of small groups in the classroom

How to create a teaching portfolio

The seven habits of highly effective people

CREATIVE WORKS OR ACTIVITIES

Plant this not that: A guide to avoiding invasive species in Florida. 2021. This is a laminated, ring-bound-flipbook written to provide safe alternatives to commonly sold invasive ornamental plants. Twenty-two color entries and descriptions pair an invasive with a list of non-invasive alternatives and cultivars to use instead.

<http://ifasbooks.ifas.ufl.edu/p-1658-plant-this-not-that.aspx>.

Bee web application. 2018-2021. The Florida Friendly Landscaping bee mobile application has been launched (<https://ffl.ifas.ufl.edu/bees>). This includes approximately 100 plant species that attract 12 bee groups. Plant categories include identification features, landscape use (design my bee garden), bee descriptions, and flowering times. Tips for garden design, selecting plants, buying plants, planting, and maintenance are included.

Florida toxic plants application. 2017-2020. The Florida Toxic Plants mobile application of has been launched (<https://ffl.ifas.ufl.edu/toxicplants/#/tabs/plant/list>). This includes approximately 125 plant species and over 600 color photos to aid in identification. Plant categories include common landscape plants, weeds, native species, bedding plants, houseplants or cut flowers, and invasive plants. Information included for each species includes what parts of the plant are poisonous, symptoms of exposure, who is susceptible (people, companion animals, livestock), a toxicity scale, and a notes section for further information.

Interactive online plant propagation glossary web and mobile application. 2015-2021. The PropG mobile and web application was launched (<https://propg.ifas.ufl.edu/>). This includes a collection of glossary pages, which are accessed through two methods, a navigational menu system organized by topic categories, and an alphabetical index of terms. The index has an internal search function which allows the user to type in a term. Over 500 propagation terms are defined and accompanied with images and videos.

Research and teaching website. 2002-2022-. <http://irrecenvhort.ifas.ufl.edu>. Includes linked websites for all courses, research projects, and publications.

E-learning website. 2002-2022. Includes weekly PowerPoint lectures, assignments, handouts, lab exercises, quizzes, and digital images. UF Academic Technology, <https://eleariang@ufl.edu>.

Storyline interactions and simulations as a DE supplement to traditional on site lab experiences in plant propagation. 2013-2018. This project was developed as a way for students to interactively review online lecture concepts prior to their associated lab in an effort to synchronize subject knowledge with hands on applications. Self-review quizzes can be found at <http://irrecenvhort.ifas.ufl.edu/Propagation/assignments.html>.

I-Application and web-based multiple-entry key for plant family identification. 2010-2018. This project was developed to assist DE learners in the practical use of botanical terminology and plant anatomy, and introduce students to the distinctive characteristics of common plant families. A menu organizes the different areas of plant anatomy, such as flowers, fruit, and leaves. A user holding a wildflower specimen, for example, can first navigate to the flowers section and enter the number of petals on each flower. After that, the user can choose to put in some information about leaf shape or venation. Eventually, a list of potential families appears which can then be narrowed more.
<http://hort.ifas.ufl.edu/floragator/families.html>

Interactive Online Native Plant Identification and Ecosystem Review. 2009-2010- This project was developed to incorporate online review opportunities for students enrolled in Florida Native Landscaping. Students can (1) view plant material online and complete interactive quizzes, (2) review plant taxonomy concepts through interactive drag and drop exercises, and (3) review plant associations and site characteristics of 7 major ecosystems. The learning exercises were developed in open code so that they could be modified and used by faculty throughout the world who teach similar subjects.
<http://irrecenvhort.ifas.ufl.edu/FNL/quizzes/leafquiz.html>

World-wide greenhouse education module. 2006. Through collaboration with University of Arizona, Ohio State University and University of Vermont, this project encompasses developing a multimedia instrument for greenhouse education. This instrument consists of a repository of greenhouse educational materials that address important greenhouse topics including energy conservation, environmental safety, food produce safety, labor efficiency, and manipulation of plant responses in controlled environments. All components of the project can be obtained at:

https://cals.arizona.edu/GHsimulator/greenhouse_content.html

The online digital repository can be found at:

<http://badger.uvm.edu/dspace/handle/2051/1924>

Virtual plant identification. 2004. A web-based interactive interface was created so that students can learn plant material and landscape principles in different seasons and in different geographic locations. A specialized digital camera apparatus and software were utilized to convert still images into 360 degree panoramic images that were stitched together to create a virtual walk through the IRREC teaching gardens. To enhance nomenclature and identification skills, specific plants within the panorama were hyperlinked to data information sources and high resolution close-up images. This educational instrument can be viewed at

<http://irrecenvhort.ifas.ufl.edu/virtualgarden/index.htm>.

Plant propagation CD for online instruction. 2006-2010. The CD was developed with co-instructor Mack Thetford in cooperation with IFAS Communication Systems for web-based delivery of Plant Propagation (PLS 3221). Online instruction complementing each subject module. Contains: (1) narrative PowerPoint lectures given by nationally recognized experts including 11 faculty from 4 universities, including UF; (2) video of propagation practices at 4 nurseries specializing in different aspects of ornamental plant

production, (3) video of live demonstrations of several propagation practices, (4) question and answer dialogue with experts at several nurseries, (5) animation of pollination and fertilization in angiosperms, (6) lecture review sheets, and (7) narration of 18 chapters. Contents of the CD can be viewed at <http://irrecenvhort.ifas.ufl.edu/Propagation/index.html>

Digital pollination and fertilization in angiosperms. 2002. The project was developed in cooperation with the Office of Academic Training to illustrate the process of pollination and fertilization in angiosperms, including coinciding digital animation and voice automation of: (1) anther and ovule development, (2) pollination, (3) 14 steps of fertilization, and (4) embryogenesis. This learning exercise can be viewed at <http://irrecenvhort.ifas.ufl.edu/Propagation/modules.html>

IFAS-wide web-based multimedia database of native Florida plants. 2002. The project was developed in cooperation with IFAS Information Technology to input high quality images of native plants into a universal web-based interface software program (Web Taxonomy, <http://orb.ifas.ufl.edu>).

HONORS

2022. Superior Accomplishment Award. Academic Personnel. IFAS, University of Florida.

2021. Florida-Friendly Landscaping™ Faculty of the Year Award. University of Florida.

2022. ASHS Extension Division Education Materials Award Nomination-Bulletin. Plant this, not that: A guide to avoiding invasive species in Florida. (McIntyre, Gutner, Pinkerton and Wilson)

2022. ASHS Extension Division Education Materials Award Nomination-App. Florida Friendly Bee Gardens Mobile Web App (Wilson, Momol, Kalamian, Mallinger, Wilber, Wichman, Knox, Marvin, Bain, Lewis, and Kavalan)

2022. ASHS Extension Division Education Materials Award Nomination-Leaflet. A Beginners Guide to Begonia-3 part series. (Huo, Jinori, Wilson)

2018. International Plant Propagator's Society Southern Region Fellow Award. IPPS.

2018. Outstanding Graduate Educator Career Award. American Society for Horticultural Science.

2015. Fellow Award. American Society for Horticultural Science ASHS.

2012. Outstanding Education Publication Award. American Society for Horticultural Science.

2011. Roche Professorship, College of Agriculture and Life Sciences. University of Florida.

2009. Outstanding Undergraduate Educator Career Award. American Society for Horticultural Science.

2007. Gold Award for Educational Project. Association for Communication Excellence.

2006. Undergraduate Teacher of the Year. College of Agriculture and Life Sciences, University of Florida.

2006. Best Dissertation Award. Ph.D. graduate student co-advisor. University of Florida.

2005. Fellow Award. North American Colleges and Teachers of Agriculture (NACTA).

1998. Fellowship for international research collaboration. Japanese Society for the Promotion of Sciences.

1997. Outstanding Young Woman in Science Award.

1994. Student Travel Award. American Society for Horticultural Sciences.

1993. Women of Excellence Award, 1993 recipient. College of Agriculture, University of Delaware.

1993. Certificate of Appreciation for Outstanding Service to Teaching. Center for Teaching Effectiveness, University of Delaware.

1992. Student Travel Award, American Society for Horticultural Sciences.

1992. Student Travel Award, Commission on the Status of Women.

1992. Norman Childers Graduate Student Award, Best student presentation. NEASHS meetings, Amherst, MA.

1986-1988. Carvel Scholarship, University of Delaware.

1995. O.A. Newton Scholarship, University of Delaware.

LEADERSHIP DEVELOPMENT

American Society for Horticulture Sciences Workshop. 2020. Leadership: Another part of your career as a horticulturist.

Academic Administrators Leadership Seminar Series Program. 2015-2016. Four part series providing insight into various management issues including HR topics, legal tips,

tenure and promotion, privacy and security, university budget and fiscal accountability, and conflict resolution.

American Society for Horticultural Sciences Vice President, Education Division. 2012-2015. Elected position providing leadership decisions in budgets, programs, and policy.

Advanced Leadership Program for Academics. 2012-2013. Ongoing development of faculty in leadership positions with an emphasis on exploring the application of the UF Leadership/management Competency Model.

Faculty Senate. 2012-2015. A university-wide institution through which shared governance is practiced by recommending and consulting on academic activities, policy, faculty development, strategic planning and department/unit/college representation .

Roche Professorship. 2010-2012. A two year term working within CALS to provide leadership to faculty and staff in distance education pedagogy. Project includes several focus groups and a graduate student survey to assess the quality of online learning, leadership in the annual teaching enhancement symposium, and planning a teaching grants workshop to advance excellence educational grant writing.

LEAD21 National Internship Program. UGA Fanning Institute, 2010-2011. A year long program with specific goals to (1) enhance application of skills and knowledge learning in nine leadership competencies, (2) develop a peer leadership network to enhance personal leadership practice, collaboration and diversity of perspective, and (3) develop and implement an individual leadership process. The training process also included discussion on a number of text references such as 'The 360° Leader', 'The Work of Leadership', 'Going from Good to Great', 'The 21 Irrefutable Laws of Leadership', 'Leading Change and Navigating Success- Bridging the Gap', and 'What Got you Here Won't Get you There'

PROFESSIONAL ORGANIZATIONS

American Society for Horticultural Science
International Society for Horticultural Science
Southern Nursery Association
Florida State Horticultural Society
Florida Nursery, Growers and Landscape Association
Florida Native Plant Society
Florida Exotic Pest Plant Council
International Plant Propagators Society
Gamma Sigma Delta
North American Colleges and Teachers of Agriculture

SERVICE TO ASHS

-Vice President, Education Division 2013-2015, responsible for Graduate and Undergraduate Poster competitions, Scholar's ignite, and all associated working groups and committees

- Member, graduate educator award (2021-2022), Nominations committee (2021-2022)
- Member, Technical committee (2021-2022)
- Chair, Fellows selection committee, 2018-19 and 2020-21
- Authored or co-authored 32 refereed manuscripts in the Journal of ASHS, HortScience, or HortTechnology.
- Invited speaker, 45 oral or poster contributions at ASHS
- Student competition judge
- Session moderator
- Co founder of Invasive Plant Working Group
- Chair, Invasive Plant Working Group
- Chair, Plant propagation working group
- Coordinated special hot topics workshop on Mooks
- Chair, undergraduate educator award committee
- Coordinated special workshop on prevention and screening of invasive species
- Invited panelist for graduate mentoring (2021)
- Invited podcast speaker for paper selected (2022)

SERVICE TO IPPS

- Board member 2013-2015
- Ad hoc student membership committee 2017-2018
- Membership Committee 2013-2015
- Student competition judge
- Speaker
- Moderator

INTERNATIONAL ACTIVITIES

Australia	International Society of Horticultural Sciences, co-author
Portugal	Invited speaker, International Horticulture Congress, Lisbon.
China	University of Florida—Huazhong Agricultural University Bilateral symposium on horticultural science. Wuhan, China, Dec 8, 2018. Invited speaker.
Spain	Presented a paper at the International Society for Horticultural Science (ISHS) Research Symposium on Greenhouse Cooling- methods, technologies and plant response, Almeria. Symposium included tours of commercial greenhouse production and technological advances in environmental control.
Honduras	(2009) Inviter speaker, Zomorano Seminar Series, via polycom

(2006) Invited speaker, Zomorano University. Traveled with several UF faculty to Honduras to visit with faculty and staff

(2006) Invited speaker, Zomorano Seminar Series, via polycom

Costa Rica

(2007) Completion of intensive Spanish learning program at Intensa School, San Jose; Visited with faculty at University of Costa Rica to discuss potential research collaboration.

(2006) UF-Short term Scholar's program, supervised and hosted undergraduate student from EARTH University for a research project conducted at Kraft Gardens (commercial foliage plant producer), Fort Pierce.

(2005) Invited speaker, EARTH University, Guácimo de Limón

(2003) Student/Faculty horticultural tour focused on learning about commercial plant production, landscaping, botanical gardens, and nature preserves throughout Costa Rica including: Agricola Poco Sol in La Tigra (foliage cutting producer), Arenal botanical garden, Manuel Antonio national park, Carara Biological Reserve, Cafe Christina organic coffee production, Fides Plants (unrooted cuttings of flowering plants), Twyford tissue culture labs, Linda Vista flower seed production, and others.

Holland

Horticultural tour focused on commercial greenhouse production, nursery production, industry research and ornamental gardens throughout Holland including Hem Genetics, Keukenhof Gardens, Aalsmeer Flower Auction, Kudelstaart potted orchid production, PanAmerican Seed Europe & Ball FloraPlant, Rijnbeek & Zoon, Lekkerkerk Plants, Fides Goldstock Breeding, Zaanse Schans and Volendam; Palis Het Loo and Kroller-Muller Museum and others.

International

(2010) International Participant, Pathways to Effective International Engagement Workshop, IFAS International Programs

(2004) Presented a paper at the International Society for Horticultural Science (ISHS) International Symposium on protected culture in a mild-winter climate, Kissimmee, FL. Symposium included tour and overview of NASA research laboratories for plant production in space.

(2002-present) Member of the International Plant Propagator's Society

- Canada Presented two papers at the International Society for Horticultural Science (ISHS) and American Society for Horticultural Science (ASHS) combined research meetings in Toronto.
- Puerto Rico Collaboration with University of Puerto Rico (T-STAR grant) to test alternatives to peat for container-grown tropical ornamentals and nutrient management practices.
- Italy Student/faculty horticultural tour focused on learning about the commercial plant production, university research, and world famous ornamental gardens throughout Italy including: Villa d-Este Gardens, Villa Lante Gardens, Vatican garden, Chigi Cetinali Gardens, Orto Botanico Gardens, Villa Torriggiani Gardens, Florence woody landscape production and interior trees, Albenga greenhouse production, University of Turin, Isola bella-Lake Maggiore Gardens, and others.
- Japan JSPS Fellow, Chiba University
- Collaboration with Mitsui chemicals, Japan, and Clemson University, SC, to test photoselective plastic films in Florida.
- (2000) Invited speaker, International Symposium on transplant production in closed systems, Chiba, Japan.

GRADUATE COMMITTEE ACTIVITIES

Ph.D. Chair/Co-Chair

- Alexander Schaller 2024 Selection and breeding of pomegranate for pathogen resistance and ornamental use.
- Zhaoyuan Lian 2022 Identifying novel snapdragons through genetics and propagation
- Kornelia Fillmer 2021 Propagation and production of underutilized native wildflowers in Florida
- Adrienne Smith 2015 An innovative strategy for invasive plant control: Restoration of stable native plant ecosystems using *Ruellia simplex* (Mexican petunia) invaded floodplain forests as a model system.
- Niels Proctor 2014 Assessing and projecting the competitive advantage ornamental invasives have over natives in varying Florida conditions.
- Carmen V.-Aracama 2005 Physiological and anatomical basis for differences in *in vitro* and *ex vitro* growth performance of sea oats (*Uniola paniculata* L.) genotypes.

D.P.M. Chair

- Teagan Young 2024 Cutting propagation of four *Psychotria* taxa.
- Lindsay Mikell 2024 Propagation and production of ornamental natives for landscape use in Florida
- Julia Rycyna 2021 Evaluation of non-invasive alternatives to common invasive ornamentals in Florida
- Heather Kalaman 2020 Efficacy of native and non-native popular ornamentals as valuable resources for native bees

Ph.D. Committee Member

- S. (Brooks) Parrish 2024 Marker development and disease resistance of lantana
- Joanna Jaramillo 2025 Pollinator resources of native and nonnative ornamentals
- Brooke Moffis 2026 Multispecies lawns: An alternative strategy for water conservation and ecosystem functions
- Julian Gionori 2023 Development of begonias with enhanced heat tolerance and stem rot resistance
- Wayne Hobbs 2022 Efficacy of online course development in extension
- Rachelle Deak 2024 Interactions between overused ornamental plant varieties and land development: Effects on long-term plant invasion.
- JianJian Xu 2022 Somatic embryogenesis in orchid production
- Jamielyn Daughtery 2022 Effective use of distance education in plant science.
- Gabriel Campbell 2020 Propagation, production and outplanting of *Asclepias humistrata*
- Anita Neal 2018 Distribution, biology, and management of *Mylocherus undecimpustulatus undatus* Marshall (Coleoptera: Curculionidae) in the landscape and horticulture industry in Florida.

Sean Fromang	2012	Doctor of Plant Medicine
Anne Frances	2008	Establishment and management of native wildflowers on Florida roadsides and former pastures.
Lucy Treadwell	2006	Effects of simulated herbivory on the growth and reproductive capability of the invasive exotic shrub Brazilian peppertree, <i>Schinus terebinthifolius</i> .
Marisa Zansler	2004	Florida's ornamental plant industry: A cross-section and time-series estimation of nursery profitability.

M.S. Chair/Co-Chair

Lindsay Mikell	2022	Propagation and production of an ornamental native, <i>Zanthoxylum fagara</i> .
Teagan Young	2022	Cutting propagation of <i>Psychotria</i> spp.
Julia Rycyna	2021	Evaluation of non-invasive alternatives to common invasive ornamentals in Florida
Heather Kalaman	2020	Efficacy of native and non-native popular ornamentals as valuable resources for native bees
Thomas Smith	2021	Seed and vegetative propagation of <i>Vachellia farnesiana</i> .
Carlee Steppe	2019	The propagation and evaluation of <i>Balduina angustifolia</i> and <i>Paronychia erecta</i> for landscape use in Florida.
JianJian Xu	2018	Breeding novel forms of Lantana and Caladium.
Jerry Renick	2018	Propagation systems for nursery production.
Kornelia Fillmer	2016	Sequencing of a Tobamovirus species.
Joy Stanilka	2015	Competencies and critical thinking on and off campus.
Alex Kroenke	2015	Lantana evaluation and germination.
Kara Kruger	2013	National ornamental grass trialing.
Kristin Wald	2013	Effects of silicon on marigold production.
Adrienne Smith	2011	Effects of media composition on container production of native wildflowers.
Alison Heather	2009	A study on propagation methods for two native wildflowers: <i>Polygonella polygama</i> and <i>Polygonella robusta</i> .
Kari Ruder	2006	Propagation and production of <i>Dalea feayi</i> .
Helen Danielson	2005	Production and performance of <i>Gaillardia</i> cultivars and ecotypes.
Susan Blass	2005	Visual quality, flowering and consumer preference of new native and non-native cultivar releases.
Emily Barnett	2004	Evaluating the spread and impacts of <i>Ruellia tweediana</i> in natural areas.

M.S. Committee Member

Vanesa Rostan	2024	Influence of pesticide formulation and application timing on contamination of floral resources in ornamental plants
Yifan Jing	2023	Micropropagation and acclimatization of <i>Monstera</i>
Andres Ochoa	2019	Germination ecology and seed desiccation tolerance of <i>Linum arenicola</i> , an endangered species from South Florida

Rebecca Perry	2020	Investigating the effects of plant diversity and nutrients on drivers of monarch fitness and abundance
Jonathan Jasinski	2012	Effect of meta-topolin on acclimatization of a wide range of sea oats genotypes
Natalie Hooton	2011	Propagation and production of <i>Chrysopsis godfreyi</i> ecotypes.
James Sadler	2013	Sea oats cryopreservation.
Sean Fromang	2011	Toxicity of simazine and norflurazon on (Lemna minor) duckweed
Rueben Koch	2011	Leaching of fipronil in Florida soils.
Kristin Campbell	2010	Germination biology of the invasive <i>Lantana camara</i> and native <i>Lantana depressa</i> .
Ed Skvarch	2007	Development and analysis of distance continuing education units for licensed pesticide application holders.
Matt Moyer	2004	Plant growth regulation and breeding of phygelius.

PUBLICATIONS

Books

Davies, F.T., B.L. Geneve, and S.B. Wilson. 2018. Hartmann and Kester's Principles and Practices of Plant Propagation. 9th edition. Prentice Hall, Upper Saddle River, NJ.

Wilson, S.B. and G. Campbell. 2021-2022. Propagation of native plants for Florida's landscapes and gardens. University of Florida Press. In progress.

Refereed Journal Articles (*designates graduate student)

Wilson, S.B., C. Steppe*, and M. Kane. 2022. Micropropagation of *Paronychia erecta*, a native species with ornamental potential. Native Plants J. In preparation.

Wilson, S.B., R. Mallinger, H. Kalaman, and E. Momol. 2022. A novel mobile application for Florida Friendly bee gardening. HortTechnology. In preparation.

Xu, J., S.B. Wilson, W.A. Vendrame and D.G. Beleski. 2022. Micropropagation of sweet acacia (*Vachellia farnesiana*), an underutilized tree with ornamental value. In vitro Cellular and Developmental Biology-Plant. J. Submitted.

Young, T.*, S.B. Wilson, M. Thetford and J. Coole. 2022. Cutting propagation of four Florida native taxa of wild coffee (*Psychotria* sp.) for ornamental use. Native Plants J. In press.

Campbell-Martinez*, G., M. Thetford, D. Miller, S.B. Wilson and C. Gomez. 2022. Effect of fertilizer rate, substrate, and container type on greenhouse performance of sandhill milkweed. HortScience. Submitted for internal review.

Smith, T.P*., S.B. Wilson, S.C. Marble, and J.J Xu. 2022. Propagation for commercial production of sweet acacia (*Vachellia farnesiana*): A native plant with ornamental potential. *Native Plants J.* In press.

Zhaoyuan, L.*, C. D. Nguyen, L. Liu, G. Wang, J. Chen, S. Wang, G. Yi, S.B Wilson, H. Gong and H. Huo. 2022. Improved genetic transformation by applying developmental regulators through *Agrobacteria* injection of adult plants or *in-vitro* tissue culture. *Plant Biotechnology J.* 1-14: doi: 10.1111/pbi.13837.

Trigiano, R.N., S.L. Boggess, C.R. Wyman, D. Hadziabdic, and S. Wilson. 2021. Propagation methods for the conservation and preservation of the endangered whorled sunflower. *Helianthus verticillatus*. *Plants.* 10,1565
<https://doi.org/10.3390/plants10081565>.

Campbell*, G.E., C. Steppe*, S.B. Wilson and M. Thetford. 2022. Effect of temperature, light and seed provenance on germination of *Paronychia erecta*: a native plant with ornamental potential. *Native Plants J.* 23:56-64.

Kalaman*, H., S.B. Wilson, R.E. Mallinger, G.W. Knox, and E. van Santen. 2022a. Evaluating native and non-native ornamentals as pollinator plants in Florida: I. Floral abundance and insect visitation. *HortScience.* 57:126-136.
<https://doi.org/10.21273/HORTSCI16123-21>.

Kalaman*, H., S.B. Wilson, R.E. Mallinger, G.W. Knox, T. Kim*, and K. Begcy. 2022b. Evaluation of native and non-native ornamentals as pollinator plants in Florida: II. Floral resource value. *HortScience.* 57:137-143. <https://doi.org/10.21273/HORTSCI16124-21>.

Campbell-Martínez*, G.E., C. Steppe*, S.B. Wilson, M. Ball, and C. Peterson. 2021. Effects of temperature, seed provenance, and substrate on germination of the endemic and threatened paper nailwort (*Paronychia chartacea* ssp. *chartacea*). *Florida Scientist.* 85(1):1-9.

Graves, N.*, G. Campbell-Martinez*, M. Thetford, D. Miller, and S.B. Wilson. 2021-2022. Conservation and reestablishment of Florida panhandle golden asters (*Chrysopsis* spp. I. Reproduction characteristics and germination requirements. *Native Plants J.* 22:315-322. <https://doi.org/10.3368/npj.22.3.315>.

Campbell-Martinez*, G., M. Thetford, C. Steppe*, S.B. Wilson, and D. Miller. 2021. Germination of coastalplain honeycombhead (*Balduina angustifolia*) in response to photoperiod, temperature, and gibberellic acid. *Seed Science and Technology.* 49(3):287-303. <https://doi.org/10.15258/sst.2021.49.3.09>.

Wilson, S.B., J. Rycnya*, Z. Deng, and G. Knox. 2021. Summary of 26 heavenly bamboo selections evaluated for invasive potential in Florida. *HortTechnology.* 31:367-381. <https://doi.org/10.21273/HORTTECH04798-21>.

Wilson, S.B., C. Steppe*, Z. Deng, and G. Knox. 2020. Landscape performance and invasive potential of 8 *Lantana montevidensis* cultivars grown in north and central Florida. HortScience. 55:1737-1743. <https://doi.org/10.21273/HORTSCI15120-20>

Deng, Z., S.B. Wilson, and D. Czarnecki*. 2020. 'UF-1013-1': An infertile cultivar of *Lantana camara*. HortScience. 55:953-958. <https://doi.org/10.21273/HORTSCI14911-20>.

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