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EDUCATIONAL BACKGROUND

Penn State University	Horticulture	Ph.D.	1994
Clemson University	Horticulture	M.S.	1990
University of Tennessee	Horticulture	B.S.	1988

EMPLOYMENT

University of Florida	Professor	2007-present
University of Florida	Associate Professor	2001-2007
University of Florida	Assistant Professor	1995-2001
Penn State University	PhD Candidate	1990-1994
Clemson University	MS candidate	1988-1990

LEADERSHIP AND MENTORING ACTIVITIES

Founding Director – UF/IFAS Plant Innovation Center (2007-2017)
 Officer – Fred C. Gloeckner Foundation (2015-present)
 Teaching: ORH 1030 – Plants Gardening & You – 750 students per year (2007-present)
 Advisor: Collegiate Plant Initiative

PATENTS AND TRADEMARKS:

2007 US Patent 7,192,913: *Enhancing the Fragrance of an Article*
 2005 US Patent 7,217,859: *Genetic Elements Conferring Flower Petal Specific Transgene Expression*
 2005 US Patent 7,253,340: *Floral organ tissue-specific expression of isopentenyl transferase*

US PLANT PATENTS

2023 US Plant Patent PP 34,899-P2: *Coleus scutellarioides* 'UF19-79-2' 'Mainstreet Yonge Street'
 2022 US Plant Patent PP 34,848-P2: *Coleus scutellarioides* 'UF18-51-6' 'Mainstreet Orchard Road'
 2022 US Plant Patent PP 34,066: *Plectranthus scutellarioides* 'UF18-62-10' 'Vulcan'
 2022 US Plant Patent PP 34,005: *Plectranthus scutellarioides* 'UF17-109-9' 'Spitfire'
 2022 US Plant Patent PP 34,041: *Plectranthus scutellarioides* 'UF17-52-25' 'Copperhead'
 2022 US Plant Patent PP 34,042: *Plectranthus scutellarioides* 'UF17-52-13' 'Limewire'
 2021 US Plant Patent PP 33,533: *Solenostemon scutellarioides* 'UF18-97-2' 'Mainstreet Bay Street'
 2021 US Plant Patent PP 33,343: *Solenostemon scutellarioides* 'UF17-128-7' 'Stained Glassworks Spacecake'
 2021 US Plant Patent PP 33,345: *Solenostemon scutellarioides* 'UF15-4-43' 'Le Freak'
 2021 US Plant Patent PP 33,344: *Solenostemon scutellarioides* 'UF17-11-5' 'Dragons Heart'
 2021 US Plant Patent PP 33,540: *Solenostemon scutellarioides* 'UF15-11-3' 'Flamethrower Cajun Spice'
 2021 US Plant Patent PP 32,778: *Solenostemon scutellarioides* 'UF17-128-17' 'Stained Glassworks Eruption'
 2021 US Plant Patent PP 32,934: *Solenostemon scutellarioides* 'UF17-64-1' 'Mainstreet Beale Street'
 2021 US Plant Patent PP 32,980: *Solenostemon scutellarioides* 'UF17-50-5' 'Mainstreet Alligator Alley'
 2021 US Plant Patent PP 32,873: *Solenostemon scutellarioides* 'UF16-91-25' 'Heartbreaker'
 2020 US Plant Patent PP 31,425: *Solenostemon scutellarioides* 'UF15-97-9' 'Flamethrower Salsa Roja'
 2019 US Plant Patent PP 30,970: *Solenostemon scutellarioides* 'UF15-6-28' 'Flamethrower Serrano'
 2019 US Plant Patent PP 30,969: *Solenostemon scutellarioides* 'UF15-20-6' 'Pinkplosion'
 2019 US Plant Patent PP 30,917: *Ocimum hybrid* 'UF16-23-2' 'Amazel'
 2019 US Plant Patent PP 30,622: *Solenostemon scutellarioides* 'UF16-5-6' 'Mainstreet Ocean Drive'

2019 US Plant Patent PP 30,621: *Solenostemon scutellarioides* 'UF16-27-1' 'Mainstreet Chartres Street'
 2019 US Plant Patent pp 30,586: *Solenostemon scutellarioides* 'UF16-1-20' 'Sedona Sunset'
 2019 US Plant Patent PP 30,585: *Solenostemon scutellarioides* 'UF16-88-9' 'Stained Glassworks Royalty'
 2019 US Plant Patent PP 30,584: *Solenostemon scutellarioides* 'UF16-64-1' 'Mainstreet Ruby Road'
 2019 US Plant Patent PP 30,570: *Solenostemon scutellarioides* 'UF16-72-8' 'Mainstreet La Rambla'
 2018 US Plant Patent PP 29,820: *Solenostemon scutellarioides* 'UF14-24-1' 'Flamethrower Salsa Verde'
 2017 US Plant Patent PP 28,591: *Solenostemon scutellarioides* 'UF 13-26-7' 'Inferno'
 2017 US Plant Patent PP 28,566: *Solenostemon scutellarioides* 'UF 13-42-4' 'Ruby Slipper'
 2017 US Plant Patent PP 28,517: *Solenostemon scutellarioides* 'UF 13-48-27' 'French Quarter'
 2016 US Plant Patent PP 27,269: *Solenostemon scutellarioides* 'UF 12-22-1' 'Campfire'
 2016 US Plant Patent PP 27,288: *Solenostemon scutellarioides* 'UF12-82-3' 'Flamethrower Chipotle'
 2016 US Plant Patent PP 27,500: *Solenostemon scutellarioides* 'UF 12-74-3' 'Marquee Special Effect'
 2016 US Plant Patent PP 27,499: *Solenostemon scutellarioides* 'UF 12-73-5' 'Flamethrower Spiced Curry'
 2016 US Plant Patent PP 27,076: *Solenostemon scutellarioides* 'UF 08-5-10' 'Marquee Blonde Bombshell'
 2016 US Plant Patent PP 27,077: *Solenostemon scutellarioides* 'UF 09-8-37' 'Marquee Box Office Bronze'
 2016 US Plant Patent PP 27,078: *Solenostemon scutellarioides* 'UF 08-19-10' 'Marquee Red Carpet'
 2016 US Plant Patent PP 27,126: *Solenostemon scutellarioides* 'UF 10-45-12' 'Coleosaurus'
 2016 US Plant Patent PP 27,140: *Solenostemon scutellarioides* 'UF 12-30-6' 'Lime Time'
 2015 US Plant Patent PP 25,653: *Solenostemon scutellarioides* 'UF 11-74-5' 'Mainstreet Gran Via'
 2015 US Plant Patent PP 25,652: *Solenostemon scutellarioides* 'UF 12-6-2' 'Mainstreet Sunset Boulevard'
 2015 US Plant Patent PP 25,626: *Solenostemon scutellarioides* 'UF 12-35-9' 'Mainstreet Wall Street'
 2015 US Plant Patent PP 25,651: *Solenostemon scutellarioides* 'UF 12-62-2' 'Mainstreet River Walk'
 2015 US Plant Patent PP 25,650: *Solenostemon scutellarioides* 'UF 12-87-9' 'Mainstreet Oxford Street'
 2015 US Plant Patent PP 25,627: *Solenostemon scutellarioides* 'UF 11-74-12' 'Gator Glory'
 2013 US Plant Patent PP 23,585: *Solenostemon scutellarioides* 'UF 08-4-3' 'Wasabi'
 2013 US Plant Patent PP 23,586: *Solenostemon scutellarioides* 'UF 08-17-4' 'Sultana'
 2010 US Plant Patent PP 21,602: *Solenostemon scutellarioides* 'UF 06-04-19' 'Trusty Rusty'
 2010 US Plant Patent PP 21,585: *Solenostemon scutellarioides* 'UF 06-04-06' 'Redhead'
 2001 US Plant Patent PP 11,989: *Pelargonium domesticum* 'PSU 93-30-13' 'Fascination'
 2000 US Plant Patent PP 11,697: *Pelargonium domesticum* 'PSU 93-11-4' 'Dandy'

2019 US Trademark 5,777,514: *Ocimum hybrid* 'UF16-23-2' 'Amazel'
 2016 US Trademark 4,932,608: *Solenostemon scutellarioides* 'UF 04-33-5' 'Velveteen'
 2016 US Trademark 4,932,607: *Solenostemon scutellarioides* 'UF 03-8-10' 'Apple Brandy'
 2014 US Trademark 4,648,352: *Solenostemon scutellarioides* 'UF 08-43-23' 'Alligator Tears'
 2014 US Trademark 4,648,351: *Solenostemon scutellarioides* 'UF 10-8-1' 'Marooned'
 2014 US Trademark 4,648,350: *Solenostemon scutellarioides* 'UF 09-8-87' 'Keystone Kopper'
 2009 US Trademark 3,572,523: *Solenostemon scutellarioides* 'UF 04-33-5' 'Electric Lime'
 2009 US Trademark 3,575,333: *Solenostemon scutellarioides* 'UF 03-8-10' 'Royal Glissade'
 2009 US Trademark 3,575,332: *Solenostemon scutellarioides* 'UF 03-6-1' 'Twist and Twirl'
 2009 US Trademark 3,639,475: *Solenostemon scutellarioides* 'UF 06-2-78' 'Pineapple Splash'
 2009 US Trademark 3,651,961: *Solenostemon scutellarioides* 'UF 06-40-01' 'Big Red Judy'
 2009 US Trademark 3,651,962: *Solenostemon scutellarioides* 'UF 06-4-18' 'Velvet Mocha'
 2007 US Trademark 3,639,476: *Solenostemon scutellarioides* 'UF 04-69-01' 'Splish Splash'

2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-20-5' 'Stained Glassworks Crown Jewel'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-34-1' 'Stained Glassworks Flashbulb'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-103-3' 'Mainstreet Portage Avenue'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-140-2' 'Mainstreet Ashbury Street'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-144-1' 'Stained Glassworks Pineapple Express'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-27-11' 'Talavera Burgundy Lime'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-73-3' 'Talavera Pink Tricolor'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-93-9' 'Talavera Sienna'

2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF20-134-1' 'Talavera Moondust'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF19-82-2' 'MS Bourbon Street'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF19-42-14' 'MS Venice Boulevard'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF19-7-4' 'Stained Glassworks Palisade'
 2022 US Plant Patent Applied For: *Coleus scutellarioides* 'UF19-40-7' 'MS Magnificent Mile'

UF CULTIVAR RELEASES:

UF20-20-5 – released in 2022 - commercialized in 2022 by Dummen Co. as 'Stained Glassworks Crown Jewel'
 UF20-34-1 – released in 2022 - commercialized in 2022 by Dummen Co. as 'Stained Glassworks Flashbulb'
 UF20-103-3 – released in 2022 - commercialized in 2022 by Dummen Co. as 'Mainstreet Portage Avenue'
 UF20-140-2 – released in 2022 - commercialized in 2022 by Dummen Co. as 'Mainstreet Ashbury Street'
 UF20-144-1 – released in 2022 - commercialized in 2022 by Dummen Co. as 'Stained Glassworks Pineapple Express'
 UF20-27-11 – released in 2022 - commercialized in 2023 by Syngenta Co. as 'Talavera Burgundy Lime'
 UF20-73-3 – released in 2022 - commercialized in 2023 by Syngenta Co. as 'Talavera Pink Tricolor'
 UF20-93-9 – released in 2022 - commercialized in 2023 by Syngenta Co. as 'Talavera Sienna'
 UF20-134-1 – released in 2022 - commercialized in 2023 by Syngenta Co. as 'Talavera Moondust'
 UF18-51-6 – released in 2022 - commercialized in 2021 by Dummen Co. as 'Mainstreet Orchard Road'
 UF19-7-4 – released in 2022 - commercialized in 2021 by Dummen Co. as 'Stained Glassworks Palisade'
 UF19-40-7 – released in 2022 - commercialized in 2021 by Dummen Co. as 'Mainstreet Magnificent Mile'
 UF19-42-14 – released in 2022 - commercialized in 2021 by Dummen Co. as 'Mainstreet Venice Boulevard'
 UF19-79-2 – released in 2022 - commercialized in 2021 by Dummen Co. as 'Mainstreet Yonge Street'
 UF19-82-2 – released in 2022 - commercialized in 2021 by Dummen Co. as 'Mainstreet Bourbon Street'
 U20-138-1 – released in 2022 - commercialized in 2022 by ProvenWinners Co. as 'Colorblaze Mini Me Watermelon'
 UF18-62-10 – released in 2021 - commercialized in 2021 by Ball Horticultural Co. as 'Vulcan'
 UF17-109-9 – released in 2021 - commercialized in 2021 by Ball Horticultural Co. as 'Spitfire'
 UF17-52-25 – released in 2021 - commercialized in 2021 by Ball Horticultural Co. as 'Copperhead'
 UF17-52-13 – released in 2021 - commercialized in 2021 by Ball Horticultural Co. as 'Limewire'
 UF19-65 – released in 2020 - commercialized in 2021 by ProvenWinners Co. as 'Pesto Besto'
 UF19-72 – released in 2020 - commercialized in 2022 by Bonnie Plants/Scotts Company
 UF18-97-2 – released in 2020 - commercialized in 2020 by Dummen Co. as 'Mainstreet Bay Street'
 UF17-128-7 – released in 2020 - commercialized in 2020 by Dummen Co. as 'Stained Glassworks Spacecake'
 UF15-4-43 – released in 2020 - commercialized in 2020 by Dummen Co. as 'Le Freak'
 UF17-11-5 – released in 2020 - commercialized in 2020 by Ball Horticultural Co. as 'Dragons Heart'
 UF15-11-3 – released in 2020 - commercialized in 2020 by Ball Horticultural Co. as 'Flamethrower Cajun Spice'
 UF17-92-7 – released in 2020 - commercialized in 2020 by ProvenWinners Co. as 'Colorblaze Royal Pineapple'
 UF17-73-7 – released in 2019 - commercialized in 2020 by ProvenWinners Co. as 'Colorblaze Wicked Witch'
 UF17-52-2 – released in 2019 - commercialized in 2020 by ProvenWinners Co. as 'Colorblaze Wicked Hot'
 UF17-128-17 – released in 2019 - commercialized in 2019 by Dummen Co. as 'Stained Glassworks Eruption'
 UF17-64-1 – released in 2019 - commercialized in 2019 by Dummen Co. as 'Mainstreet Beale Street'
 UF17-50-5 – released in 2019 - commercialized in 2019 by Dummen Co. as 'Mainstreet Alligator Alley'
 UF17-48-3 – released in 2019 - commercialized in 2019 by Dummen Co. as 'Mainstreet Boston'
 UF16-91-25 – released in 2019 - commercialized in 2019 by Ball Horticultural Co. as 'Heartbreaker'
 UF16-9-3 – released in 2018 - commercialized in 2018 by ProvenWinners Co. as 'Rediculous'
 UF15-6-28 – released in 2018 - commercialized in 2018 by Ball Horticultural Co. as 'Flamethrower Serrano'
 UF15-97-9 – released in 2018 - commercialized in 2018 by Ball Horticultural Co. as 'Flamethrower Salsa Roja'
 UF15-20-6 – released in 2018 - commercialized in 2018 by Ball Horticultural Co. as 'Pinkplosion'
 UF16-23-2 – released in 2018 - commercialized in 2018 by ProvenWinners Co. as 'Amazel'
 UF14-24-1 – released in 2017 - commercialized in 2017 by Ball Horticultural Co. as 'Flamethrower Salsa Verde'
 UF16-1-20 – released in 2017 - commercialized in 2017 by ProvenWinners Co. as 'Sedona Sunset'
 UF16-5-6 – released in 2017 - commercialized in 2017 by Dummen Co. as 'Mainstreet Ocean Drive'

UF16-14-3 – released in 2017 - commercialized in 2017 by ProvenWinners Co. as ‘Colorblaze Cherry Brandy’
 UF16-14-5 – released in 2017 - commercialized in 2017 by ProvenWinners Co. as ‘Colorblaze Torchlight’
 UF16-27-1 – released in 2017 - commercialized in 2017 by Dummen Co. as ‘Mainstreet Chartres Street’
 UF16-45-18 – released in 2017 - commercialized in 2017 by Dummen Co.. as ‘Stained Glassworks Crown Jewel’
 UF16-64-1 – released in 2017 - commercialized in 2017 by Dummen Co. as ‘Mainstreet Ruby Road’
 UF16-72-8 – released in 2017 - commercialized in 2017 by Dummen Co.. as ‘Mainstreet La Rambla’
 UF16-88-9 – released in 2017 - commercialized in 2017 by Dummen Co. as ‘Stained Glassworks Royalty’
 UF13-26-7 – released in 2016 - commercialized in 2016 by Ball Horticultural Co. as ‘Inferno’
 UF13-42-4 – released in 2016 - commercialized in 2016 by Ball Horticultural Co. as ‘Ruby Slipper’
 UF13-48-27 – released in 2016 - commercialized in 2016 by Ball Horticultural Co. as ‘French Quarter’
 UF12-73-5 – released in 2015 - commercialized in 2015 by Ball Horticultural Co. as ‘Flame Thrower Spiced Curry’
 UF12-74-3 – released in 2015 - commercialized in 2015 by Ball Horticultural Co. as ‘Marquee Special Effect’
 UF13-6-11 – released in 2015 - commercialized in 2015 by ProvenWinners Co. as ‘Velveteen’
 UF08-5-10 – released in 2014 - commercialized in 2014 by Ball Horticultural Co. as ‘Marquee Blonde Bombshell’
 UF08-19-10 – released in 2014 - commercialized in 2014 by Ball Horticultural Co. as ‘Marquee Red Carpet’
 UF09-8-37 – released in 2014 - commercialized in 2014 by Ball Horticultural Co. as ‘Box Office Bronze’
 UF10-45-12 – released in 2014 - commercialized in 2014 by Ball Horticultural Co. as ‘Coleosaurus’
 UF12-70-7 – released in 2014 - commercialized in 2014 by ProvenWinners Co. as ‘Apple Brandy’
 UF12-30-6 – released in 2014 - commercialized in 2014 by ProvenWinners Co. as ‘Lime Time’
 UF12-46-2 – released in 2014 - commercialized in 2014 by Dummen Co. as ‘Mainstreet Abbey Road’
 UF12-85-28 – released in 2014 - commercialized in 2014 by Dummen Co. as ‘Mainstreet Broadway’
 UF12-86-9 – released in 2014 - commercialized in 2014 by Dummen Co. as ‘Mainstreet Fifth Avenue’
 UF12-22-1 – released in 2014 - commercialized in 2014 by Ball Horticultural Co. as ‘Campfire’
 UF12-64-1 – released in 2014 - commercialized in 2014 by Ball Horticultural Co. as TBA
 UF12-82-3 – released in 2014 - commercialized in 2014 by Ball Horticultural Co. as ‘Flame Thrower Chipotle’
 UF11-23-7 – released in 2013 - commercialized in 2013 by ProvenWinners Co. as ‘Ruby Dream’
 UF11-23-31 – released in 2013 - commercialized in 2013 by ProvenWinners Co. as ‘Golden Dream’
 UF11-73-8 – released in 2013 - commercialized in 2013 by ProvenWinners Co. as ‘Cranberry Bog’
 UF11-77-18 – released in 2013 - commercialized in 2013 by ProvenWinners Co. as ‘The Whirlpool’
 UF11-74-5 – released in 2013 - commercialized in 2013 by Dummen Co. as ‘Mainstreet Gran Via’
 UF12-6-2 – released in 2013 - commercialized in 2013 by Dummen Co. as ‘Mainstreet Sunset Boulevard’
 UF12-9-2 – released in 2013 - commercialized in 2013 by Dummen Co. as ‘TBA’
 UF12-35-9 – released in 2013 - commercialized in 2013 by Dummen Co. as ‘Mainstreet Wall Street’
 UF12-62-2 – released in 2013 - commercialized in 2013 by Dummen Co. as ‘Mainstreet River Walk’
 U12-87-9 – released in 2013 - commercialized in 2013 by Dummen Co. as ‘Mainstreet Oxford Street’
 UF 11-74-12 – released in 2013 - commercialized in 2013 by The University of Florida as ‘Gator Glory’
 UF10-8-1 – released in 2012 - commercialized in 2012 by ProvenWinners Co. as ‘Marooned’
 UF10-61-13 – released in 2012 - commercialized in 2012 by ProvenWinners Co. as ‘Spumoni’
 UF10-81-1 – released in 2012 - commercialized in 2012 by ProvenWinners Co. as ‘Neptune’s Net’
 UF08-4-3 – released in 2011 - commercialized in 2011 by Ball Horticultural Co. as ‘Wasabi’
 UF08-17-4 – released in 2011 - commercialized in 2011 by Ball Horticultural Co. as ‘Sultana’
 UF08-46-24 – released in 2011 – commercialized in 2011 by Cottage Hill Farms as ‘Radiant Panache’
 UF09-6-1 – released in 2011 – commercialized in 2011 by Cottage Hill Farms as ‘Lemon Zinger’
 UF09-27-1 – released in 2011 – commercialized in 2011 by Cottage Hill Farms as ‘Velour Magic’
 UF09-8-57 – released in 2011 - commercialized in 2011 by ProvenWinners Co. as ‘Cocomint’
 UF09-8-87 – released in 2011 - commercialized in 2011 by ProvenWinners Co. as ‘Keystone Kopper’
 UF09-18-1 – released in 2011 - commercialized in 2011 by ProvenWinners Co. as ‘Burgundy Lace’
 UF07-10-10 – released in 2010 - commercialized in 2010 by ProvenWinners Co. as ‘Rebel Rouser’
 UF07-24-5 – released in 2010 - commercialized in 2010 by ProvenWinners Co. as ‘Dirty Martini’
 UF08-19-12 – released in 2010 - commercialized in 2010 by ProvenWinners Co. as ‘Cordial Cherry’
 UF08-43-23 – released in 2010 - commercialized in 2010 by ProvenWinners Co. as ‘Alligator Tears’
 UF06-12-19 – released in 2009 - commercialized in 2009 by ProvenWinners Co. as ‘Sunset Strip’
 UF06-13-65 – released in 2009 - commercialized in 2009 by ProvenWinners Co. as ‘Radical Wonder’

UF06-13-132 – released in 2009 - commercialized in 2009 by ProvenWinners Co. as ‘Snazzy’
 UF06-21-35 – released in 2008 - commercialized in 2008 by ProvenWinners Co. as ‘Limon Blush’
 UF06-04-06 – released in 2008 - commercialized in 2010 Ball Horticultural Co. as ‘Redhead’
 UF06-04-19 – released in 2008 - commercialized in 2010 Ball Horticultural Co. as ‘Trusty Rusty’
 UF04-33-5 – released in 2006 - commercialized in 2006-7 Ball Horticultural Co. as ‘Electric Lime’
 UF04-47-64 – released in 2006 - commercialized in 2006-7 by ProvenWinners Co. as ‘Frisly Milly’
 UF04-69-01 – released in 2006 - commercialized in 2006-7 by ProvenWinners Co. as ‘Splish Splash’
 UF06-2-78 – released in 2006 - commercialized in 2006-7 by ProvenWinners Co. as ‘Pineapple Splash’
 UF06-4-18 – released in 2006 - commercialized in 2006-7 by ProvenWinners Co. as ‘Lancelot’
 UF06-21-30 – released in 2006 - commercialized in 2006-7 by ProvenWinners Co. as ‘Lemon Sunstation’
 UF06-40-01 – released in 2006 - commercialized in 2006-7 by ProvenWinners Co. as ‘Big Red Judy’
 UF03-6-1 – released in 2005 - commercialized in 2005-6 by ProvenWinners Co. as ‘Twist n’ Twirl’
 UF03-8-10 – released in 2005 - commercialized in 2005-6 by ProvenWinners Co. as ‘Royal Glissade’

REFEREED PUBLICATIONS:

Deng Z., K. Bhattarai, S. Sharma, S. Verma, N. Peres, S. Xiao, D. Clark in press. Construction of a genome-wide genetic linkage map and identification of quantitative trait loci for powdery mildew resistance in Gerbera daisy. *Frontiers in Plant Science*.

Leong B.J., J.S. Folz, U. Bathe, D.G. Clark, O. Fiehn, A.D. Hanson 2022. Fluoroacetate distribution, response to fluoridation and synthesis in juvenile *Gastrolobium bilobum* plants. *Phytochemistry* 202: 113356.

Cho, K.H., A.E. Vieira, J.Y. Kim, D.G. Clark, T.A. Colquhoun 2021. Transformation of *Kalanchoe pinnata* by *Agrobacterium tumefaciens* with ZSGreen1. *Plant Cell, Tissue and Organ Culture* 1-7.

Li, M., V. Coneva, D. Clark, M. Frank 2021. Quantitative Dissection of Color Patterning in the Foliar Ornamental Coleus Reveals Underlying Features Driving Aesthetic Value. *Plant Physiology* 187: 1310-1324.

Nguyen C, J. Chen, Clark D., H. Perez, [Huo HQ](#) 2021. Effects of maternal environment on Seed Germination and Seedling Vigor of *Petunia x hybrida* Under Different Abiotic Stresses. *Plants* 10:581.

Bhattarai K, A Conesa, S Xiao, NA Peres, DG Clark, S Parajuli, Z Deng 2020. Sequencing and analysis of gerbera daisy leaf transcriptomes reveal disease resistance and susceptibility genes differentially expressed and associated with powdery mildew resistance. *BMC Plant Biology* 20:1-17.

Xiang DY, Nguyen C, Clark D., [Huo HQ](#) 2020. Effects of Melatonin and AVG in alleviating dark-induced plant deterioration of three Pilea species. *The Horticulture Journal* 89:609-618.

Xiang DY, Nguyen C, Fletcher L., Clark D. [Huo HQ](#) 2020. Effects of preharvest LED light, melatonin and AVG treatments on the quality and vase life of postharvest cut snapdragons. *Flower and Landscaping Journal* 6:14-19.

Kim, J.Y., Swanson, R.T., Alvarez, M.I., Johnson, T.S., Cho, K.H., Clark, D.G., Colquhoun, T.A. 2019. Down Regulation of P-coumarate 3-hydroxylase in Petunia Uniquely Alters the Profile of Emitted Floral Volatiles. *Scientific Reports*: 9(1):8852.

Cho, K.H., Kim, J.Y., Tester, J.M., Valad, L.K., Alvarez, M.I., Colquhoun, T.A., Laux, V.Y., and Clark, D.G. 2019. Strong fluorescence expression of ZsGreen1 in petunia flowers by *Agrobacterium*-mediated transformation. *J. Amer. Soc. Hort. Sci.* 144:405-413.

Cho, K.H., Laux, V.Y., Kim, J.Y., Wallace-Springer, N., Clark, D.G., Folta, K.M., and Colquhoun, T.A., 2019. Effects of Light Quality on Vegetative Cutting and In Vitro Propagation of Coleus (*Plectranthus scutellarioides*). *HortScience* 54(5):926-935.

- Sun, J., Sigler, C., Beaudoin, G., Joshi, J., Patterson, J., Cho, K., Ralat, M., Gregory, J., Clark, D., Deng, Z., Colquhoun, T., and Hanson A. 2019. Parts-prospecting For a High-efficiency Thiamin Thiazole Biosynthesis Pathway. *Plant Physiology* 179:958-968.
- Mennella, J., Colquhoun, T. A., Bobowski, N.K., Olmstead, J.W., Bartoshuk, L., and Clark, D.G. 2017. Farm to Sensory Lab: Taste of Blueberry Fruit by Children and Adults. *Journal of Food Science* 82:1713-1719.
- Dewar, P. E., Keene, S. A., Kalk, T. N., Clark, D. G., & Colquhoun, T. A. 2016. Identifying the Drivers of a Foliage Plant Purchasing Decision via Contemporary Psychophysics. *J Hortic*, 3(177), 2376-0354.
- Johnson, T. S., Schwieterman, M. L., Kim, J. Y., Cho, K. H., Clark, D. G., & Colquhoun, T. A. 2016. Lilium floral fragrance: A biochemical and genetic resource for aroma and flavor. *Phytochemistry*, 122, 103-112.
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MEMBERSHIP AND ACTIVITIES IN THE PROFESSION

Member – Society of American Florists (2010-present)

Member – American Society for Horticultural Science (1988-present)

Member – American Society for Plant Biologists (1992-present)

Member – Alpha Zeta ag honors society (1994-present)

Member – Gamma Sigma Delta ag honors society (1994-present)

AWARDS

Penn State University College of Agricultural Sciences Outstanding Alumnus – 2018

Penn State University Armsby Honors Society – 2018

Society of American Florists Gold Medal Award – 2014

University of Florida Research Foundation Professorship – 2013

PERSONAL STATEMENT – DAVID CLARK

I am a Professor of Horticultural Biotechnology & Genetics in the Environmental Horticulture Department at UF-IFAS. I joined the faculty in June 1995 following completion of a doctoral degree in Horticulture from the Pennsylvania State University. With a background in physiology, genetics and molecular biology of flowering crops, I was hired to develop a new biotechnology program for floriculture crops to bridge the gap between the basic and applied sciences, and teach in my areas of expertise. My lab has conducted research in basic plant molecular biology with a focus on functional genomics and gene function analysis, developing the tools necessary to both genetically engineer and conventionally breed better ornamental plants.

In teaching I was instrumental in developing the course ORH1030 *Plant Gardening & You*, a class for all majors on campus designed to teach students how plants influence their daily lives. Since 2008, enrollment in ORH1030 has grown from 75 students per year to over 700 per year, and attendance rate averages over 95% each semester. During that time, I have distributed over 100,000 plants to students in ORH1030, and now 90% of all students bring a friend to class at least one day each semester. Beyond UF, this teaching effort led to the formation of the new Collegiate Plant Initiative, a student-run non-profit organization focused on connecting college students to plants and opportunities in the plant industry.

I have expanded my research group over the last decade to include an applied focus on tropical plants, developing a conventional breeding program for the production of new varieties. In the past decade our Coleus Breeding Program has released over 90 new varieties of colorful annual bedding plants that are now growing in summer gardens across the US, Canada, Europe and Asia. Using royalties generated from the coleus program, we have now expanded breeding efforts into other crops including disease resistant culinary basil, hardy hibiscus and kenaf.