

BASIL V IANNONE III, Ph.D.

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RESEARCH OVERVIEW

My research and extension work broadly focus on the ecology of human-dominated, urban and residential landscapes. Within this context, I am interested in biological invasions, spatial ecology, and in how to design, construct, and manage residential and urban landscapes to support greater levels of biodiversity and ecological functionality. My research projects are interdisciplinary and employ a wide range of geospatial and statistical tools, and observational, experimental, and modeling approaches.

EDUCATION

- 2013 Ph.D. Ecology and Evolution Program, Biological Sciences. University of Illinois at Chicago (UIC)
Dissertation: Utilizing multiple approaches to understand the ecology of *Rhamnus cathartica* L. invasion and management.
Co-Advisors: Dr. David H. Wise (UIC) and Dr. Liam Heneghan (Dept. Environmental Science and Studies, DePaul University).
- 2007 M.S. Ecology, Evolution, and Behavior. University of Minnesota
Thesis: Evaluation of resource-limiting strategies intended to facilitate sedge meadow restorations by preventing *Phalaris arundinacea* L. invasion.
Advisor: Dr. Susan M. Galatowitsch.
- 2001 – 2003 Pre-M.S. coursework. Dept. of Fisheries and Wildlife Biology, Colorado State University; and Dept. of Science, Front Range Community College
- 1993 B.M. Music Performance. West Chester University

PUBLICATIONS (research)

- Nunez-Mir, G. C., Q. Guo, M. Rejmanek, **B. V., III, Iannone**, and S. Fei. 201 (*Online first*). Predicting invasiveness of exotic woody species using a traits-based framework. *Ecology*. <https://doi.org/10.1002/ecy.2797>.

- Iannone, B. V., III**, K. M. Potter, Q. Guo, I. Jo, C. M. Oswalt, and S. Fei. 2018. Environmental harshness drives spatial heterogeneity in biotic resistance. *NeoBiota* 40:87-105. <https://neobiota.pensoft.net/article/28558>
- Riitters, K., K. M. Potter, **B. V., III, Iannone**, C. M. Oswalt, Q. Guo, and S. Fei. 2018. Exposure of protected and unprotected forest to plant invasions in eastern United States. *Forests* 9:723-735. <https://doi.org/10.3390/f9110723>
- Shao, G., **B. V., III, Iannone**, and S. Fei. 2018. Enhanced forest interior estimations utilizing lidar-assisted 3D forest cover map. *Ecological Indicators* 93: 1236-1243. <https://doi.org/10.1016/j.ecolind.2018.06.037>
- Guo, Q., S. Fei, Z. Shen, **B. V., III, Iannone**, J. Knott, and S. Chown. 2018. A global analysis of elevational distribution of nonnative versus native plants. *Journal of Biogeography* 45:793-803. <https://onlinelibrary.wiley.com/doi/full/10.1111/jbi.13145>.
- Riitters, K., K. Potter, **B.V., III, Iannone**, C. Oswalt, S. Fei, and Q. Guo. 2018 (*Editor's choice*). Landscape correlates of forest plant invasions: a high-resolution analysis across the eastern United States. *Diversity and Distributions* 24:274-284. <https://onlinelibrary.wiley.com/doi/full/10.1111/ddi.12680>.
- Clark, T., **B. V., III, Iannone**, and S. Fei. 2018. Measuring macroscale invasion and dispersal patterns in the eastern US. *Journal of Plant Ecology* 1: 64-72. http://web.ics.purdue.edu/~sfei/documents/Metrics_Clark_et_al.pdf
- Guo, Q., **B. V., III, Iannone**, G. C. Nunez-Mir, K. M. Potter, C. M. Oswalt, and S. Fei. 2017. Species pool, human population, and global versus regional invasion patterns. *Landscape Ecology* 32:229-238. <http://link.springer.com/article/10.1007/s10980-016-0475-6>
- Nunez-Mir, G. C., J. M. Desprez, **B. V., III, Iannone**, T. Clark, and S. Fei. 2017. An automated content analysis of forestry research: are socioecological challenges being addressed? *Journal of Forestry* 115:1-9. <http://www.ingentaconnect.com/content/saf/jof/pre-prints/content-jof15144>
- Nunez-Mir, G. C., **B. V., III, Iannone**, B. Pijanowski, N. Kong, and S. Fei. 2016. Automated content analysis: addressing the big literature challenge in ecology and evolution. *Methods in Ecology and Evolution* 7:1262-1272. <http://onlinelibrary.wiley.com/doi/10.1111/2041-210X.12602/full>
- Iannone, B. V. III**, K. M. Potter, C. M. Oswalt, Q. Guo, A. M. Liebhold, B. C. Pijanowski, and S. Fei. 2016. Invasion hotspots: a trait-based perspective reveals new insights into macroscale patterns. *Ecography* 39:961-969. <http://onlinelibrary.wiley.com/doi/10.1111/ecog.01973/abstract>

- Iannone, B. V. III**, K. M. Potter, K. Dixon Hamil, W. Huang, H. Zhang, Q. Guo, C. M. Oswalt, C. W. Woodall, and S. Fei. 2016. Evidence of biotic resistance to invasions in forests of the Eastern USA. *Landscape Ecology* 31:85-99. <http://link.springer.com/article/10.1007/s10980-015-0280-7>
- Potter, K. M., F. H. Koch, C. M. Oswalt, and **B. V., III, Iannone**. 2016. Data, data everywhere: detecting spatial patterns in fine-scale ecological information collected across a continent. *Landscape Ecology* 31:67-84. <http://link.springer.com/article/10.1007/s10980-015-0295-0>
- Dixon Hamil, K. A., **B. V., III, Iannone**, W. K. Huang, S. Fei, and H. Zhang. 2016. Cross-scale contradictions in ecological relationships. *Landscape Ecology* 31:7-18. <http://link.springer.com/article/10.1007/s10980-015-0288-z>
- Iannone, B. V. III**, C. M. Oswalt, A. M. Liebhold, Q. Guo, K. M. Potter, G. C. Nunez-Mir, S. N. Oswalt, B. C. Pijanowski, and S. Fei. 2015. Region-specific pattern and drivers of macroscale forest plant invasions. *Diversity and Distributions* 21:1181-1192. <http://onlinelibrary.wiley.com/doi/10.1111/ddi.12354/full>
- Nunez-Mir, G. C., **B. V., III, Iannone**, K. Curtis, and S. Fei. 2015. Evaluating the evolution of forest restoration research in a changing world: a "big literature" review. *New Forests* 46:669-682. <http://link.springer.com/article/10.1007/s11056-015-9503-7>
- Guo, Q., S. Fei, J. S. Dukes, C. M. Oswalt, **B. V., III, Iannone**, and K. M. Potter. 2015. A unified approach to quantify invasibility and degree of invasion. *Ecology* 96:2613-2621. <http://www.esajournals.org/doi/abs/10.1890/14-2172.1>
- Oswalt, C., S. Fei, Q. Guo, **B. V., III, Iannone**, S. Oswalt, B. Pijanowski, and K. Potter. 2015. A subcontinental view of forest plant invasions using national inventory data. *NeoBiota* 24:49-51. <http://neobiota.pensoft.net/articles.php?id=4526>
- Iannone, B. V., III**, L. Heneghan, D. Rijal, and D. H. Wise. 2015. Below-ground causes and consequences of woodland shrub invasions: a novel paired-point framework reveals new insights. *Journal of Applied Ecology* 52:78-88. <http://onlinelibrary.wiley.com/doi/10.1111/1365-2664.12354/abstract>
- Desprez, J., **B. V., III, Iannone**, P. Yang, and S. Fei. 2014. Northward migration under a changing climate: a case study of blackgum (*Nyssa sylvatica*). *Climatic Change* 126:151-162. <http://link.springer.com/article/10.1007/s10584-014-1207-z>
- Iannone, B. V., III**, M. L. Zellner, and D. H. Wise. 2014. Modeling the impacts of life-history traits, canopy gaps, and establishment location on woodland shrub invasions. *Ecological Applications* 24:467-483. <http://www.esajournals.org/doi/abs/10.1890/13-0833.1>
- Iannone, B. V., III**, L. G. Umek, L. Heneghan, and D. H. Wise. 2013. Amending soil with mulched European buckthorn (*Rhamnus cathartica*) does not reduce reinvasion. *Ecological Restoration* 31:264-273. <http://er.uwpress.org/content/31/3/264.short>

- Iannone, B. V., III**, L. G. Umek, D. H. Wise, and L. Heneghan. 2012. A simple, safe, and effective sampling technique for investigating earthworm communities in woodland soils: implications for citizen science. *Natural Areas Journal* 32:283-292. <http://www.bioone.org/doi/abs/10.3375/043.032.0305>
- Iannone, B. V., III**, C. J. Rosen, and S. M. Galatowitsch. 2009. Soil nitrogen concentrations in a restored sedge meadow wetland as affected by the application of high C:N amendments. *Ecological Restoration* 27:193-199. <http://er.uwpress.org/content/27/2/193.short>
- Iannone, B. V., III**, S. M. Galatowitsch, and C. J. Rosen. 2008. Evaluation of resource-limiting strategies intended to prevent *Phalaris arundinacea* invasions in restored sedge meadows. *Ecoscience* 15:508-518. <http://www.bioone.org/doi/abs/10.2980/15-4-3190>
- Iannone, B. V., III**, and S. M. Galatowitsch. 2008. Altering light and soil N to limit *Phalaris arundinacea* reinvasion in sedge meadow restorations. *Restoration Ecology* 16:689-701. <http://onlinelibrary.wiley.com/doi/10.1111/j.1526-100X.2008.00481.x/full>
- Iannone, B. V., III**, and S. M. Galatowitsch. 2008. *Wet Meadow Revegetation Following Invasive Plant Control*. Minnesota Dept. of Transportation Research Service Division, St. Paul, MN. <http://conservancy.umn.edu/handle/11299/151676>

PUBLICATIONS (other)

Extension Publications

- Nighswander, G. P., M. E. Szoka, K. M. Hess, E. Z. Bean, G. Hansen de Chapman, and **B. V., III, Iannone**. A New Database on Trait-Based Selection of Stormwater Pond Plants. Publication FOR347, School of Forest Resources and Conservation Department, UF/IFAS. (2019). <https://edis.ifas.ufl.edu/fr416>.
- Escobedo, F., J. A. Seitz, W. Zipperer, and **B. V., III, Iannone**. Gainesville's Urban Forest Structure and Composition. Publication FOR2014, School of Forest Resources and Conservation Department, UF/IFAS. (2019). <http://edis.ifas.ufl.edu/fr276>.
- Empke, E. K., E. Becker, J. Lab, R. Hinkle, Escobedo, F., and **B. V., III, Iannone**. Orlando, Florida's Urban and Community Forests and Their Ecosystem Services. Publication FOR290, School of Forest Resources and Conservation Department, UF/IFAS. (2018). <http://edis.ifas.ufl.edu/fr358>.
- Escobedo, F., J. A. Seitz, W. Zipperer, and **B. V., III, Iannone**. Air Pollution Removal and Temperature Reduction by Gainesville's Urban Forest. Publication FOR216, School of Forest Resources and Conservation Department, UF/IFAS. (2018). <https://edis.ifas.ufl.edu/fr278>.

Escobedo, F., J. A. Seitz, W. Zipperer, and **B. V., III, Iannone**. Gainesville Florida's Urban Tree Cover. Publication FOR215, School of Forest Resources and Conservation Department, UF/IFAS. (2018). http://edis.ifas.ufl.edu/document_fr277.

Escobedo, F., J. A. Seitz, W. Zipperer, and **B. V., III, Iannone**. The Effect of Gainesville's Urban Trees on Energy Use of Residential Buildings. Publication FOR211, School of Forest Resources and Conservation Department, UF/IFAS. (2018). <http://edis.ifas.ufl.edu/fr273>.

Hagan, D., C. Dobbs, F. Escobedo, W. Zipperer, Z. Szantoi, and **B. V., III, Iannone**. Urban Soils in Gainesville, Florida, and Their Implications for Environmental Quality and Management. Publication FOR275, School of Forest Resources and Conservation Department, UF/IFAS. (2018). <https://edis.ifas.ufl.edu/fr337>.

Escobedo, F., J. Klein, M. Pace, Mayer, H., S. Varela, and **B. V., III, Iannone**. Miami-Dade County's Urban Forests and Their Ecosystem Services. Publication FOR285, School of Forest Resources and Conservation Department, UF/IFAS. (2018). <http://edis.ifas.ufl.edu/fr347>.

Reports

Paudyal, R., T. V. Stein, and **B. V., III, Iannone**. Visitor and Traffic Counter Installation and Calibration Assessment Palm Beach County Natural Areas, Florida. School of Forest Resources and Conservation, University of Florida (2018) pages 14.

Iannone, B. V., III, and S. M. Galatowitsch. Wet Meadow Revegetation Following Invasive Plant Control. Minnesota Dept. of Transportation Research Service Division, St. Paul, MN. (2008) pages 61. <http://conservancy.umn.edu/handle/11299/151676>.

Contributions to Newsletters and Blogs

Iannone, B. V., III. Trait-based Guidance for Stormwater Pond Plantings. UF/IFAS University of Florida Blogs. Jan (2019). <http://blogs.ifas.ufl.edu/extension/2019/01/12/trait-based-guidance-for-stormwater-pond-plantings/>

Iannone, B. V., III. What is Residential Landscape Ecology? UF/IFAS University of Florida Blogs. Sept (2018). <http://blogs.ifas.ufl.edu/extension/2018/09/27/what-is-residential-landscape-ecology/>

Iannone, B. V., III. Residential Landscape Ecology Lab. Understanding the Ecological Patterns and Processes of One of the Fastest Growing Land Cover Types in the US. Florida Association of Natural Resource Extension Professionals Newsletter. Summer (2018) 14-14. http://anrep.ifas.ufl.edu/documents/FANREP_newsletter_Summer2018.pdf

Iannone, B. V., III. Understanding Spatial Ecology In and Around Residential Landscapes. UF/IFAS Center for Landscape Conservation and Ecology 2017-2018 Annual Report (2018) 24-24. <https://clce.ifas.ufl.edu/about/materials/clce2017-18report.pdf>.

Datasets

Nighswander, G. P., M. E. Szoka, K. M. Hess, E. Z. Bean, G. Hansen de Chapman, and **B. V., III, Iannone.** A new database on trait-based selection of stormwater pond plants. University of Florida Institutional Repository. (2018) <http://ufdc.ufl.edu/IR00010631/00001/citation>

Iannone, B. V., III, K. M. Potter, Q. Guo, I. Jo, C. M. Oswalt, and S. Fei. Data on native tree diversity (species richness and phylogenetic), biomass, relative density, tree height, and invasive plants in forests of the eastern USA. Purdue University Research Repository. (2018) <https://purr.purdue.edu/publications/3072/1>

Iannone, B.V., III, L. Heneghan, D. Rijal, and D. H. Wise. 2015. Data from: Below-ground causes and consequences of woodland shrub invasions: a novel paired-point framework reveals new insights. Dryad Digital Repository. (2018) <https://datadryad.org/resource/doi:10.5061/dryad.vb120>.

ACADEMIC AND RESEARCH APPOINTMENTS

- 2016--Present Assistant Professor. University of Florida, Dept. of Forestry and Resource Conservation and Center for Land Use Efficiency.
- 2013–2016 Postdoctoral Research Fellow. Purdue University, Dept. of Forestry and Natural Resources, Purdue University.
- 2013 Research Associate. the Field Museum; U.S. Forest Service Northern Research Station; Dept. of Biological Sciences, University of Illinois at Chicago; and Dept. of Environmental Sciences and Studies, DePaul University.
- 2011–2012 Dean’s Scholar. The Graduate College of the University of Illinois at Chicago.
- 2011–2012 Fellow of the Institute for Environmental Science and Policy (IESP). University of Illinois at Chicago.
- 2010 Research Assistant. University of Illinois at Chicago, Dept. of Biological Sciences.
- 2007–2009 NSF IGERT Fellow in the LEAP (Landscape, Ecological, and Anthropogenic Processes) Program. University of Illinois at Chicago.
- 2004–2006 Research Assistant. Dept. of Ecology, Evolution, and Behavior, University of Minnesota, Twin Cities.

- 2002 & 2004 Biological Technician. U.S. Geological Survey, Center for Disease Control, and Colorado State University.
- 2003 Biological Technician. Dept. of Fish and Wildlife Resources, University of Idaho.
- 2002–2003 Work Study. Stream Ecology Lab, Colorado State University.
- 2001 Work Study. Colorado Cooperative Fish and Wildlife Research Unit, Colorado State University.
- 2000 & 2001 Biological Technician. Colorado Division of Wildlife.

AWARDS AND HONORS

- 2016 NASA-MSU Professional Enhancement Award. Center for Systems Integration and Sustainability, Michigan State University.
- 2014 Award for 2nd Place in Graduate and Post-Doctoral Poster Competition. GIS Day at Purdue University.
- 2011 Award for Excellence in Undergraduate Research Mentorship. Dept. of Biological Sciences, University of Illinois at Chicago.
- 2011–2012 Dean's Scholar. The Graduate College of the University of Illinois at Chicago.
- 2011–2012 Fellow of the Institute for Environmental Science and Policy (IESP). University of Illinois at Chicago.
- 2011 Award for Best Student Presentation. 3rd Annual Meeting of the Midwest-Great Lakes Chapter of the Society for Ecological Restoration International.
- 2007–2009 NSF IGERT Fellow in the LEAP (Landscape, Ecological, and Anthropogenic Processes) Program. University of Illinois at Chicago.

RESEARCH GRANTS, FELLOWSHIPS, AND SCHOLARSHIPS

- 2019 Center for Landscape Conservation and Ecology. *Multi-species lawns: an alternative strategy for water conservation and pest regulation*. **Iannone, B. V., III**, W. Wilber, S. Wilson, B. Moffis, and A. Dale. (\$5,000).
- 2019 City of Gainesville Funding. *Compost topdressing as a sustainable management approach to multipurpose fields in Gainesville City parks*. Reisinger, A. J., E. Z. Bean, and **B. V., III, Iannone** (\$7,367).

- 2019 Center for Landscape Conservation and Ecology. *Common ornamental plant species and varieties: will overuse and re-expression of invasive traits contribute to future invasions?* **Iannone, B. V., III**, S. Wilson, G. Hansen. (\$60,000).
- 2018 USDA NIFA Crop Protection and Pest Management Grants Program. *Increasing lawn diversity to promote biodiversity and reduce management inputs in urban landscapes*. Dale, A., **B. V., III, Iannone**, J. B. Unruh, and S. M. Lewis. (\$324,996).
- 2018 Florida Fish and Wildlife Conservation Commission Research Funding. *Will overuse of common ornamental species and re-expression of invasive traits contribute to future invasions?* Iannone, B. V., III, S. Wilson, and G. Hansen. (\$27,000).
- 2018 Renewable Resources Extension Funding through the University of Florida, School of Forest Resources and Conservation. *Sustainable human and ecological development (SHED) urban green infrastructure field day*. **Iannone, B. V., III**. A. J. Reisinger, and E. Z. Bean. (\$2,305).
- 2018 UF|IFAS Travel Awards for Research Grant Enhancement (Target). *Biological invasion and ecosystem services in a changing world*. Flory, L. S., J. Qiu, Liao, H. L., **B. V., III, Iannone**, D. C. Behringer, L. Reisinger, and B. Baiser. (\$10,458)
- 2018 UF|IFAS Travel Awards for Research Grant Enhancement (Target). *Sustainable urban landscapes*. **Iannone, B. V., III**, M. Dukes, A. J. Reisinger, E. Z. Bean, P. Monaghan, A. Koeser, and M. Andreu. (\$18,508)
- 2018 Center for Landscape Conservation and Ecology Program Enhancement Grant Program. *Ecological effects of lawn plant diversity: a synthesis of what we do and do not know*. **Iannone, B. V., III** and A. Dale. (\$21,050).
- 2018 Center for Landscape Conservation and Ecology Program Enhancement Grant Program. *Effects of stormwater pond age on sediment nutrient fluxes in residential landscapes*. Reisinger, A. J., A. R. Smyth, E. Z. Bean, **B. V., III, Iannone**, and M. G. Lusk. (\$28,800).
- 2017 Florida Agricultural and Experimental Research Station Interdisciplinary Research on Invasive Species. *Stormwater ponds as invasion vectors? Assessing the effects of an abundant engineered ecosystem on plant invasions across multiple spatial scales*. **Iannone, B. V., III**, Adams, C., Bean, E. and Reisinger, A.J. (\$87,100).

- 2017 Florida Agricultural and Experimental Research Station Interdisciplinary Research on Invasive Species. *Impacts of plant invasion and drought on plant-microbe symbiotic efficiency, mycorrhizal-driven nutrient cycling, and forest ecosystem services.* Hui-Ling, L., Flory, L., Qiu, J., and **Iannone, III, B. V.** (\$64,000).
- 2018 Renewable Resources Extension Funding through the University of Florida, School of Forest Resources and Conservation. *Developing a sustainable human and ecological development (SHED) web portal.* **Iannone, B. V., III.** A. J. Reisinger, and E. Z. Bean. (\$5,400).
- 2017 Florida Nursery Growers and Landscape Association Grants. Planting stormwater ponds: determining the benefits and best management practices for ornamental plants in an under-utilized portion of residential landscapes. **Iannone, B. V., III.,** M. Atkinson, M. G. Lusk, E. Z. Bean, and P. Monaghan. (\$5,000).
- 2017 Center for Landscape Ecology and Conservation Program Enhancement Funding. *Developing a living lab to inform water conservation practices in residential landscapes.* **Iannone, B. V., III,** Barrera, J., Bean, E. Z., Jones, P., Kipp Searcy, J., and Kolluri, L. (\$42,000)
- 2016 University of Florida IFAS 2017 Early Career Scientist Seed Funding Program. *The effects of turf grass diversity on arthropod pests and biological control in urban landscapes.* A. Dale, **Iannone, B. V., III,** M. D. Dukes, and E. Momol. (\$50,000).
- 2016 University of Florida IFAS 2017 Early Career Scientist Seed Funding Program. *Evaluating the contribution of biotic complexity to pest control in ornamental plant communities.* **Iannone, B. V., III,** A. Dale, M. D. Dukes, and E. Momol. (\$50,000).
- 2016 Renewable Resources Extension Funding through the University of Florida, School of Forest Resources and Conservation. *Costs of managing conservation lands within residential developments.* **Iannone, B. V., III.** (\$3,450).
- 2016 NASA-MSU Professional Enhancement Award. Center for Systems Integration and Sustainability, Michigan State University (\$860 in travel funds to attend Telecoupling symposium and workshops at the US International Association for Landscape Ecology Conference, Asheville, NC).
- 2013 Research Open Access Article Publishing (ROAAP) Fund. University of Illinois at Chicago (\$1,500).
- 2012 ESA Student Travel Award. Awarded by the Soil Ecology Section of the Ecological Society of America (\$400).
- 2012 Dept. of Biological Sciences Travel Award. Two-time recipient. University of Illinois at Chicago (\$600 per award).

- 2011 Dean's Scholar Award. Awarded by the Graduate College of the University of Illinois at Chicago (\$20,000 stipend; \$11,000 tuition waiver).
- 2011 Pre-doctoral Research Fellowship. Institute for Environmental Science and Policy, University of Illinois at Chicago (\$10,000).
- 2011 Garden Club of America Zone VI Fellowship in Urban Forestry. Funded by the Casey Tree Endowment Fund (\$4,000).
- 2011 & 2006 J.E. Weaver Competitive Grant. Two-time recipient. Funded by the Nebraska Chapter of The Nature Conservancy (\$1,000 per award).
- 2010 Elmore Hadley Award for Research in Ecology and Evolution. Dept. of Biological Science, University of Illinois at Chicago (\$900).
- 2007–2009 NSF IGERT Fellowship. Landscape, Ecological, and Anthropogenic Processes, University of Chicago (\$30,000 stipend and \$11,000 tuition waiver for 2 years; \$8,000 in research funds; \$4,000 in travel funds).
- 2006 Ecology, Evolution, and Behavior Block Grant. Administered through the Dept. of Ecology, Evolution, and Behavior, University of Minnesota (\$1,250).
- 2006 Florence Rothman Fellowship. Administered through the College of Biological Sciences, University of Minnesota, Minneapolis, MN (\$1,000).
- 2005 Dayton-Wilkie Natural History Fund. Administered through the Bell Museum of Natural History, Minneapolis, MN (\$1,000).
- 2002 College of Natural Resources Scholarship. Administered through the College of Natural Resources, Colorado State University, Fort Collins, CO (\$1,200).
- 2002 Delano F. Scott Scholarship. Administered through the College of Natural Resources, Colorado State University, Fort Collins, CO (\$1,200).

RESEARCH MENTORING

Postdoctoral: Dr. James Sinclair

Graduate Students: Gisele Nighswander (MS), Kayla Hess (MS), Rain Yates (MSc)

Undergraduate students: Ellie Sprick, Benxin Chen, Steven Stuglik, Allyson Holmes, Alex LoCastro, Jeffry Flenniken, Dev Rijal, Lindsey Day

Committee Member:

Balwinda Kaur (Ph.D.; Adam Dale Advisor)
 Debra Ston (Ph.D.; Michael Andreu Advisor)
 Josh Epstein (Ph.D.; Matt Cohen Advisor)
 Olivia Caciatore (Ph.D.; Matt Cohen Advisor)
 Julia Rycyna (MS; Sandra Wilson Advisor)
 Mohamad Ridlo, MS Student (Wendell Cropper Advisor)

TEACHING ACTIVITIES

- 2019 Instructor. FOR 6933, Professional Development for Natural Resource Careers. School of Forest Resources and Conservation, University of Florida.
- 2018 Instructor. FOR 6934, Sustainable Human and Ecological Development Seminar. School of Forest Resources and Conservation, University of Florida.
- 2017 Instructor. FNR 4461, Spatial Models and Decision Analysis. School of Forest Resources and Conservation, University of Florida.
- 2017-Present Instructor. FOR 6933, Graduate Student Seminar Series. Co-Taught with Dr. Jason Smith (Lead Instructor).
- 2019 Invited Lecturer. The ecological potential of stormwater ponds. FOR 4090, Urban Forestry. School of Forest Resources and Conservation, University of Florida.
- 2018 Invited Lecturer. Introduction to the Residential Ecology Lab. GPT 3200, Foundations in Natural Resources and Conservation. School of Forest Resources and Conservation, University of Florida.
- 2016-Present Invited Lecturer. *Forest of the upper Midwestern USA: common species and common challenges*. FNR 3131C, Dendrology and Forest Plants. School of Forest Resources and Conservation, University of Florida.
- 2014 Invited Lecturer. *Using spatial autocorrelation to your advantage*. FNR 598, Advanced GIS and Spatial Analysis. Dept. of Forestry and Natural Resources, Purdue University.
- 2014 Invited Lecturer. *Data inspection, summary, and visualization using the R statistical language*. FNR 355, Quantitative Methods for Resource Management. Dept. of Forestry and Natural Resources, Purdue University.
- 2013 Invited Lecturer. *Organisms and landscape patterns*. FNR 598, Advanced Spatial Ecology and GIS. Dept. of Forestry and Natural Resources, Purdue University.

- 2012 Invited Lecturer. *Combining a manipulative and natural experiment with an individual-based model to investigate shrub invasions*. BIOS 531, Introduction to Ecology and Evolution. Dept. of Biological Sciences, University of Illinois at Chicago.
- 2012 Teaching Assistant. *BIOS 230, Ecology and Evolution*. Dept. of Biological Sciences, University of Illinois at Chicago.
- 2011 Invited Lecturer. *Investigations of Rhamnus cathartica (European buckthorn) invasions and management*. BIOS 531, Introduction to Ecology and Evolution. Dept. of Biological Sciences, University of Illinois at Chicago.
- 2011 Teaching Assistant. *NATS 103, The Biological World*. Dept. of Biological Sciences, University of Illinois at Chicago.
- 2010 Teaching Assistant. *BIOS 331, General Ecology Lab*. Dept. of Biological Sciences, University of Illinois at Chicago.
- 2009–2010 Teaching Assistant. *BIOS 230, Ecology and Evolution*. Dept. of Biological Sciences, University of Illinois at Chicago.
- 2006–2007 Teaching Assistant. *BIOL 1001, Evolutionary and Ecological Perspectives*. College of Biological Sciences, University of Minnesota, Twin Cities.

EXTENTION IN-SERVICE TRAININGS

- 2019 IST# 31632 Sustainable human and ecological development (SHED): Urban Green Infrastructure Field Day. (2019) Reisinger, A. J., **B. V., III, Iannone**, and E. Z. Bean.
- 2018 IST# 31466: Successful strategies for reaching new audiences to increase the impact of sustainability programs in urban and urbanizing counties. (2018) **Iannone, B. V., III**, R. Northrop, M. Andreu, and J. K. Searcy.

EXTENTION PRESENTATIONS

- Iannone, B. V., III**. 2017. Benefits of plants and biodiversity in stormwater ponds. *South Central District Green Team Meeting on Stormwater Ponds*. Lakewood Ranch, FL.
- Iannone, B. V., III**. 2017. Biological invasions: the need to consider nuances in definitions. *Natural Resource Urban Sustainability IST*. Austin Cary Forest Campus. Gainesville, FL.
- Iannone, B. V., III**. 2017. Considering biodiversity to meet FFLTM principles. In symposium entitled *Florida Friendly LandscapingTM in the Ecosystems Services Framework*. University of Florida IFAS Extension Symposium and Professional Development Workshops.

**INVITED PRESENTATIONS
(Meeting Sessions and Public Outreach)**

- Iannone, B. V., III.**, K. M. Potter, Q. Guo, I. Jo, C. M. Oswalt, and S. Fei. 2019. Using FIA data to detect drivers of spatial heterogeneity in phylogenetic-invasion relationships. *2019 FIA Stakeholders Science Meeting*, Knoxville, TN
- Iannone, B. V., III.** 2016. Geospatial analysis of sustainable and resilient land development. *Center for Landscape Conservation and Ecology Annual Advisory Board Meeting*. Citra, FL.
- Iannone, B. V., III.** 2015. *Plenary Speaker*. Revealing Regional Patterns and Drivers of Forest Plant Invasion in the Midwest Using USDA FIA Data. *Midwest Invasive Plant Symposium and Annual Meeting of the North Central Weed Science Society*. Indianapolis, IN.
- Iannone, B. V., III.** 2015. European buckthorn: multi-study approach reveals improved ecological understanding and management recommendations. *Forest Health, Insect, and Disease Briefing*. Boalsburg, PA.
- Iannone, B. V., III.**, D. H. Wise, L. Heneghan, C. M. Oswalt, S. N. Oswalt, N. Clause, B. C. Pijanowski, and S. Fei. 2014. Invited Speaker. Belowground causes and consequences of *Rhamnus cathartica* L. (European buckthorn) invasion into remnant urban woodlands. *25th U.S.D.A. Interagency Research Forum on Invasive Species*. Annapolis, MD.
- Iannone, B. V., III.**, D. Lin, L. Heneghan, A. Yannarell, and D. H. Wise. 2013. Invited Speaker. Using a paired-plot design to differentiate between the belowground causes and consequences of exotic-shrub invasions. Contribution to the Organized Oral Session “Long-term Legacies of Invasive Shrubs on Forest Ecosystems,” *Ecological Society of America Meeting*. Minneapolis, MN.
- Iannone, B. V., III.** 2011. Invited Speaker. Interdisciplinary investigations of *Rhamnus cathartica* (European buckthorn) invasion. *External Advisory Board Meeting, Institute for Environmental Science and Policy*. University of Illinois at Chicago, Chicago, IL.
- Iannone, B. V., III.** 2009. Invited Speaker (*Community outreach*). What are invasive species, what are their environmental consequences, and what can be done? *Peace and Environment Forum*. The Ancient Dragon Zen Gate, Chicago, IL.

**PRESENTATIONS
(Meetings and Seminars)**

- Kaur, B., A. Dale and **B. V., III, Iannone**. 2019. Ecological effects of lawn plant diversity: A synthesis of what we know and what we do not know. *Entomological Society of America 2019 meeting*. St. Louis, MO.

- Iannone, B. V., III**, J. S. Sinclair, A. J. Reisinger, E. Z. Bean, C. Adams, L. Reisinger, and A. Holmes. 2019. Stormwater ponds: and increasing habitat for invasive plants. *Florida Lake Management Society 30th Annual Technical Symposium*. Duck Key, FL.
- Iannone, B. V., III**, J. S. Sinclair, L. Reisinger, G. P. Nighswander, and K. Hess. 2019. Maximizing the ecological potential of small spaces in urban landscapes: examples from ornamental gardens and stormwater ponds. *Ecological Society of America 2019 Meeting*. Lexington, KY.
- Sinclair, J. S., A. J. Reisinger, E. Bean, C. R. Adams, L. S. Reisinger and **B. V., III, Iannone**. 2019. Stormwater ponds: proliferating refuges for invasive species in urban landscapes. *Ecological Society of America 2019 Meeting*. Lexington, KY.
- Sinclair, J. S., A. J. Reisinger, E. Bean, C. R. Adams, L. S. Reisinger and **B. V., III, Iannone**. 2019. Stormwater ponds: proliferating vectors of invasive species in urban watersheds. 2019 *Annual Meeting of the Society of Freshwater Scientists*. Salt Lake City, UT. (Oral)
- Sinclair, J. S., A. J. Reisinger, E. Bean, C. R. Adams, L. S. Reisinger and **B. V., III, Iannone**. 2019. Stormwater ponds: potentially overlooked urban vectors of invasive species spread. *US Regional Chapter of the International Association for Landscape Ecology Annual Meeting*. Fort Collins, CO.
- Nighswander, G. P., A. G. Dale, J. Qiu, and **B. V., III, Iannone**. 2019. Drivers of herbivorous arthropod pest resistance in ornamental gardens. *US Regional Chapter of the International Association for Landscape Ecology Annual Meeting*. Fort Collins, CO.
- Iannone, B. V., III**, G. P. Nighswander, K. Hess, E. Z. Bean, and G. Hansen. 2019. A new tool for trait-based guidance of stormwater pond plantings. *2019 Urban Landscape Summit*. Gainesville, FL.
- Holmes, A., J. S. Sinclair, and **Iannone, B. V., III**. 2019. Characteristics of invasive plants in Florida stormwater ponds. *2019 Urban Landscape Summit*. Gainesville, FL.
- Hess, K., E. Bean, A. J. Reisinger, and **B. V., III, Iannone**. 2019. Quantifying the effects of stormwater ponds on geographically isolated forested wetland plant communities of urban landscapes. *2019 Urban Landscape Summit*. Gainesville, FL.
- Nighswander, G., A. Dale, J. Qiu, and **B. V., III, Iannone**. 2019. What drives herbivores arthropod pest resistance in residential ornamental gardens? *2019 Urban Landscape Summit*. Gainesville, FL.
- Sariyildiz, O., S. Wilson, G. Hansen, and **Iannone, B. V., III**. 2019. Predicting the effects of high usage of landscaping plant species on long-term patterns of plant invasion. *2019 Urban Landscape Summit*. Gainesville, FL.

Sariyildiz, O., S. Wilson, G. Hansen, and **Iannone, B. V., III**. 2019. Predicting the effects of high usage of landscaping plant species on long-term patterns of plant invasion. *7th Biennial FWC-UF/IFAS Research Review*. Orlando, FL.

Iannone, B. V., III, G. P. Nighswander, and K. Hess. 2018. Residential landscape ecology: understanding the ecological patterns and processes of the fastest growing land cover in the USA. *2018 Urban Landscape Summit*. (2018) Gainesville, FL.

Nighswander, G. P., A. Dale, J. Qiu, and **B. V., III, Iannone**. 2018. The role of vegetational characteristics and landscape context in controlling arthropod pests in ornamental gardens. *2018 Urban Landscape Summit*. Gainesville, FL.

Hess, K., E. Bean, A. J. Reisinger, P. Jones, and **B. V., III, Iannone**. 2018. Irrigation and fertilizer use: quantifying and projecting how reducing usage in residential landscapes can benefit wetlands. *2018 Urban Landscape Summit*. Gainesville, FL.

Dale, A. G., Doherty, E., Whitman, **B. V., III, Iannone**, and J. Kruse. 2018. Manipulating plant cultivar diversity to promote biodiversity and reduce pests in urban landscapes. *2018 Ecological Society of America Annual Meeting*. New Orleans, LA.

Iannone, B. V., III, K. M. Potter, K. A. Dixon-Hamil, W. Huang, H. Zhang, Q. Guo, C. M. Oswalt, C. W. Woodall, and S. Fei. 2017. Evidence of biotic resistance to nonnative invasions in eastern U.S. forests: a macroscale study. *11th North American Forest Ecology Workshop. Sustaining Forests: From Restoration to Conservation*. Edmonton, Canada.

Guo, Q., S. Fei, Shen, Z., **B. V., III, Iannone**, J. Knott, and S. Chown. 2017. Global variation in the elevational distributions of nonnative vs. native species. *8th Biennial Conference of the International Biogeography Society*. Tucson, AZ.

Iannone, B. V., III, K. M. Potter, C. M. Oswalt, Q. Guo, and S. Fei. 2016. Evolutionary divergence conveys biotic resistance to invasion across multiple spatial scales. *U.S. Regional Association of the International Association for Landscape Ecology annual meeting*. Asheville, NC.

Oswalt, C. M., S. Fei, T. R. Ridley, S. N. Oswalt, **B. V., III, Iannone**, K. M. Potter, Q. Guo, and B. Pijanowski. 2016. Southern invasive plant inventory data, tools, and discoveries. *U.S. Regional Association of the International Association for Landscape Ecology annual meeting*. Asheville, NC.

Potter, K. M., C. M. Oswalt, S. Fei, **B. V., III, Iannone**, and Q. Guo. 2016. How-and-where-do nonnative trees alter the biodiversity of eastern U.S. forests. *U.S. Regional Association of the International Association for Landscape Ecology annual meeting*. Asheville, NC.

Fei, S., **B. V., III, Iannone**, Q. Guo, C. M. Oswalt, and K. M. Potter. 2016. Biotic resistance of invasive species. *U.S. Regional Association of the International Association for Landscape Ecology annual meeting*. Asheville, NC.

- Potter, K. M., **B. V., III, Iannone**, C. M. Oswalt, Q. Guo, H. Zhang, C. W. Woodall, and S. Fei. 2015. Biodiversity, biomass, and resistance to plant invasion across the eastern United States. *13th International Conference on the Ecology and Management of Alien Plant Invasions*. Waikoloa, HI.
- Fei, S., **B. V., III, Iannone**, K. M. Potter, Q. Guo, C. M. Oswalt, B. C. Pijanowski, and A. M. Liebhold. 2015. Macrosystems invasion patterns and processes. 13th International Conference on the Ecology and Management of Alien Plant Invasions. *13th International Conference on the Ecology and Management of Alien Plant Invasions*. Waikoloa, HI.
- Potter, K. M., **B. V., III, Iannone**, C. M. Oswalt, C. W. Woodall, and S. Fei. 2015. When (and where) does biodiversity matter? The ecological importance of evolutionary diversity across broad regions. *International Union of Forest Research Organizations (IUFRO) Landscape Ecology Conference*. Tartu, Estonia.
- Iannone, B. V., III**, K. M. Potter, H. Zhang, Q. Guo, C. M. Oswalt, C. W. Woodall, K. Dixon Hamil, W. Huang, and S. Fei. 2015. Determining sub-continental patterns of biotic resistance: A North American forest case study. *Ecological Society of America Meeting*. Baltimore, MD.
- Iannone, B. V., III**, K. M. Potter, K. Dixon Hamil, W. Huang, H. Zhang, Q. Guo, C. M. Oswalt, C. W. Woodall, and S. Fei. 2015. Key invasion relationships are contingent on scale and sub-regional ecological context: a North American forests case study. *Association of American Geographers Meeting*. Chicago, IL.
- Guo, Q., S. Fei, **B. V., III, Iannone**, K. M. Potter, C. M. Oswalt. 2015. Species invasions: global patterns and regional differences. *Association of American Geographers Meeting*. Chicago, IL.
- Potter, K. M., C. M. Oswalt, **B. V., III, Iannone**, S. Fei, S. N. Oswalt, Q. Guo. 2015. Forest tree biodiversity: An indicator of invasive plant success in the Southeastern United States. *Association of American Geographers Meeting*. Chicago, IL.
- Fei, S., **B. V., III, Iannone**, C. Oswalt, Q. Guo, B. Pijanowski, K. Potter, T. Clark, and G. Nunez-Mir. 2015. *Macroscale invasion patterns and processes*. International Biogeography Society 7th Biennial Meeting. Bayreuth, Germany.
- Nunez-Mir, G. C., **B. V., III, Iannone**, K. Curtis, and S. Fei. 2014. Evolution of forest restoration – a solid past and a dynamic future. *IUFRO-sponsored 2nd Restoring Forests Congress*. West Lafayette, IN.
- Iannone, B. V., III**, C. M. Oswalt, A. M. Liebhold, Q. Guo, K. M. Potter, G. C. Nunez-Mir, S. N. Oswalt, B. C. Pijanowski, and S. Fei. 2014. Macroscale patterns and drivers of forest plant invasions: a multidimensional, region-specific perspective. *Society of American Foresters National Convention*. Salt Lake City, UT.

- Fei, S., B. C. Pijanowski, C. M. Oswalt, Q. Guo, **Iannone, B. V., III**, A. Liebhold, W. Hargrove, G. C. Nunez-Mir, and T. Clark. 2014. Understanding macroscale invasion dynamic processes. *Society of American Foresters National Convention*. Salt Lake City, UT.
- Guo, Q., S. Fei, C. M. Oswalt, **B. V., III, Iannone**, K. M. Potter, and B. C. Pijanowski. 2014. Degree of invasion across scales and boundaries. *Society of American Foresters National Convention*. Salt Lake City, UT.
- Potter, K. M., C. M. Oswalt, **B. V., III, Iannone**, S. Fei, and Q. Guo. 2014. Forest tree biodiversity is correlated with invasive plant diversity and cover across the southeast. *Society of American Foresters National Convention*. Salt Lake City, UT.
- Oswalt, C. M., S. Fei, Q. Guo, **B. V., III, Iannone**, B. C. Pijanowski, S. Oswalt, and K. M. Potter. 2014. Monitoring the spread of invasive plants in U.S. Forests. *Society of American Foresters National Convention*. Salt Lake City, UT.
- Fei, S. B. Pijanowski, C. Oswalt, Q. Guo, A. Liebhold, K. Potter, W. Hargrove, **B. V., III, Iannone**, G. C. Nunez-Mir, and T. Clark. 2014. PRIDE-a traits-based framework. *3rd Annual Meeting of the Macrosystems Biology Pls*. NSF Headquarter. Washington, DC.
- Potter, K. M., C. M. Oswalt, **B. V., III, Iannone**, S. Oswalt, and S. Fei. 2014. Relationships between forest tree biodiversity and invasive plant success across the Southeastern United States. *U.S. International Association of Landscape Ecology Annual Symposium*. Anchorage, AK.
- Iannone, B. V., III**, C. M. Oswalt, K. M. Potter, S. N. Oswalt, B. C. Pijanowski, and S. Fei. 2013. National invasive plant distribution patterns and associations. *9th Southern Forestry and Natural Resource Management GIS Conference*. Athens, GA.
- Potter, K., C. M. Oswalt, Q. Quo, **B. V., III, Iannone**, S. N. Oswalt, and S. Fei. 2013. Can forest evolutionary diversity and structure predict invasive plant success? A South-wide story. *9th Southern Forestry and Natural Resource Management GIS Conference*. Athens, GA.
- Ross, K., **B. V., III, Iannone**, D. H. Wise, and L. Heneghan. 2013. The ecological science data set of the RESTORE project: how biodiversity patterns help answer the core question of the research project. *5th World Conference on Ecological Restoration*. Madison, WI.
- Iannone, B. V., III**, L. Heneghan, D. Rijal, and D. H. Wise. 2012. Discovering the belowground causes and consequences of *Rhamnus cathartica* L. (European buckthorn) invasions. *Chicago Wilderness Congress*. Chicago, IL.
- Iannone, B. V., III**, L. G. Umek, L. Heneghan, and D. H. Wise. 2012. Evaluation of soil-mulch amendments as a tool for limiting *Rhamnus cathartica* (European buckthorn) reinvasion. *EcoSummit*. Columbus, OH.

- Iannone, B. V., III**, L. Heneghan, D. Rijal, and D. H. Wise. 2012. Discovering the belowground causes and consequences of *Rhamnus cathartica* L. (European buckthorn) invasions. *Ecological Society of America Meeting*. Portland, OR.
- Iannone, B. V., III**. 2011. Using paired invaded-uninvaded points across the landscape to determine the belowground causes and consequences of *Rhamnus cathartica* L. (European buckthorn) invasions. *Dept. of Biological Sciences Ecology and Evolution Seminar Series*. University of Illinois at Chicago, Chicago, IL.
- Iannone, B. V., III**, L. G. Umek, L. Heneghan, and D. H. Wise. 2011. How does amending soils with mulch after *Rhamnus cathartica* (European buckthorn) removal limit reinvasion? *3rd Annual Meeting of the Midwest-Great Lakes Society of Ecological Restoration Chapter*. University of Illinois-Springfield, Springfield, IL.
- Iannone, B. V., III**, and S. M. Galatowitsch. 2007. An evaluation of sedge meadow restoration strategies intended to limit *Phalaris arundinacea* reinvasion by altering light and N availability. *Ecological Society of America and Society for Ecological Restoration Joint Meeting*. San Jose, CA.
- Iannone, B. V., III**, and S. M. Galatowitsch. 2007. Can native plants outcompete *P. arundinacea* during the establishment of restored sedge meadow communities by reducing limiting resources? *University of Minnesota 5th Annual Invasion Biology Research Consortium (IRBC) Retreat*. White Bear Township, MN.
- Iannone, B. V., III**, and S. M. Galatowitsch. 2006. Can native plants outcompete *P. arundinacea* during the establishment of restored sedge meadow communities by reducing limiting resources? *Soils and Restoration Ecology Conference*. DePaul University, Chicago, IL.

POSTER PRESENTATIONS

- Hess, K., E. Bean, A. J. Reisinger, and **B. V., III, Iannone**. 2019. Quantifying the effects of stormwater ponds on urban remnant forested wetlands. *Annual Meeting of the Society of Wetland Scientists*. Baltimore, MD.
- Iannone, B. V., III**, J. S. Sinclair, G. P. Nighswander, K. Hess, and O. Sariyildiz. 2019. Ornamental gardens and stormwater ponds: ecosystem services and disservices of increasingly common anthropogenic ecosystems. *US Regional Chapter of the International Association for Landscape Ecology Annual Meeting*. Fort Collins, CO.
- Nighswander, G. P., A. G. Dale, J. Qiu, and **B. V., III, Iannone**. 2018. The role of vegetational characteristics and landscape context in controlling arthropod pests in ornamental gardens. *US Regional Chapter of the International Association for Landscape Ecology Annual Meeting*. Chicago, IL.

Iannone, B. V., III, G. P. Nighswander, and K. Hess. 2018. Residential landscape ecology: understanding the ecological patterns and processes of the fastest growing land cover in the USA. *US Regional Chapter of the International Association for Landscape Ecology Annual Meeting*. Chicago, IL.

Fei, S., K. M. Potter, **B. V., III, Iannone**, Q. Guo, G. C. Nunez-Mir, C. M. Oswalt, T. L. Clark, B. Pijanowski. 2015. Understanding the spatiotemporal invasion patterns through a macroecosystems approach. *Ecological Society of America Meeting*. Baltimore, MD.

Iannone, B. V., III, C. M. Oswalt, K. M. Potter, S. N. Oswalt, A. Fowler, B. C. Pijanowski, and S. Fei. 2014. Emerging sub-continental patterns of forest plant invasions as revealed by FIA monitoring data. *GIS Day a Purdue University*. West Lafayette, IN.

Madurapperuma, B., **B. V., III, Iannone**, J. Jung, B. C. Pijanowski, and S. Fei. 2014. Relationship of forest structural complexity and plant invasion: integrating LiDAR and FIA invasive plant data from the Appalachian Mountains of the USA. *GIS Day a Purdue University*. West Lafayette, IN.

Desprez, J., **B. V., III, Iannone**, S. Fei, and C. M. Oswalt. 2014. Northward migration of blackgum (*Nyssa sylvatica*) under a changing climate. *GIS Day a Purdue University*. West Lafayette, IN.

Umek, L. G., **B. V., III, Iannone**, L. Heneghan, and D. H. Wise. 2014. Impacts of removing European buckthorn on earthworm communities and soil nutrient availability. *IUFRO-sponsored 2nd Restoring Forests Congress*. West Lafayette, IN.

Madurapperuma, B., **B. V., III, Iannone**, J. Jung, B. C. Pijanowski, and S. Fei. 2014. Relationship of forest structural complexity and plant invasion: integrating LiDAR and FIA invasive plant data from the Appalachian Mountains of the USA. *IUFRO-sponsored 2nd Restoring Forests Congress*. West Lafayette, IN.

Desprez, J., **B. V., III, Iannone**, S. Fei, and C. M. Oswalt. 2014. Northward migration of blackgum (*Nyssa sylvatica*) under a changing climate. *Society of American Foresters National Convention*. Salt Lake City, UT.

Fei, S. B. Pijanowski, C. Oswalt, Q. Guo, A. Liebhold, K. Potter, W. Hargrove, **B. V., III, Iannone**, G. C. Nunez-Mir, and T. Clark. 2014. Predicting regional invasion dynamic processes (PRIDE): a functional trait based, multi-scale research framework. *3rd Annual Meeting of the Macrosystems Biology Pls*. NSF Headquarter. Washington, DC.

Nunez-Mir, G. C., **B. V., III, Iannone**, B. C. Pijanowski, and S. Fei. 2014. Land use and invasion success: a quantitative review of qualitative data. 2014. *2014 Dept. of Forestry and Natural Resources Research Symposium*. West Lafayette, IN.

Iannone, B. V., III, C. M. Oswalt, K. M. Potter, S. N. Oswalt, A. Fowler, B. C. Pijanowski, and S. Fei. 2014. Emerging regional patterns of forest plant invasions as revealed by FIA monitoring data. *25th U.S.D.A. Interagency Research Forum on Invasive Species*. Annapolis, MD.

Fei, S., B. C. Pijanowski, C. M. Oswalt, Q. Guo, A. Liebold, K. M. Potter, W. Hargrove, **B. V., III, Iannone**, G. Nenez-Mir, and T. Clark. 2014. Predicting regional invasion dynamics processes (PRIDE): a functional trait based, multi-scale research framework. *25th U.S.D.A. Interagency Research Forum on Invasive Species*. Annapolis, MD.

PRESENTATIONS (Extension)

Iannone, B. V., III. Biodiversity and ecosystem services: understanding key ecological principles within the context of urban and residential landscapes. Florida Master Gardeners Webinar Series. (2019).

Iannone, B. V., III. Potential to enhance biodiversity and ecosystem functionality within residential landscapes. Florida Master Gardeners Business Meeting. (2019) Marion County Extension Office, FL

Iannone, B. V., III. Residential landscape ecology: understanding the ecological patterns and processes of the faster growing land cover in the US. Florida Master Gardeners Business Meeting. (2019) Lake County Extension Office, FL

Iannone, B. V., III. Benefits of plants and biodiversity in stormwater ponds. South Central District Green Team Meeting on Stormwater Ponds. (2017) Lakewood Ranch, FL.

Iannone, B. V., III. Biological invasions: the need to consider nuances in definitions. Natural Resource Urban Sustainability IST. (2017) Austin Cary Forest Campus. Gainesville, FL.

Iannone, B. V., III. Considering biodiversity to meet FFL™ principles. Florida Friendly Landscaping™ in the Ecosystems Services Framework Symposium. University of Florida IFAS Extension Symposium and Professional Development Workshops. (2017) Gainesville, FL.

SERVICE

To Academic and Research Community

2018-Present Member. Global Urban Biological Invasions Consortium.

2018-Present Founding Member. UF|IFAS Sustainable Urban Landscape Team

2017-Present Member. UF|IFAS Invasive Species Council.

2017-Present Member. UF School of Forest Resources and Conservation Distance Education Committee.

- 2017-Present Member. UF School of Forest Resources and Conservation Seminar and Symposium Committee.
- 2016 Symposium Moderator. Understanding macroscale invasion patterns and processes. *U.S. Regional Association of the International Association for Landscape Ecology annual meeting*. Asheville, NC.
- 2014 Meeting Presider. *3rd MacroSystems Biology PI Meeting*. 19-20 June, 2014. National Science Foundation Headquarters, Arlington, VA.
- 2014 Organizational Committee Member. *3rd MacroSystems Biology PI Meeting*. 19-20 June, 2014. National Science Foundation Headquarters, Arlington, VA.
- 2010–2011 Member of the Committee for Improving Student Health Care. University of Illinois at Chicago.
- 2009 Seminar Organizer. *Interdisciplinary Graduate Research*. Depts. of Biological Sciences and Earth and Environmental Sciences, University of Illinois at Chicago.
- 2005–2007 Incoming Graduate Student Mentor. Dept. of Ecology, Evolution and Behavior, University of Minnesota, Twin Cities.
- 2005–2007 Student Representative of the Academic Grievance Committee. Dept. of Ecology, Evolution and Behavior, University of Minnesota, Twin Cities.
- 1999–2000 Volunteer. Colorado Division of Wildlife.
- 1998–1999 Volunteer. Valley Forge National Historical Park.

Editorial and Reviewing

2017-Present Editorial Board Member. *Ecological Restoration*.

Reviewer of manuscripts for: *Applied Soil Ecology, Biological Invasions, Ecography, Ecological Restoration, Environmental Management, Forest Ecology and Management, Invasive Plant Science and Management, Journal of Botany, Landscape Ecology, Plant and Soil, Urban and Landscape Planning, Urban Forestry and Urban Greening, Management of Biological Invasions*.

Reviewer of proposals for: Minnesota Invasive Terrestrial Plants and Pest Center

POPULAR PRESS OF LAB'S WORK

Pickett, S. UF researchers find stormwater ponds may harbor invasive species. The Independent Florida Alligator. (June 8, 2019). https://www.alligator.org/news/uf-researchers-find-stormwater-ponds-may-harbor-invasive-species/article_bb48199c-8a08-11e9-b848-13a05d42ce62.html

Romaguera, K. Stormwater ponds may harbor invasive plants, UF|UFAS research finds. UF|IFAS News Blog. (May, 2019). <http://blogs.ifas.ufl.edu/news/2019/05/28/stormwater-ponds-may-harbor-invasive-plants-uf-ifas-research-finds>

Gandhi, P. Lakewood Ranch authority embarks on stormwater quality, erosion control improvements. Florida Specifier (Dec, 2018) 22-22.

Ebanks, P. Lakewood Ranch takes part in water cleansing experiment. East County Observer (Aug, 2018). <https://www.youobserver.com/article/lakewood-ranch-ponds-target-of-water-quality-study>

PROFESSIONAL SOCIETIES

Ecological Society of America
International Association for Landscape Ecology
Society for Ecological Restoration International
Association for Natural Resource Extension Professionals (ANREP)
Florida Chapter of ANREP