

## 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.

### Professional Goals and Responsibilities

My extension responsibility is to implement a state-wide plant pathology program supporting the turfgrass, ornamental plant, and blueberry industries of Florida. The objective of my program is to identify and address clientele needs related to plant diseases through extension service and educational materials. My program activities and products address clientele needs through education and support of county faculty by providing specific data-driven disease management guidelines, training, services, and support. I strive to provide a positive UF, IFAS, and Department of Plant Pathology presence to a wide spectrum of clientele throughout the state.

My research goals are to investigate new and emerging diseases that threaten the commodities I serve, to develop new detection and diagnostic methods for plant pathogens and diseases, and to investigate the most efficient integrated disease management strategies that have the fewest economic and environmental costs for clientele.

### Student Instruction (2004 to present)

Student Name	Role	Degree	Major	Degree Date
DEWBERRY, JEROME J	Chair	D.P.M.	Plant Medicine	
BAYO, DEANNA C	Chair	Ph.D.	Plant Pathology	
BONKOWSKI, JOHN C	Chair	D.P.M.	Plant Medicine	
VELEZ CLIMENT, MARIA C	Chair	Ph.D.	Plant Pathology	
STAVORNVISIT, PRASERT	Chair	M.S.	Plant Pathology	12/22/2015
RYAN, ALICYN N	Chair	D.P.M.	Plant Medicine	8/11/2015
COOPER, GARY T	Chair	Ph.D.	Plant Pathology	12/23/2014
WRIGHT, AMANDA FAITH	Chair	Ph.D.	Plant Pathology	12/20/2011

KAMMERER,STEVEN J	Chair	Ph.D.	Plant Pathology	8/9/2011
FLOR,NORMA CRISTINA	Chair	M.S.	Plant Pathology	8/11/2009
VITORELI,ANNE MARIE	Chair	M.S.	Plant Pathology	12/23/2008
WRIGHT,AMANDA FAITH	Chair	M.S.	Plant Pathology	12/23/2008
PORTER,,JOHN CUMMINGS	Chair	D.P.M.	Plant Medicine	12/16/2006
FLOR,NORMA CRISTINA	Minor	Ph.D.	Agronomy	
FLETCHER,EVELYN V	Minor	M.S.	Soil and Water Science	8/12/2014
SEKORA,NICHOLAS S	Minor	Ph.D.	Entomology and Nematology	12/18/2012
CORDOVA,LEANDRO GABRIEL	Member	M.S.	Plant Pathology	
FORCELINI,BRUNA B	Member	Ph.D.	Plant Pathology	
GU,MENGYI	Member	Ph.D.	Entomology and Nematology	
MANCERO CASTILLO,DANIEL A	External	Ph.D.	Horticultural Sciences	
NICOLETTA,KATRINA RAE	Member	M.S.	Plant Pathology	
SAAD,NORSAZILAWATI	Member	Ph.D.	Plant Pathology	
SUAREZ,STEPHANIE N	Member	Ph.D.	Plant Pathology	
SOUZA OLIVEIRA,MICHELLE	Member	M.S.	Plant Pathology	12/22/2015
THAPA,NAWEENA	Member	M.S.	Plant Pathology	12/23/2014
PACHECO KOVALESKI,ALISSON	Member	M.S.	Horticultural Sciences	8/12/2014
VEGA JIMENEZ,BYRON PATRICIO	Member	Ph.D.	Plant Pathology	5/6/2014
RIOS,ESTEBAN F	Member	M.S.	Agronomy	12/17/2013
MEADOR,DUSTIN P	Member	Ph.D.	Horticultural Sciences	5/7/2013
LEESON,TODD M	Member	D.P.M.	Plant Medicine	12/18/2012
MARINO,SILVIA R	Member	M.S.	Horticultural Sciences	12/18/2012
MAIA,GABRIELLA SILVEIR	Member	M.S.	Plant Pathology	5/8/2012
VEGA,RAFAEL A	Member	D.P.M.	Plant Medicine	5/8/2012
YOUNG,HEATHER MARIE	Member	Ph.D.	Plant Pathology	5/8/2012
PEDERSON,CLAY WILLIAM	Member	D.P.M.	Plant Medicine	12/23/2008
HIGH,ASA J	Member	M.S.	Horticultural Sciences	8/12/2006

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

### Member ships, Honors, and Awards

U.P. Hedrick Award (American Pomological Society) 2014. Second Place winner for best graduate student manuscript:

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

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.

Caribbean Division of the American Phytopathological Society 2010 to Present

Southern Division of the American Phytopathological Society 2010 to 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

North Central Division of the American Phytopathological Society 1999 to Present

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. 2015. Severe symptoms of mosaic and necrosis in 'Floratam' St. Augustinegrass associated with Sugarcane mosaic virus in neighborhoods of St. Petersburg, FL. *Plant Disease* 99:557.
- Onofre, R.B., Mertely, J.C., Aguiar, F.M., Timilsina, S., Harmon, P.F., Vallad, G.E., and Peres, N.A. 2015. First report of target spot caused by *Corynespora cassiicola* on blueberry in North America. *Plant Disease*. Online. <http://dx.doi.org/10.1094/PDIS-03-15-0316-PDN>
- Rios, E., Blount, A., Harmon P., Mackowiak, C. Kenworthy, K., and Quesenberry, K. 2015. Ergot resistant tetraploid bahiagrass and fungicide effects on seed yield and quality. *Plant Health Progress* doi:10.1094/PHP-RS-14-0051.
- 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.
- Quesenberry, K. Kenworthy, K. Crow, W.T., Harmon, P.F., Lu, H., Milla-Lewis, S. 2013. Lance nematode effects on rooting of two St. Augustinegrass cultivars. *Int. Turfgrass Soc. res. j.* 12:357.
- Flor, N.C., Munoz, P., Harmon, P., and Kenworthy, K. Response of seashore paspalum genotypes to dollar spot disease. *Int. Turfgrass Soc. res. j.* 12:119.
- 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	Pub. #	Title	2011	2012	2013	2014	2015
<a href="#">PP154</a>	PP233	Homeowner's Guide to Fungicides for Lawn and Landscape Disease Management	6880	2037	10451	8747	10986
<a href="#">hs348</a>	HS1109	Florida Subtropical Peaches: Production Practices	2700	7353	2642	6288	7411
<a href="#">PP126</a>	PP204	Gray Leaf Spot of St. Augustinegrass: Cultural and Chemical Management Options	2614	3322	4690	5297	6213
<a href="#">lh044</a>	SSPLP5	Large Patch	3575	4571	4634	4469	6077
<a href="#">LH040</a>	SSPLP14	Turfgrass Disease Management	4814	4650	5621	5039	5832
<a href="#">lh079</a>	SSPLP16	Take-all Root Rot	3310	2721	4621	4722	5286
<a href="#">PP313</a>	PP313	Mosaic Disease of St. Augustinegrass Caused by Sugarcane Mosaic Virus	0	0	0	255	4381
<a href="#">PP123</a>	PP202	Professional Disease Management Guide for Ornamental Plants	1676	3239	2510	2810	3445
<a href="#">sr007</a>	RFSR007	Sample Submission Guide for Plant Diagnostic Clinics of the Florida Plant Diagnostic Network.	2414	2329	3029	3134	3176
<a href="#">HS380</a>	HS1156	2013 Florida Blueberry Integrated Pest Management Guide	1047	2224	3163	2114	2325
<a href="#">LH064</a>	SSPLP1	Key for Identification of Landscape Turfgrass Diseases	1602	12	1006	1801	2182
<a href="#">LH048</a>	SSPLP9	Helminthosporium Leaf Spot	2446	1870	2814	2309	2149
<a href="#">PP172</a>	PP256	Rusts on Ornamentals in Florida	631	642	1705	1602	1664
<a href="#">PP118</a>	PP197	Sudden Oak Death and Ramorum Blight	998	475	1102	1378	1349
<a href="#">PP164</a>	PP244	Physiological Disorders of Orchids: Oedema	1416	299	1437	1356	1298
<a href="#">PP119</a>	PP198	Botrytis Blossom Blight of Southern Highbush Blueberry	811	812	1043	889	1155
<a href="#">LH050</a>	SSPLP11	Pythium Root Rot	1776	3006	1465	1629	1147
<a href="#">LH046</a>	SSPLP7	Fairy Rings	1524	50	1294	1123	984
<a href="#">PP124</a>	PP203	Pythium Blight on Overseeded Turfgrass	631	15	714	683	914
<a href="#">LH082</a>	SSPLP57	Cercospora Leaf Spot	1518	930	1292	1060	827
<a href="#">LH047</a>	SSPLP8	Gray Leaf Spot of St. Augustinegrass: Cultural and Chemical Management Options	1338	1270	926	894	754

<a href="#">LH043</a>	SSPLP56	Anthraco nose	1251	83	918	907	726
<a href="#">HS1249</a>	HS1249	Peach Scab	0	0	0	96	626
<a href="#">PP131</a>	PP206	Southern Wilt of Geranium	296	1058	526	469	543
<a href="#">LH051</a>	SSPLP12	Rust	868	150	837	952	477
<a href="#">hs1263</a>	HS1263	Peach Rust	0	0	0	0	411
<a href="#">hs1265</a>	HS1265	Fungal Gummosis in Peach	0	0	0	0	402
Total downloads:			46,136	43,118	58,440	60,023	72,740



**Abstracts**

- Ong, K.L., Harmon, P.F., and Harmon, C.L. 2014. Challenges of standardizing molecular detection/diagnostic tests for plant disease diagnostic laboratories. *Phytopathology* 104:S2.7-8.
- 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 turfdgrass 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." 64<sup>th</sup> Annual Kansas Turfgrass Conference.

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

Harmon, P.F. 2014. "Large Patch Management and Biology." 64<sup>th</sup> 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.