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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 to 60% research 8/16/2018.

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

ORH 4804/5021C Annual and Perennial Gardening

ORH 3515/5115C Environmental Plant Identification

ORH 4527C South Florida Flora and Ecosystems

ORH 3815/5815C Native Florida Landscaping

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

Bee web application. 2018-2019. The Florida Friendly Landscaping bee web application will include approximately 100 plant species that attract bees. Plant categories will include identification features, landscape use, bee types, and flowering times.

Poisonous plant application. 2017-2019. The Poisonous Plants of Florida web application will include approximately 200 plant species and over 600 color photos to aid in identification. Plant categories included will include common landscape plants, weeds, native species, bedding plants, houseplants or cut flowers, and invasive plants. Information included for each species will include 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. 2015-2019. A web app built as 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.

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>).

Research and teaching website. 2002-2014-. <http://irrecenvhort.ifas.ufl.edu>. Includes linked websites for all courses, research projects, and publications.

E-learning website. 2002-2014. Includes weekly PowerPoint lectures, assignments, handouts, lab exercises, quizzes, and digital images for Plant Propagation and Florida Native Landscaping courses. UF Academic Technology, <https://lss.at.ufl.edu>.

HONORS

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

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
- Fellows selection committee, Chair
- 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

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	<p>(2009) Inviter speaker, Zomorano Seminar Series, via polycom</p> <p>(2006) Invited speaker, Zomorano University. Traveled with several UF faculty to Honduras to visit with faculty and staff</p> <p>(2006) Invited speaker, Zomorano Seminar Series, via polycom</p>
Costa Rica	<p>(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.</p> <p>(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.</p> <p>(2005) Invited speaker, EARTH University, Guácimo de Limón</p> <p>(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</p>

(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	<p>(2010) International Participant, Pathways to Effective International Engagement Workshop, IFAS International Programs</p> <p>(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.</p> <p>(2002-present) Member of the International Plant Propagator's Society</p>
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 photosensitive 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

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| 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 <i>Ruellia simplex</i> (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 <i>in vitro</i> and <i>ex vitro</i> growth performance of sea oats (<i>Uniola paniculata</i> L.) genotypes. |

D.P.M. Chair

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| 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

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| Julian Gionori | 2023 | Development of begonias with enhanced heat tolerance and stem rot resistance |
| Wayne Hobbs | 2022 | Efficacy of online course development in extension |
| Oguz Sariyildiz | 2022 | Common ornamental plant species and varieties: will overuse and re-expression of invasive traits contribute to future invasions? |

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 <i>Asclepias humistrata</i>
Anita Neal	2018	Distribution, biology, and management of <i>Myloccerus undecimpustulatus undatus</i> 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

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	Native plant propagation and production
Carlee Steppe	2019	Conservation and biology of native wildflowers
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

Andres Ochoa	2019	Germination ecology and seed desiccation tolerance of <i>Linum arenicola</i> , an endangered species from South Florida
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- 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 *Chrysopsis godfreyi* 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 *Lantana camara* and native *Lantana depressa*.
- 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

Book

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.

Refereed Journal Articles

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

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 south Florida. HortScience. Submitted.

Fetouh, I.F., Z. Deng, S.B. Wilson, C.R. Adams, G. Knox. 2020. Induction and characterization of tetraploids in Chinese privet (*Ligustrum sinense* Lour.). HortScience. In press.

Lian, Z., C.D. Nguyen, S.B. Wilson, J. Chen, and H. Huo. 2020. An Efficient Protocol for Agrobacterium-Mediated Genetic Transformation of *Antirrhinum majus*. Plant Cell Tiss Org Cult. In press.

Steppe, C., S.B. Wilson, M. Thetford, and H. Pérez. 2020. Propagation and evaluation of *Balduina angustifolia*, a native wildflower with ornamental and ecosystem value. J. Native Plants. In preparation.

Steppe, C., S.B. Wilson, M. Thetford, and H. Pérez. 2020. Propagation and evaluation of *Paronychia erecta*, a native wildflower with ornamental and ecosystem value. J. Native Plants. In preparation.

Steppe, C., M. Kane, S.B. Wilson. 2020. Micropropagation of *Paronychia erecta*, a native species with ornamental potential. HortSci. In preparation.

Wilson, S.B. C. Steppe, Z. Deng and G.W. Knox. 2020. Landscape performance, flowering and seed germination of eight trailing lantana varieties grown in north central and west central Florida. HortScience.

Steppe, C., S.B. Wilson, Z. Deng, K. Druffel, and G.W. Knox. 2019. Morphological and cytological comparisons of eight varieties of trailing lantana (*Lantana montevidensis*) grown in Florida. HortScience. 54:2134-2138.
<https://doi.org/10.21273/HORTSCI14443-19>.

Kalaman, H., G.W. Knox, S.B. Wilson, and W. Wilber. 2020. A master gardener survey: Promoting pollinator-friendly plants through education and outreach. HortTechnology. 30:163-167. <https://doi.org/10.21273/HORTTECH04460-19>.

Bechtloff, A., C.Reinhardt-Adams, S.B. Wilson, and Z. Deng. 2019. Alternatives to potentially invasive plant species for the horticultural industry in the southeast United States. J. Environmental Horticulture. 37(1): 9-18.

Wilson, S.B., R.L. Geneve and F.T. Davies. 2018. An online study tool for reviewing plant propagation terms and concepts. HortTechnology. 28(6):851-854.

Thetford, M., A. O'Donoghue, S.B. Wilson, H. Perez. 2018. Landscape performance of 3 *Polygonella* wildflower species native to Florida. Native Plants Journal. 19:239-247. doi:10.3368/npj.19.3.239.

Albano, J.A., J. Altland, D.J. Merhaut, S.B. Wilson, and P.C. Wilson. 2017. Irrigation water acidification to neutralize alkalinity for nursery crop production: Substrate pH, electrical conductivity, and nutrient concentrations; and plant nutrition and growth. HortScience. 52:1401-1405.

Deng, Z., S.B. Wilson, X. Ying and D.M. Czarnecki II. 2017. Infertile *Lantana camara* cultivars 'UF-1011-2' and 'UF-1013A-2A'. HortScience 52:652-657.

Fetouh, M.I., A. Kareem, G.W. Knox, S.B. Wilson and Z. Deng. 2016. Induction, identification, and characterization of tetraploids in Japanese privet (*Ligustrum japonicum*). HortScience. 51:1371-1377.

Wilson, P.C., G. Gruber, Y. Lin, P. Kumar, D. Niebch and S. Wilson. 2016. Influence of three citrus herbicides on potential production of *Sorghum bicolor* 'Topper 76-6' as a bioenergy crop. Bull Environ. Contam. Toxicol. 97:639-645.

Smith, A.M., C. Reinhardt Adams, C. Wiese, and S.B. Wilson. 2016. Re-vegetation with native species does not control the invasive *Ruellia simplex* in a floodplain forest in Florida, USA. Applied Vegetation Science. 19:20-30.

Smith, A.M., S.B. Wilson, C. Reinhardt Adams, and C. Wiese. 2015. Germination of native species: Efforts to guide revegetation in a Mexican petunia-invaded floodplain in Florida, USA. *Ecological Restoration*. 33:237-241.

Freyre, R., S.B. Wilson, G.W. Knox, C. Uzdevenes, L. Gu, and K.H. Quensenberry. 2015. Breeding and genetic studies of *Ruellia simplex* (Mexican petunia). *Eucarpia Symposium, Belgium*. *Acta Hort*. 1087:113-120.

Smith, A.M., C. Reinhardt Adams, C. Wiese, and S.B. Wilson. 2015. Suppression of the ornamental invasive Mexican petunia (*Ruellia simplex*) by native species in a greenhouse study. *Ecological Restoration*. 33(2) 207-214.

Wilson, S.B., G.W. Knox, Z. Deng, K.L. Nolan, and J. Aldrich. 2014. Landscape performance and fruiting of nine heavenly bamboo selections grown in northern and southern Florida. *HortScience*. 49:706-713.

Irani, T., S.B. Wilson, D. Slough, and M. Rieger. 2014. Graduate student experiences on and off Campus: Social connectedness and perceived isolation. *J. Distance Education*. 27(2), online.

Smith, A.M., S.B. Wilson, M. Thetford, K.L. Nolan, and C. Adams. 2014. Performance of nine Florida native wildflower species grown in varying container substrates. *Native Plants Journal*. 15:75-86.

Freyre, R. and S.B. Wilson. 2014. *Ruellia simplex* R10-105-Q54 ('Mayan Pink'). *HortScience*. 49:499-502.

Wilson, S.B., G.W. Knox, K.L. Nolan, and J. Aldrich. 2014. Landscape performance and fruiting of 12 privet selections grown in northern and southern Florida. *HortTechnology*. 24:148-155.

Wilson, S.B. and A.L. Flory. 2012. FloraGator: A novel, interactive and online multiple entry key for identifying plant families. *HortTechnology*. 22:410-412.

Freyre, R., A. Moseley, S.B. Wilson, and G.W. Knox. 2012. Fruitless *Ruellia simplex* R10-102 ('Mayan Purple') and R10-108 ('Mayan White'). *HortScience*. 47:1808-1814.

Freyre, R., A. Moseley, S.B. Wilson, and G.W. Knox. 2012. Breeding and evaluating for landscape performance and fruitlessness in Mexican Petunia (*Ruellia*, *Acanthaceae*). *HortScience*. 47:1245-1251.

Czarnecki, D.M., S.B. Wilson, G.W. Knox, R. Freyre, and Z. Deng. 2012. UF-T3 and UF-T4: Two sterile *Lantana camara* cultivars. *HortScience*. 47:132-137.

Thetford, M., A.H. O'Donoghue, S.B. Wilson and H.E. Pérez. 2012. Softwood cutting propagation of three *Polygonella* wildflower species native to Florida. *J. Prop. Ornamental Plants*. 12(1)58-62.

Campbell, K.R., S.B. Wilson, P.C. Wilson, and Z. He. 2011. Interactive online tools for teaching plant identification. *HortTechnology* 21:504-508.

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R. Qian, R., S.B. Parrish, S.B. Wilson, and Z. Deng . 2020. Morphological and cytological characterization of six portweed selections. *HortScience*.

Kalaman, H., S.B. Wilson, R.E. Mallinger, and G.W. Knox. 2020. Evaluating Floral Attraction for Foraging Bee Communities in Native and Non-native Garden Plots. *HortScience*.

Rycnya, J., S.B. Wilson, Z. Deng, G. Knox and B. Iannone. 2020. Evaluation of 25 *Nandina domestica* (heavenly bamboo) cultivars for invasive potential in Florida. *HortScience*

Trigiano, R.N., S.B. Wilson, and C.N. Steppe. 2019. *Helianthus verticillatus* – A potential landscape plant. *HortSci*. Abstract.

Steppe, C., S.B. Wilson, and Z. Deng. 2019. Evaluation of invasive potential of *Lantana montevidensis*. Proceedings Florida State Horticulture Society, Orlando, FL. (abstract, paper and oral presentation).

Steppe, C., S.B. Wilson, Z. Deng, K. Druffel, and G. Knox. 2019. Landscape performance and fruiting of 8 *Lantana montevidensis* selections grown in north and south Florida. Center for Landscape Conservation and Ecology Research Summit. Abstract, poster and oral contribution.

Steppe, C., C. Peterson, and S.B. Wilson. 2019. Seed Propagation of *Paronychia chartacea* ssp. *chartacea*. Rare Plant Task Force Conference. Jacksonville, FL. (oral presentation)

Steppe, C., S.B. Wilson, Z. Deng, and G. Knox. 2019. Landscape performance and invasive potential of 8 *Lantana montevidensis* cultivars grown in north and south Florida. Florida Exotic Pest Plant Council. Abstract and poster.

Kalaman, H, G. Knox and S.B. Wilson. 2019. Promoting research-verified pollinator plants to enhance overall pollinator health. HortTechnology. Submitted.

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Iannone, B.V., W. Wilber, A.G. Dale, S.B. Wilson and B. Moffis. Multispecies lawns: An alternative strategy for water conservation and pest regulation. UF/IFAS Center for Landscape Ecology and Conservation. \$5,000.

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