

Philip Frederick Harmon

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Education

Ph.D. Plant Pathology, Purdue University, 2003.

Winter survival, summer pathogen activity, and rapid PCR-based detection of *Magnaporthe oryzae*, the gray leaf spot pathogen on perennial ryegrass.

B.S. Plant Science, Purdue University, 1999.

Employment

Associate Professor, Extension Specialist, Department of Plant Pathology, University of Florida, Institute of Food and Agricultural Sciences, 2010-Present.

Assistant Professor, Extension Specialist, Department of Plant Pathology, University of Florida, Institute of Food and Agricultural Sciences, 2003-2010.

Diagnosis, etiology, epidemiology, and management of fungal diseases of turfgrass, ornamental plants, and small fruits (blueberry).

Student Instruction (2004 to present)

Chair: 5 Ph.D., 4 D.P.M., 3 M.S.

Ph.D. finished: Cooper 2014, Wright 2011, Kammerer 2011

Master's finished: Flor 2009, Wright 2008, Vitoreli 2008

Member not chair: 6 Ph.D., 5 D.P.M., 8 M.S.

Supervised: 3 Post-Doctoral Associates, 3 Student Extension Assistants

Member ships, Honors, and Awards

Dallas Townsend Extension Professional Enhancement Award. 2014. (\$2,000 pay \$1,000 program support)

Research Advisor on the Florida Blueberry Growers Association Board of Directors. 2012-Present.

Florida Phytopathological Society, 2004-Present, Session Organizer and Moderator for 2005 Biennial Meeting, Secretary and 2007 Meeting Organizer in 2006-2007, Vice President 2007-2008, President 2009-2011.

UF IFAS Gold Image Award for Outstanding Achievement for “Extension Activity: 2005 National Soybean Rust Training, Quincy, FL, co organizers Carrie Harmon, Jim Marois and David Wright” 2006

American Phytopathological Society, 1999-Present, Turfgrass Pathology Committee Vice Chair, 2003-2004, Chair 2004-2005.

Gamma Sigma Delta Honor Society of Agriculture, Induction 2002.

Purdue University, Department of Botany and Plant Pathology, Outstanding Ph. D. Graduate Student 2002.

Service to the Profession and Institution

Member of the UF IFAS Blueberry Cultivar Release Committee. 2014-Present.

Chair of Search Committee for Agricultural Assistant Position. Michael Stilwell hired. 2014

Feature Editor for *Plant Disease* 2013 to 14.

Leadership Team Member for Extension Priority Initiative 1, “Sustainability, Profitability, and competitiveness of Agricultural and Horticultural Enterprises”. Priority 1 Summit Planning Committee Member. 2012-Present.

Extension Faculty Advisory Committee to Dean Millie Ferrer-Chancy 2010-11, Chair 2011

Section Editor for Turfgrass, *Plant Disease Management Reports*, 2008-12

Associate Editor of *Applied Turfgrass Science*, 2008-10

Web master for <http://turf.ufl.edu> 2008-Present.

Section Editor for Small Fruits, *Plant Disease Management Reports, Volume 1* 2006-07

Anonymous Reviewer for papers submitted to *Fungal Genetics and Biology*, *The Canadian Journal of Microbiology*, *Plant Disease*, *Crop Science*, *Crop Protection*, *Phytopathology*, *PLOS one*, and *Applied Turfgrass Science* 2004-Present

Refereed Publications

(My Student* or Post Doc Fellow*, Corresponding Author)

Harmon, P.F., Alcalá-Briseno, R.I., and Polston, J. 2014. Severe symptoms of mosaic and necrosis in ‘Floritam’ St. Augustinegrass associated with Sugarcane mosaic virus in neighborhoods of St. Petersburg, FL. <http://dx.doi.org/10.1094/PDIS-11-14-1140-PDN>

Marino, S. R., Williamson, J. G., Olmstead, J. W., and Harmon, P. F. 2014. Vegetative growth of three southern highbush blueberry cultivars obtained from micropropagation and softwood cuttings in two Florida locations. *Hort Science* 49:556-561.

Wright A.F.*, Harmon, P.F., and Olmstead, J.W. 2014. Screening southern highbush blueberry genotypes for *Botryosphaeria* stem blight. *Journal of the American Pomological Society* 68:209-213.

Cantu-Iris, M., Harmon, P.F., Londono, A., and Polston, J.E. 2013. A variant of blueberry necrotic ring blotch virus associated with red lesions in blueberry. *Archives of Virology* 159 2197-2200.

- Quito-Avila, D.F., Brannen, P.M., Cline, W.O., Harmon, P.F., and Martin, R.R. 2013. Genetic characterization of Blueberry necrotic ring blotch virus, a novel RNA virus with unique genetic features. *Journal of General Virology* 94:1426-1434.
- Srivastava, P., Andersen, P.C., Marois, J.J., Wright, D.L., Srivastava, M., and Harmon, P.F. 2013. Effect of phenolic compounds on growth and ligninolytic enzyme production in *Botryosphaeria* isolates. *Crop Protection* 43:146-156.
- Liberti, D.*, Rollins, J.A., and Harmon, P.F. 2012. Evidence for Morphological, Vegetative, Genetic, and Mating-Type Diversity in *Sclerotinia homoeocarpa*. *Phytopathology* 102:506-518.
- Meador, D.P., Fisher, P.R., Harmon, P.F. Peres, N.A., Teplitski, M., and Guy, C.L. 2012. Survey of physical, chemical, and microbial water quality in greenhouse and nursery irrigation water. *Hort Technology* 22:778-786.
- Merritt, J. L., Dickstein, E., Johnson, R. S., Ward, M., Balaam, R. J., Harmon, C. L., Harmon, P. F., Ali, G. S., Palmateer, A. J., Schubert, T. and van Bruggen, A. H. C. 2012, Survey of Ornamental Nurseries in Florida Participating in the U.S.-Canadian Greenhouse Certification Program. *Hort Technology* 22:169-176.
- Srivastava, P., Young, H.M., Marois, J.J., Wright, D.L., Dankers, H., Dufault, N.S., and Harmon, P.F. 2012. First report of downy mildew (*Hyaloperonospora camelinae*) on *Camelina sativa* in Florida. *Plant Dis.* 96:1692.
- Vega, B., Liberti, D., Harmon, P.F. and Dewdney, M.M. 2012. A rapid resazurin-based microtiter assay to evaluate QoI sensitivity for *Alternaria alternata* isolates and their molecular characterization. *Plant Dis.* 96:1262-1270.
- Dias, A.P.S., Li, X., Harmon, P.F., Harmon, C.L., Yang, X.B. 2011. Effects of shade intensity and duration on Asian soybean rust caused by *Phakopsora pachyrhizi*. *Plant Dis.* 95:485-489.
- Kammerer, S.J.*, Burpee, L.L., and Harmon, P.F. 2011. Identification of a new *Waitea circinata* variety causing basal leaf blight of seashore paspalum. *Plant Dis.* 95:515-522.
- Jordan, S. A. *, Mailhot, D. J., Gevens, A. J., Marois, J. J., Wright, D. L., Harmon, C. L., and Harmon, P. F. 2010. Characterization of kudzu (*Pueraria* spp.) resistance to *Phakopsora pachyrhizi*, the causal agent of soybean rust. *Phytopathology* 100:941-948.
- Wright, A.F.* and Harmon, P.F. 2010. Identification of species in the Botryosphaeriaceae family causing stem blight on southern highbush blueberry in Florida. *Plant Dis.* 94:966-971.
- Wright, A.F.* and Harmon, P.F. 2009. First report of *Lasiodiplodia theobromae* associated with stem blight of southern highbush blueberries in Florida. *Plant Disease* 93(9):962.
- Kammerer, S.*, Harmon, P.F., McDonald, S., and Horvath, B. 2009. First report of brown ring patch caused by *Waitea circinata* var. *circinata* on *Poa annua* in Virginia. *Plant Disease* 93(4):426.
- Roberts, P.D., Raid, R.N., Harmon, P.F., Jordan, S.A.*, and Palmateer, A.J. 2009. First report of downy mildew caused by a *Peronospora* sp. on basil in Florida and the United States. *Plant Disease* 93(2):199.
- Flor, N.*, Harmon, P., Datnoff, L., Raid, R., and Nagata, R. 2008. First report of brown ring patch caused by *Waitea circinata* var. *circinata* on *Poa trivialis* in Florida. *Plant Disease* 92 (11):1586-1586.

Gevens, A. J., Nequi, N., Vitoreli, A.*, Marois, J. J., Wright, D. L., Harmon, C. L., and Harmon, P. F. 2008. First report of soybean rust caused by *Phakopsora pachyrhizi* on *Erythrina herbacea* (Coral Bean). *Plant Disease* 92 (10):1472.

Jurick, W. M.*, Narvaez, D. F., Brennan, M. M., Harmon, C. L., Marois, J. J., Wright, D. L., and Harmon, P. F. 2008. Winter survival of the soybean rust pathogen, *Phakopsora pachyrhizi*, in Florida. *Plant Disease* 92 (11):1551-1558.

Palmateer, A. J., Harmon, P. F., and Schubert, T. S. 2008. Downy mildew of coleus (*Solenostemon scutellarioides*) caused by *Peronospora* sp. in Florida. *Plant Pathology* 57 (2):372.

Jurick, W.M.*, Harmon, C.L., Marois, J., Wright, D.L., Lamour, K., Vitoreli, A.*, Creswell, T., Hershman, D., Estevez, C.; Kemerait, R., Balbalian, C., and Harmon, P.F. 2007. A comparative analysis of diagnostic protocols for detection of the Asian soybean rust pathogen, *Phakopsora pachyrhizi*. *Plant Health Progress* doi:10.1094/PHP-2007-0531-01-RS.

Stiles, C.M., Harmon, P.F., Brecht, M.O., and Datnoff, L.E. 2007. Evaluation of new fungicides and surfactants for the management of fairy ring associated with *Lycoperdon* sp. in bermudagrass. Online. *Applied Turfgrass Science* doi:10.1094/ATS-2007-0404-01-RS.

Lynch T.N., Marois J.J., Wright D.L., Harmon P.F., Harmon C.L., and Miles M.R. 2006. First report of soybean rust caused by *Phakopsora pachyrhizi* on *Phaseolus* spp. in the United States. *Plant Disease* 90 (7):970.

Lamour, K.H., Finley, L., Snover-Clift, K.L., Stack, J.P., Pierzynski, J., Hammerschmidt, R., Jacobs, J.L., Byrne, J.M., Harmon, P.F., Vitoreli, A.M.*, Wisler, G.C., Harmon, C.L., Levy, L., Zeller, K.A., Stone, C.L., Luster, D.G., and Frederick, R.D. 2006. Early detection of Asian soybean rust using PCR. Online. *Plant Health Progress* doi:10.1094/PHP-2006-0524-01-RS.

Hershman D.E., Bachi P.R., Harmon C.L., Harmon P.F., Palm M.E., McKemy J.M., Zeller K.A., and Levy L. 2006. First report of soybean rust caused by *Phakopsora pachyrhizi* on Kudzu (*Pueraria montana* var. *lobata*) in Kentucky. *Plant Disease* 90(6):834.

Harmon C.L., Harmon P.F., Mueller T.A., Marois J.J., and Hartman G.L. 2006. First report of *Phakopsora pachyrhizi* telia on kudzu in the United States. *Plant Disease* 90(3):380.

Harmon, P. F., Momol, M. T., Marois, J. J., Dankers, H., and Harmon, C. L. 2005. Asian soybean rust caused by *Phakopsora pachyrhizi* on soybean and kudzu in Florida. Online. *Plant Health Progress* doi:10.1094/PHP-2005-0613-01-RS.

Harmon P.F.* and Latin R. 2005. Winter survival of the perennial ryegrass pathogen *Magnaporthe oryzae* in north central Indiana. *Plant Disease* 89(4):412-418.

Harmon, P.F.* and Latin, R. 2003. Gray leaf spot of perennial ryegrass. Online. *Plant Health Progress* doi:10.1094/PHP-2003-1223-01-DG.

Harmon P.F.*, Dunkle L.D., and Latin R. 2003. A rapid PCR-based method for the detection of *Magnaporthe oryzae* from infected perennial ryegrass. *Plant Disease* 87(9):1072-1076.

Egel, D.S. and Harmon P.* 2001. Effects of nozzle type and spray pressure on control of *Alternaria* leaf blight of muskmelon with chlorothalonil. *Plant Disease* 85(10):1081-1084.

Harmon, P.*, Rane, K., Ruhl, G., and Latin, R. 2000. First report of gray leaf spot on perennial ryegrass in Indiana. *Plant Disease* 84:492.

Extension Publications on Extension Digital Information Source (EDIS): Peer Reviewed

| DLN | Series | Title | Date | 2014 |
|------------------------|---------------|--|---------------|--------------|
| pp154 | PP233 | Homeowner's Guide to Fungicides for Lawn and Landscape Disease Management | 8/1/2014 | 8747 |
| hs348 | HS1109 | Florida Subtropical Peaches: Production Practices | 8/1/2013 | 6288 |
| pp126 | PP204 | Gray Leaf Spot of St. Augustinegrass: Cultural and Chemical Management Options | 8/1/2014 | 5297 |
| lh040 | SSPLP14 | Turfgrass Disease Management | 8/1/2014 | 5039 |
| lh079 | SSPLP16 | Take-all Root Rot | 8/1/2014 | 4722 |
| lh044 | SSPLP5 | Large Patch | 8/1/2014 | 4469 |
| sr007 | RFSR007 | Sample Submission Guide for Plant Diagnostic Clinics of the FPDN | 12/1/2013 | 3134 |
| pp123 | PP202 | Professional Disease Management Guide for Ornamental Plants | 6/1/2012 | 2810 |
| lh048 | SSPLP9 | Helminthosporium Leaf Spot | 8/1/2014 | 2309 |
| hs380 | HS1156 | 2013 Florida Blueberry Integrated Pest Management Guide | 3/1/2013 | 2114 |
| lh064 | SSPLP1 | Key for Identification of Landscape Turfgrass Diseases | 2/1/2014 | 1801 |
| lh050 | SSPLP11 | Pythium Root Rot | 8/1/2014 | 1629 |
| pp172 | PP256 | Rusts on Ornamentals in Florida | 6/1/2012 | 1602 |
| pp118 | PP197 | Sudden Oak Death and Ramorum Blight | 8/1/2014 | 1378 |
| pp164 | PP244 | Physiological Disorders of Orchids: Oedema | 4/1/2014 | 1356 |
| lh046 | SSPLP7 | Fairy Rings | 8/1/2014 | 1123 |
| lh082 | SSPLP57 | Cercospora Leaf Spot | 8/1/2014 | 1060 |
| lh051 | SSPLP12 | Rust | 8/1/2014 | 952 |
| lh043 | SSPLP56 | Anthracnose | 8/1/2014 | 907 |
| lh047 | SSPLP8 | Gray Leaf Spot of St. Augustinegrass: Cultural and Chemical Management Options | 8/1/2014 | 894 |
| pp119 | PP198 | Botrytis Blossom Blight of Southern Highbush Blueberry | 8/1/2014 | 889 |
| pp124 | PP203 | Pythium Blight on Overseeded Turfgrass | 8/1/2014 | 683 |
| pp131 | PP206 | Southern Wilt of Geranium | 8/1/2014 | 469 |
| pp313 | PP313 | Mosaic Disease of St. Augustinegrass caused by Sugarcane Mosaic Virus | 11/1/2014 | 255 |
| pp157 | PP235 | Asian Soybean Rust | 7/1/2007 | 102 |
| hs1249 | HS1249 | Peach Scab | 7/1/2014 | 96 |
| pg134 | PP233 | 2006 Florida Plant Disease Management Guide: Avocado (<i>Persea americana</i>) | 10/24/2006 | 16 |
| | | | Total; | 60141 |

Abstracts

- Burkle, C.* , Olmstead, J.W., and Harmon P.F. 2012. A potential vector of Blueberry necrotic ring blotch virus and symptoms on various host genotypes. *Phytopathology* 102:S4.17.
- Hopkins, D., Harmon, P.F., and Brannen, P. 2012. Host range of *Xylella fastidiosa* strains that cause blueberry leaf scorch. *Phytopathology* 102:S4.55
- Cooper, G.T.* , Harmon, P.F., Liberti, D.* , Rollins, J., and Kohn, L. 2011. Characterization of *Poculum* sp isolated from warm-season turfgrass in Florida. *Phytopathology* 101:S39.
- Kammerer, S.J.* and Harmon, P.F. 2011. Correlation of environmental and edaphic factors to the isolation frequency of *Rhizoctonia* from seashore paspalum. *Phytopathology* 101:S182.
- Liberti, D.* , Rollins, J.A., and Harmon, P.F. 2011. Evidence of genetic diversity and heterothallism in *Sclerotinia homoeocarpa*, the causal agent of dollar spot disease. *Phytopathology* 101:S104.
- Martin, R.R. et al. 2011. Blueberry necrotic ring blotch, a new blueberry disease caused by a virus. *Phytopathology* 101:S115.
- Vega, B., Liberti, D.* , Harmon, P.F., and Dewdney, M.M. 2011. Characterization of QoI resistant isolates in *Alternaria alternata* causing brown spot in citrus. *Phytopathology* 101:S182.
- Wright, A.F.* and Harmon, P.F. 2011. Fungi in Botryosphaeriaceae causing stem blight in the Southeast and latent infection in southern highbush blueberry propagative material. *Phytopathology* 101:S194.
- Young, H.M., Liberti, D.* , Harmon, P., Marois, J.J., and Wright, D.L. 2011. Identification of a candidate resistance gene to *Phakopsora pachyrhizi*, the causal agent of soybean rust, in the alternative host kudzu, *Pueraria* spp. *Phytopathology* 101:S199.
- Kammerer, S.J.* and Harmon, P.F. 2010. New *Rhizoctonia*-like pathogens associated with diseases of warm-season turfgrasses. *Phytopathology* 100:S152.
- Liberti, D.* , Cooper, G.T.* , Rollins, J.A., and Harmon, P.F. 2010. Genetic diversity of the *Sclerotinia homoeocarpa* population in Florida. *Phytopathology* 100:S201.
- Raid, R.N., Roberts, P.D., and Harmon, P.F. 2010. Basil downy mildew in Florida: A disease of new importance. *Phytopathology* 100:S175.
- Vega, B., Harmon, P.F., and Dewdney, M.M. 2010. A rapid screening method for fungicide resistance in *Alternaria alternata*. *Phytopathology* 100:S130.
- Wright, A.F.* and Harmon, P.F. 2010. Evaluation of southern highbush blueberry cultivar and propagation methods for stem blight mortality during the first year of growth in Florida. *Phytopathology* 100:S138.
- Harmon, C.L., Harmon, P.F., and Vitoreli, A.M.* 2009. Building diagnostic capacity in Central America: A cooperative effort with the Southern Plant Diagnostic Network, USDA-FAS, and Ministries of Agriculture. *Phytopathology* 99:S51.
- Jordan, S.A.* , Harmon, P.F., Marois, J.J., Wright, D.L., Harmon, C.L. and Gevens, A.J. 2009. Characterization of kudzu (*Pueraria* spp.) resistance to *Phakopsora pachyrhizi*, the causal agent of soybean rust. *Phytopathology* 99:S59.
- Vitoreli, A.M.* , Harmon, C.L., and Harmon, P.F. 2009. Development of a real-time PCR

diagnostic protocol for Fusarium wilt of palm. *Phytopathology* 99 S135.

Cooper, G.T.* and Harmon, P.F. 2009. Characterization of unknown fungus associated with symptoms similar to dollar spot on warm-season turfgrass in Florida. *Phytopathology* 99:S24.

Kammerer, S.J.* and Harmon, P.F. 2009. A new *Rhizoctonia* sp. pathogenic to seashore paspalum turfgrass. *Phytopathology* 99:S61.

Wright, A.F.* and Harmon, P.F. 2009. Morphological identification and pathogenicity of *Botryosphaeria* spp. causing stem blight on southern highbush blueberries in Florida. *Phytopathology* 99:S143.

Harmon, P.F. 2008. Survival of the soybean rust pathogen in kudzu frondescence of Florida, USA. Ninth International Plant Pathology Congress. Abstract in ICPP Program.

Brannen, P. M., Nesmith, S., and Harmon, P. 2007. Use of phosphonates for control of *Phytophthora* root rot of blueberry. *Phytopathology* 97 (7):S13.

Jurick, W. M.*, Narvaez, D. F., Marois, J. J., Wright, D. L., and Harmon, P. F. 2007. Over winter survival of *Phakopsora pachyrhizi* on kudzu in Florida. *Phytopathology* 97 (7):S54.

Dias, A.P.S.*, Yang, X.B., Harmon, C. L., and Harmon, P. F. 2006. "Effects of night length and shade on the initial establishment of Asian soybean rust." in Proceedings of the 2006 National Soybean Rust Symposium. Online. Plant Management Network.

Harmon, C. L., Marois, J. J., Wright, D. L., and Harmon, P. F.. 2006. "Susceptibility of edible leguminous hosts to *Phakopsora pachyrhizi* under field conditions in central Florida." in Proceedings of the 2006 National Soybean Rust Symposium. Online. Plant Management Network.

Jurick, W. M.*, Harmon, C. L., Marois, J. J., Wright, D. L., and Harmon, P. F. 2006. "The effect of sample treatment on detection and urediniospore viability of *Phakopsora pachyrhizi*." in Proceedings of the 2006 National Soybean Rust Symposium. Online. Plant Management Network.

Wright, D. L., Marois, J. J., Narvaez, D., Mueller, T., O'Brien, K., Harmon, P. F., Harmon, C. L., and Jurick, W.* 2006. "Infection of kudzu by soybean rust *Phakopsora pachyrhizi* in Florida." in Proceedings of the 2006 National Soybean Rust Symposium. Online. Plant Management Network.

Ruiz, O.*, Harmon, P. F., and Stiles, C. M. 2006. "Vegetative compatibility among Florida dollar spot isolates" *Phytopathology* 96:S101.

Harmon, C. L., Harmon, P. F., and Momol, T. M. 2006. "Florida: A sentinel state for new and emerging plant pathogens" *Phytopathology*. 96:S46.

Harmon, P. F., Harmon, C. L., Marois, J. J., and Wisler, G. C. 2005. "Comparative Analysis of Diagnostic Methods for Asian Soybean Rust." in Proceedings of the National Soybean Rust Symposium. Online. Plant Management Network.

Marois, J. J., Wright, D. L., Harmon, C. L., Walker, J. W., Mellinger, H. C., and Harmon, P. F. 2005. "Florida Soybean Rust Sentinel Plots 2005." in Proceedings of the National Soybean Rust Symposium. Online. Plant Management Network.

Harmon, P. F., Momol, T. M., Marois, J. J. and Harmon, C. L. 2005. "PCR sequencing confirmation of Asian soybean rust on soybean and kudzu in Florida." *Phytopathology* 95S:40.

Harmon, P. F.*, Dunkle, L. D., and Latin, R. 2003. A rapid PCR-based method for the detection of *Magnaporthe oryzae* from infected perennial ryegrass. *Phytopathology* 93 (6 Supplement):S33.

Harmon, P. F.* and Latin, R. 2002. Influence of primary inoculum on epidemics of gray leaf spot on perennial ryegrass. *Phytopathology* 92 (6 Supplement):S34.

Harmon, P. F.* and Latin, R. 2001. Perennation of *Magnaporthe grisea* in the Midwest: Disease management implications. *Phytopathology* 91 (6 Supplement):S148.

Invited Presentations

Harmon, P.F. 2014. Four presentations were given at the Florida Turfgrass Association Conference and Show.

Harmon, P.F. 2014. "Ultradwarf Bermudagrass Putting Greens Disease Management." South Texas GCSA.

Harmon, P.F., 2014. "Diseases on Ultradwarf." Ultradwarf Bermudagrass Seminar hosted by Cactus and Pine Arizona GCSA.

Harmon, P.F., Kennelly, M., and Wong, F.P. 2014. "Warm Season Turfgrass Management." Golf Industry Show, GCSAA Education Conference.

Harmon, P.F. 2014. "New Fungicides for the Turf Market." 64th Annual Kansas Turfgrass Conference.

Harmon, P.F. 2014. "General Tips on Distinguishing Abiotic Stress from Disease." 64th Annual Kansas Turfgrass Conference.

Harmon, P.F. 2014. "Large Patch Management and Biology." 64th Annual Kansas Turfgrass Conference.

Harmon, P.F. 2014. "Managing stem blight disease of southern highbush blueberry in Florida." University of Georgia, Department of Plant Pathology Seminar Series.

Harmon, P.F. 2014. "Managing stem blight disease of southern highbush blueberry in Florida." Kansas State University, Department of Plant Pathology Seminar Series.

Stavornvisit, P. [Presenter] and Harmon, P.F. 2013. "Turfgrass Disease Diagnostic Seminar." Syngenta Asia Pacific Pte. Ltd., Singapore.

Harmon, P. F. [Presenter] and Kammerer, S. J. 2010. "New *Rhizoctonia*-like pathogens associated with diseases of warm-season turfgrasses" at APS Special Session, "Biology and Management of *Rhizoctonia* Diseases in Turfgrass Systems." Invited Speaker.

Harmon, P. F. 2005. "PCR, Detection Times Compared to ELISA" at APS National Soybean Rust Symposium, Nashville, TN, November, 2005.

Harmon, P. F. 2005. "Extension Plant Pathology: Rapidly meeting clientele needs." UF IFAS Extension Symposium. Premier Extension Products Session. Invited Speaker.

Harmon, P. F. [Presenter] and Latin R. 2001. "Perennation of *Magnaporthe grisea* in the Midwest: Disease Management Implications." APS Symposium, "Biology of *Magnaporthe grisea*", Invited Speaker.