

## Curriculum Vitae

### Damon L. Smith

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### EDUCATION

North Carolina State University	2007	Ph.D.	Plant Pathology
North Carolina State University	2004	M.S.	Plant Pathology
State University of New York, College at Geneseo	2001	B.S.	Biology

### PROFESSIONAL EXPERIENCE

September 2012 – Present:	Assistant Professor (75% Extension/25% Research), University of Wisconsin-Madison, Department of Plant Pathology Affiliate Professor, University of Wisconsin, Department of Entomology Adjunct Assistant Professor, Oklahoma State University, Department of Entomology and Plant Pathology
September 2007-August 2012:	Assistant Professor (75% Extension/25% Research), Oklahoma State University, Department of Entomology and Plant Pathology Director, Turfgrass Diagnostic Laboratory, Oklahoma State University, Department of Entomology and Plant Pathology
August 2001-August 2007:	Graduate Research Assistant, North Carolina State University, Department of Plant Pathology
September 2000-May 2001:	Undergraduate Research Assistant, State University of New York, College at Geneseo, Department of Biology

### PROFESSIONAL SOCIETY MEMBERSHIPS

Sigma Xi Honor Society  
Gamma Sigma Delta Honor Society  
American Phytopathological Society  
North Central Division of American Phytopathological Society  
American Society of Agronomy  
Midwest Forage Association

### HONORS AND AWARDS

2016: Second Mile Award – Presented by the Wisconsin Association of County Agricultural Agents  
2015: Extension Education Community Education Materials Award – Publications Greater than 16 pages presented by American Society of Agronomy for the publication “Crop Protection Network Publication Series on Soybean Diseases”

- 2011: Blue Ribbon Extension Communications Award presented by the Southern Region American Society for Horticultural Science for the publication “Handbook of Oklahoma Vineyard Establishment and Management E-1015”
- 2010: Blue Ribbon Public Award presented by the Southern Region American Society for Horticultural Science for the publication “A Pocket Guide to Oklahoma Pecan Diseases, Insects, and Other Disorders E-1009”
- 2009: Gamma Sigma Delta –New Extension Educator Award of Merit, Oklahoma State University  
Blue Ribbon Public Award presented by the Southern Region American Society for Horticultural Science for the fact sheet publication “Managing Storm-Damaged Trees EPP-7323”
- 2006: Elsie J. and Robert Aycock and American Phytopathological Society Council Student Travel Award
- 2005: Storkan-Hanes-McCaslin Foundation Award, American Phytopathological Society American Peanut Research and Education Society, 1<sup>st</sup> place, graduate student paper competition  
American Phytopathological Society Southern Division, 1<sup>st</sup> place, graduate student paper competition  
American Phytopathological Society Southern Division, Travel award
- 2004: American Peanut Research and Education Society,– 1<sup>st</sup> place graduate student paper competition
- 2001: Beta Beta Beta Biological Science Honor Society – SUNY Geneseo  
Lawrence J. King Plant Science Award – SUNY Geneseo
- 1994: Eagle Scout – Boy Scouts of America

## **SERVICE**

### Grant Panels

- Panel reviewer, Hatch Act Grant Panel (FY2016), University of Wisconsin-Madison.
- Panel reviewer, Crop Protection and Pest Management Program (FY 2015), USDA-NIFA
- Panel reviewer, Hatch Act Grant Panel (FY2015), University of Wisconsin-Madison.
- Panel reviewer, 2014 Hilldale-Holstrom Undergraduate Research Fellowship Panel, University of Wisconsin-Madison.

### Society

- Senior Editor, *Plant Disease* Journal, American Phytopathological Society (2016-Present)
- Chair, NCERA 137 – Soybean Disease Working Group, Multistate Research Projects (March 2016 – Present)
- Lead Editor, *A Farmer’s Guide to Wheat Diseases*, American Phytopathological Society (September 2016 – Present)
- Chair, Chemical Control Committee, American Phytopathological Society (August 2015-August 2016)

- Secretary, NCERA 137 – Soybean Disease Working Group, Multistate Research Projects (March 2015 – March 2016)
- Associate Editor, *Plant Disease* Journal, American Phytopathological Society (2014-2015)
- Chair, NCERA-184 Small Grains Diseases Working Group (June 2014-June 2015)
- Vice-Chair, Chemical Control Committee, American Phytopathological Society (August 2014-August 2015)
- Secretary, NCERA-184 Small Grains Diseases Working Group (March 2013-June 2014)
- Past-Chair, Turfgrass Committee, American Phytopathological Society (Summer 2011 – Summer 2012)
- Chair, Turfgrass Committee, American Phytopathological Society (Summer 2010 – Summer 2011)
- Vice-chair, Turfgrass Committee, American Phytopathological Society (Summer 2009 – Summer 2010)
- Ad-hoc reviewer for *Plant Disease*, *Peanut Science*, and *Crop Protection* (2006 – Present)

#### University

- Departmental Representative, University of Wisconsin-Madison, Seed Storage Facility Remodeling Committee (Fall 2015 – Present)
- Departmental Representative, Oklahoma State University, Agriculture Faculty Council (Fall 2009 – Fall 2011)

#### Departmental

- Member, Departmental Qualifying Exam Committee, University of Wisconsin, Department of Plant Pathology (2016-2017)
- Representative, Russell Labs IT Committee, University of Wisconsin, Russell Labs Hub (2015-Present)
- Chair, Departmental Lecture and Seminar Committee, University of Wisconsin, Department of Plant Pathology (2015-2016)
- Member, Departmental Space Committee, University of Wisconsin, Department of Plant Pathology (2012 – 2015)
- Chair, Departmental Information Technology Committee, University of Wisconsin, Department of Plant Pathology (2014-2015)
- Member, Departmental Qualifying Exam Committee, University of Wisconsin, Department of Plant Pathology (2014-2015)
- Member, Graduate Student Selection Committee, University of Wisconsin, Department of Plant Pathology (2012 – 2014)
- Member, Faculty Search and Screen Committee, Assistant Professor, Turfgrass Pathology, University of Wisconsin, Department of Plant Pathology (2013)
- Member, Graduate Student Selection Committee, Oklahoma State University, Department of Entomology and Plant Pathology (2008 – 2012)
- Member, Graduate Student Handbook Committee, Oklahoma State University, Department of Entomology and Plant Pathology (2008 – 2012)

- Member, Faculty Search and Screen Committee, Assistant Professor and Extension Specialist, Horticulture Entomology, Oklahoma State University, Department of Entomology and Plant Pathology (2009)
- Departmental Seminar Co-coordinator, Oklahoma State University, Department of Entomology and Plant Pathology (Spring 2009)

### **FUNDING AS PI (Total – \$1,017,273)**

University of Wisconsin (Total to University - \$689,180)

1. Smith, D.L., Wise, K., Mueller, D., and Mathew, F. Improving our understanding of stem canker and how to manage it in soybean across the Midwest – Year 2. 2016. North Central Research Program. \$95,000. 1-year duration.
2. Smith, D.L. Incorporation of white mold resistance into commercially viable soybean cultivars. 2016. Wisconsin Soybean Marketing Board. \$68,576. 4-year duration.
3. Smith, D.L. Efficacy and economics of integrated management programs for FHB and DON in soft red winter wheat in Wisconsin. 2016. United States Barley and Wheat Scab Initiative. \$18,689. 1-year duration.
4. Smith, D.L. and Chapman, S.A. Evaluating the utility and economics of fungicide use on reduced-lignin alfalfa for high quality hay production – Year 2. 2016. Midwest Forage Association. \$4,096. 1-year duration.
5. Smith, D.L., Wise, K., Mueller, D., and Mathew, F. Improving our understanding of stem canker and how to manage it in soybean across the Midwest. 2015. North Central Research Program. \$50,000. 1-year duration.
6. Smith, D.L. and Conley, S.P. Improving fungicide management of Sclerotinia stem rot of soybean. Wisconsin Soybean Marketing Board. 2015. \$48,316. 2-year duration.
7. Smith, D.L., Chapman, S., Jensen, B., and Undersander, D.J. Evaluating the utility and economics of fungicide use on reduced-lignin alfalfa for high quality hay production. Midwest Forage Association. 2015. \$5,000. 1-year duration.
8. Smith, D.L. and Conley, S.P. Improving our understanding of stripe rust of wheat and yield loss associated with the disease in the upper Midwestern U.S. USDA-NIFA Hatch. 2015. \$69,012. 2-year duration.
9. Smith, D.L. Release of public soybean germplasm with resistance to multiple diseases. WARF-WCIA. 2014. \$12,000. 2-year duration.
10. Smith, D.L. Development and refinement of integrated management strategies for Sclerotinia stem rot of soybean. USDA-NIFA Hatch. 2014. \$81,000. 2-year duration.
11. Smith, D.L., Hughes, T., Chilvers, M., Wise, K., Mueller, D., Dorrance, A., Niblack, T. Improving awareness and management of charcoal rot of soybean in the North Central Region. North Central Soybean Research Program. 2013. \$100,000. 1-year duration.
12. Smith, D.L. and Conley, S.P. Evaluation and integration of Sclerotinia stem-rot resistant soybean breeding lines in the field. Wisconsin Soybean Marketing Board. 2013. \$38,155. 1-year duration.
13. Smith, D.L., Groves, R., and Conley, S.P. Determining the Importance of the Soybean Vein Necrosis Disease (SVND) in Wisconsin. Wisconsin Soybean Marketing Board. 2013. \$99,336. 3-year duration.

Oklahoma State University (Total to University - \$328,093)

1. Smith, D.L., Sutherland, A., Sahs, R. Improving the understanding and control of black rot of grape in Oklahoma vineyards. Oklahoma Viticulture and Enology Development Fund – Oklahoma Department of Commerce. 2012. \$50,000. 2-year duration.
2. Smith, D.L., Walker, N.R., Brosnan, J., Horvath, B., and Zhang, H. The effect of fertilization and low-risk fungicide/herbicide programs on diseases and weeds common in amenity bermudagrass. USDA-NIFA Pest Management Alternatives Program. 2011. \$149,088. 2-year duration.
3. Smith, D.L. Validation of a Logistic Regression Model for Prediction of Dollar Spot of Amenity Turfgrasses. United States Golf Association. 2011. \$29,188. 2-year duration.
4. Smith, D.L. Pecan Integrated Pest Management Pest Information Platform for Extension and Education (ipmPIPE). USDA-NIFA. 2011. \$15,000. 1-year duration.
5. Smith, D.L. Request for microscopes for the Oklahoma State University Turfgrass Diagnostic Laboratory. Oklahoma Turfgrass Research Foundation. 2011. \$13,500. 1-year duration.
6. Smith, D.L. Pecan Integrated Pest Management Pest Information Platform for Extension and Education (ipmPIPE). USDA-NIFA. 2010. \$10,000. 1-year duration.
7. Smith, D.L., Sutherland, A., Rebek, E. Black Rot Model and Turf Degree-Day Calculator. Sub-Award – Request for Support of High-Priority EIPM Coordination Programs for IPM Oklahoma! 2009. \$18,317. 1-year duration.
8. Smith, D.L. and Stafne, E.T. Development of an Integrated Approach for Managing Black rot of Grape in Oklahoma. Oklahoma State University TIP program. 2008. \$38,000. 2-year duration.
9. Smith, D.L. Improving the Management Strategies for Major Diseases of Pecan in Oklahoma. Oklahoma Pecan Grower's Association, 2007. \$5,000. 1-year duration.

**FUNDING AS CO-PI (Total - \$1,354,063)**

University of Wisconsin (Total to University - \$1,076,150)

1. MacGuidwin, A., Conley, S.P., and Smith, D.L. Soybean cyst nematode testing and education. 2016. Wisconsin Soybean Marketing Board. \$40,435. 1-year duration.
2. Kabbage, M. and Smith, D.L. 2016. Engineering Sclerotinia stem rot resistance in soybean. 2016. Wisconsin Soybean Marketing Board. \$64,175. 2-year duration.
3. Mueller, D., Leandro, L., Tylka, G., Arbuckle, J., Artz, G., Fagihi, J., Wise, K., Smith, D.L., Ferris, V., Chilvers, M., and Mathew, F. Developing an integrated management and communication plan for soybean sudden death syndrome – Year 2. 2016. North Central Soybean Research Program. \$25,000. 1-year duration.
4. MacGuidwin, A., Conley, S.P., and Smith, D.L. Soybean cyst nematode testing and education. 2015. Wisconsin Soybean Marketing Board. \$40,221. 1-year duration.
5. Kabbage, M., Smith, D.L., Mueller, D., Chilvers, M., and Everhart, S. Biology and Control of Sclerotinia stem rot of soybean. 2015. North Central Soybean Research Program. \$270,000. 3-year duration.
6. Mueller, D., Leandro, L., Tylka, G., Arbuckle, J., Artz, G., Fagihi, J., Wise, K., Smith, D.L., Ferris, V., Chilvers, M., and Mathew, F. Developing an integrated management and

communication plan for soybean sudden death syndrome. 2015. North Central Soybean Research Program. \$20,000. 1-year duration.

7. Conley, S.P. and Smith, D.L. Integrating soybean recommendations at the field level that maximize yield, minimize risk and deliver a consistent return on investment. Wisconsin soybean Marketing Board. 2015. \$321,118. 3-year duration.
8. Kabbage, M. and Smith, D. Identification of resistance sources to *Sclerotinia* stem rot by deep RNA sequencing. Wisconsin Soybean Marketing Board. 2014. \$66,686. 2-year duration.
9. Rakotondrafara, A. and Smith, D.L. Tool for screening for resistance against newly emerging soybean viruses. Wisconsin Soybean Marketing Board. 2014. \$53,254. 2-year duration.
10. Wise, K., Mueller, D., Byamukama, E., Chilvers, M., Little, C., Smith, D. Understanding the role of fungicide programs on soybean health and charcoal rot development. North Central Soybean Research Program. 2014. \$50,000. 3-year duration.
11. Rupe, J., Hughes, T., Niblack, T., Wise, K., Chilvers, M., Smith, D., Conley, S. Charcoal rot: Host resistance and disease development. United Soybean Board. 2014. \$34,500. 1-year duration.
12. Conley, S.P. and Smith, D.L. Characterizing the Effect of *Fusarium virguliforme* and *Fusarium graminearum* on Wisconsin Soybeans. Wisconsin Soybean Marketing Board. 2013. \$53,260. 2-year duration.
13. Shuman, J., Tyler, B., Jardine, D., Kalaitzandonakes, N., Malvick, D., Morris, P., Bradley, C., Fraga, D., Lee, D., Osborne, L., Ospina-Giraldo, M., Sirum, K., Wise, K., Chilvers, M., Lawrence, C., Parrott, W., Tartar, A., McDowell, J., Morgan, W., Setbal, J., Blair, J., Smith, D., Giesler, L., Markell, S., Nelson, B., Phuntumart, V., Laubenbacher, R., Saghai Maroof, M., Robertson, A. Integrated management of oomycete diseases of soybean and other crop plants. USDA-CAP. 2013. \$37,501. 2-year duration.

#### Oklahoma State University (Total to University - \$277,913)

1. Ochoa Corona, F.M., Smith, D.L., Olson, J. Development of a grower friendly detection method for viruses infecting ornamentals. American Floral Endowment. 2012. \$67,644. 2-year duration.
2. Rebek, E.J. and D.L. Smith. Increasing Adoption of IPM Methods for Management of Insect Vectors of *Xylella fastidiosa* in Oklahoma Vineyards, Nurseries, and Landscapes. USDA-NIFA Extension IPM Coordination and Support Program. 2010. \$16,926. 2-year duration.
3. Criswell, J.T., Luper, C., Talley, J., Rebek, E., and Smith, D.L. State Contact and IPM Documents for Oklahoma. Southern Region IPM Center. 2009. \$57,343. 1-year duration.
4. Walker, N.R., Mitchell, T., Marek, S., and Smith, D.L. Infection and colonization of bermudagrass by *Ophiosphaerella* species, the causal agents of spring dead spot of bermudagrass. United States Golf Association. 2008. \$57,657. 3-year duration (delayed 1 year).
5. Rebek, E.J., Anderson, J., Bell, G., Gerken, D., Martin, D., Royer, T., Shrefler, J., Smith, D.L., Walker, N., and Wu, Y. Development of an Interactive, Web-based Portal for Extending Integrated Turfgrass Management Technologies to the Oklahoma Green Industry. Oklahoma State University TIP program. 2008. \$21,000. 2-year duration.

**CONTRACTS, GIFTS, AND OTHER PRIVATE INDUSTRY SUPPORT (Total - \$613,295)**

University of Wisconsin (Total to University - \$531,600)

2016:	\$12,000	Syngenta Crop Protection – Support of field crops research	
	\$18,000	FMC/Chemnova - Support of field crops research	
	\$28,500	DuPont Company - Support of field crops research	
	\$62,000	Bayer Crop Science – Support of field crops research	
	\$25,500	BASF Crop Protection - Support of field crops research	
	\$6,750	HeadsUp, LLC. - Support of field crops research	
	\$9,750	Sipcam/Advan – Support of field crops research	
	\$6,000	Gowan - Support of field crops research	
	\$4,500	Helm Agro – Support of field crops research	
	\$3,000	Arysta – Support of field crops research	
	\$2,250	Viva, Inc. – Support of field crops research	
	2015:	\$17,650	Syngenta Crop Protection – Support of field crops research
		\$14,500	FMC/Chemnova - Support of field crops research
\$34,000		DuPont Company - Support of field crops research	
\$40,800		Bayer Crop Science – Support of field crops research	
\$11,900		BASF Crop Protection - Support of field crops research	
\$9,750		HeadsUp, LLC. - Support of field crops research	
\$9,750		Sipcam/Advan – Support of field crops research	
2014:	\$5,250	Gowan - Support of field crops research	
	\$20,300	Syngenta Crop Protection – Support of field crops research	
	\$23,000	Chemnova - Support of field crops research	
	\$28,200	DuPont Company - Support of field crops research	
	\$20,000	Bayer Crop Science – Support of field crops research	
	\$5,750	BASF Crop Protection - Support of field crops research	
	\$3,500	Valent USA - Support of field crops research	
	\$2,500	HeadsUp, LLC. - Support of field crops research	
2013:	\$31,500	Syngenta Crop Protection – Support of field crops research	
	\$20,500	Chemnova - Support of field crops research	
	\$20,000	DuPont Company - Support of field crops research	
	\$13,000	Bayer Crop Science – Support of field crops research	
	\$10,500	MANA- Support of field crops research	
	\$5,000	BASF Crop Protection - Support of field crops research	
	\$4,500	Valent USA - Support of field crops research	
	\$1,500	Viva, LLC. - Support of field crops research	

Oklahoma State University (Total to University - \$81,695)

2011:	\$8,670	OSU Turfgrass Diagnostic lab Revenue.
	\$2,500	Cleary Company - Evaluation of experimental fungicides for the control of dollar spot and brown patch of creeping bentgrass putting greens.
	\$12,900	Bayer Environmental Science - Using fungicides to control turfgrass disease in Oklahoma.

	\$1,800	Syngenta Crop Protection - Evaluation of fungicides for the control of dollar spot of creeping bentgrass putting greens.
	\$2,400	Valent, USA - Development of fungicide and herbicide programs for management of creeping bentgrass putting greens in Oklahoma.
	\$4,000	BASF Crop Protection - Evaluation of Pillar fungicide for control of brown patch of tall fescue in Oklahoma.
2010:	\$5,000	Bayer Environmental Science - Management of large patch of Zoysiagrass with fungicides.
	\$2,000	Bayer Environmental Science - Evaluations of fungicide programs for the control of dollar spot and brown patch of creeping bentgrass.
	\$1,800	BASF Crop Protection - Evaluations of fungicide programs for the control of dollar spot and brown patch of creeping bentgrass.
	\$1,000	Syngenta Crop Protection - Evaluations of fungicide programs for the control of dollar spot and brown patch of creeping bentgrass.
	\$1,000	Valent USA - Evaluations of fungicide programs for the control of dollar spot and brown patch of creeping bentgrass.
	\$800	Viva, LLC. - Evaluation of fungicide programs for control of pecan scab in Oklahoma.
2009:	\$1,925	Bayer Environmental Science - Management of large patch of Zoysiagrass.
	\$2,000	Bayer Environmental Science - Management of dollar spot of creeping bentgrass.
	\$1,000	Syngenta Crop Protection - Management of brown patch of tall fescue.
	\$4,500	Scotts Company - Management of brown patch of tall fescue.
	\$2,500	Dow Agrosiences - Management of brown patch of creeping bentgrass.
	\$1,000	Valent, USA - Management of brown patch of creeping bentgrass.
	\$1,500	BASF Crop Science - Management of dollar spot of creeping bentgrass.
	\$2,000	Syngenta Crop Protection - Fungicide evaluations for management of dollar spot of creeping bentgrass.
2008:	\$5,000	Syngenta Crop Protection - Fungicide evaluations for management of dollar spot of creeping bentgrass.
	\$11,000	Scotts Company - Foliar disease trial of roses: black spot.
	\$4,000	BASF Crop Science - Management of dollar spot of creeping bentgrass.
	\$2,000	Bayer Environmental Science - Management of dollar spot of creeping bentgrass.



## REFEREED PUBLICATIONS (Total of 27)

1. Rojas, J.A., Jacobs, J., Napieralski, S., Karaj, B., Bradley, C.A., Chase, T., Esker, P., Giesler, L., Jardine, D., Malvick, D., Markell, S., Nelson, B., Robertson, A., Rupe, J., Smith, D., Sweets, L., Tenuta, A., Wise, K., and Chilvers, M. 2017. Oomycete species associated with soybean seedlings in North America – Part I: Identification and pathogenicity characterization. *Phytopathology*. *Accepted*.
2. Rojas, J.A., Jacobs, J., Napieralski, S., Karaj, B., Bradley, C.A., Chase, T., Esker, P., Giesler, L., Jardine, D., Malvick, D., Markell, S., Nelson, B., Robertson, A., Rupe, J., Smith, D., Sweets, L., Tenuta, A., Wise, K., and Chilvers, M. 2017. Oomycete species associated with soybean seedlings in North America – Part II: Diversity and ecology in relation to environmental and edaphic factors. *Phytopathology*. *Accepted*.
3. Willbur, J. F., Ding, S., Marks, M. E., Lucas, H., Grau, C. R., Groves, C. L., Kabbage, M., and Smith, D. L. 2017. Comprehensive Sclerotinia stem rot screening of soybean germplasm requires multiple isolates of *Sclerotinia sclerotiorum*. *Plant Dis.* 101:344-353.
4. Bloomingdale, C., Irizarry, M.D., Groves, R.L., Mueller, D.S., and Smith, D.L. 2017. Seasonal population dynamics of thrips (Thysanoptera) in Wisconsin and Iowa soybean fields. *Journal of Economic Entomology*.doi:10.1093/jee/tow242.
5. Baturó-Ciesniewska, A., Groves, C.L., Albrecht, K.A., Grau, C.R., Willis, D.K., and Smith, D.L. 2017. Molecular identification of *Sclerotinia trifoliorum* and *Sclerotinia sclerotiorum* isolates from the United States and Poland. *Plant Dis.* 101:192-199.
6. Marburger, D.A., Smith, D.L., and Conley, S.P. 2016. Revisiting planting date and cultivar effects on soybean sudden death syndrome. *Plant Dis.* 100:2152-2157.
7. Groves C., German T., Dasgupta R., Mueller D., Smith D.L. 2016. Seed Transmission of Soybean vein necrosis virus: The First Tospovirus Implicated in Seed Transmission. *PLoS ONE* 11(1): e0147342. doi:10.1371/journal.pone.0147342.
8. Mueller, D., Wise, K.A., Sisson, A.J., Allen, T.A., Bergstrom, G.C., Bosley, D.B., Bradley, C.A., Broders, K.D., Byamukama, E., Chilvers, M.I., Collins, A., Faske, T.R., Friskop, A.J., Heiniger, R.W., Hollier, C.A., Hooker, D.C., Isakeit, T., Jackson-Ziems, T.A., Jardine, D.J., Kelly, H.M., Kinzer, K., Koenning, S.R., Malvick, D.K., McMullen, M., Meyer, R.F., Paul, P.A., Robertson, A.E., Roth, G.W., Smith, D.L., Tande, C.A., Tenuta, A.U., Vincelli, P., and Warner, F. 2016. Corn Yield Loss Estimates Due to Diseases in the United States and Ontario, Canada from 2012 to 2015. *Plant Health Progress*. 17:211-222.
9. Smith, D.L. 2016. Response to “On seed transmissibility of Soybean vein necrosis-associated virus in symptomless soybean seedlings.” *Plant Health Prog.* 17:185.
10. Irizarry, M. D., Groves, C. L., Elmore, M. G., Bradley, C. A., Dasgupta, R., German, T. L., Jardine, D. J., Saalau Rojas, E., Smith, D. L., Tenuta, A. U., Whitham, S. A., and Mueller, D. S. 2016. Re-emergence of Tobacco streak virus infecting soybean in the United States and Canada. *Plant Health Prog.* 17:92-94.
11. Stafne, E.T., Carroll, B., and Smith, D. 2015. Black rot control and bud cold hardiness of ‘Noiret’ winegrape. *J. Applied Hort.* 17:106-108.
12. Piotrowski, J., Okada, H., Lu, F., Li, S., Ranjan, A., Smith, D., Higbee, A., Ulbrich, A., Coon, J., Deshpande, R., Bukhman, Y., McIlwain, S., Ong, I., Myers, C. Boone, C., Landick, R., Ralph, J., Kabbage, M., Ohaya, Y. 2015. The plant derived, antifungal agent poacic acid targets  $\beta$ -1,3-glucan. *PNAS* www.pnas.org/cgi/doi/10.1073/pnas.1410400112.

13. Kandel Y. R., Bradley, C. A., Wise, K. A., Chilvers, M. I., Tenuta, A. U., Davis, V. M., Esker, P. D., Smith D. L., Licht M. A. and Mueller, D. S. 2015. Effect of glyphosate application on sudden death syndrome of glyphosate-resistant soybean under different field conditions. *Plant Dis.* 99:347-354.
14. Marburger, D., Conley, S.P., Esker, P., MacGuidwin, A., and Smith, D.L. 2014. Relationship between *Fusarium virguliforme* and *Heterodera glycines* in commercial soybean (*Glycine max*) Fields in Wisconsin. *Plant Health Progress* doi: 10.1094/PHP-RS-13-0107.
15. Rioux, R.A., Shultz, J., Garcia, M., Willis, D.K., Casler, M., Bonos, S., Smith, D.L., Kerns, J.P. 2014. *Sclerotinia homoeocarpa* overwinters in turfgrass and is present in commercial seed. *PLOS ONE* 9(10):e110897.
16. Smith, D.L. and Walker, N.R. 2013. Fungicide management of brown patch of tall turf-type fescue in the residential landscape in Oklahoma. *Online. Plant Health Progress* doi:10.1094/PHP-2013-1022-01-RS.
17. Smith, D.L. Fritz, C. Watson, Q. Willis, D.K. German, T.L. Phibbs, A., Mueller, D., Dittman, D., Saalau-Rojas, E., Whitham, S.A. 2013. First Report of Soybean Vein Necrosis Disease Caused by *Soybean vein necrosis-associated virus* in Wisconsin and Iowa. *Plant Dis.* 97:693.
18. Abd-Elmagid, A., Garrido, P.A., Hunger, R., Lyles, J.L., Mansfield, M.A., Gugino, B.K., Smith, D.L., Melouk, H.A., Garzon, C.D. 2013. Discriminatory simplex and multiplex PCR for four species of the genus *Sclerotinia*. *Journal of Microbiological Methods* doi: 10.1016/j.mimet.2012.12.020.
19. Kennelly, M., O'Mara, J., Rivard, C., Miller, G.L., and Smith, D.L. 2012. Introduction to abiotic disorders in plants. *The Plant Health Instructor*. DOI: 10.1094/PHI-I-2012-10-29-01.
20. Payne, A.F. and Smith, D.L. 2012. Development and evaluation of two pecan scab prediction models. *Plant Dis.* 96:117-123.
21. Damicone, J.D., Holbrook, C.C., Smith, D.L., Melouk, H.A., and Chenault, K.D. 2010. Reaction of the core collection of peanut germplasm to *Sclerotinia* blight and pepper spot. *Peanut Sci.* 37:1-11.
22. Smith, D.L., Dominiak-Olson, J., Sharber, C.D. 2009. First Report of Pierce's disease of grape caused by *Xylella fastidiosa* in Oklahoma. *Plant Dis.* 93:762.
23. Walker, N.R., Marek, S.M., and Smith, D.L. 2009. Fungal biodiversity in bermudagrass (*Cynodon dactylon* x *Transvaalensis*) inoculated with *Ophiosphaerella herpotricha* or *Gaeumannomyces graminis* var. *graminis*. *Internat. J. Turfgrass Res.* 11:283-292.
24. Smith, D.L., Garrison, M.C., Hollowell, J.E., Isleib, T.G., and Shew, B.B. 2008. Evaluation of application timing and efficacy of the fungicides fluazinam and boscalid for control of *Sclerotinia* blight of peanut. *Crop Prot.* 27:823-833.
25. Smith, D.L., Hollowell, J.E., Isleib, T.G., and Shew, B.B. 2007. A Site-specific, Weather-based Disease Regression Model for *Sclerotinia* blight of Peanut. *Plant Dis.* 91:1436-1444.
26. Smith, D.L., Hollowell, J.E., Isleib, T.G., and Shew, B.B. 2006. Analysis of factors that influence the epidemiology of *Sclerotinia minor* on peanut. *Plant Dis.* 90:1425-1432.
27. Isleib, T.G., Rice, P.W., Mazingo, R.W., Copeland, S.C., Graeber, J.B., Shew, B.B., Smith, D.L., Melouk, H., and Stalker, H.T. 2006. Registration of N96076L peanut germplasm. *Crop Sci.* 46:2329-2330.

## **REFEREED TECHNICAL PUBLICATIONS (Total of 48)**

1. Mueller, B., Smith, D.L., Bloomingdale, C., and Chapman, S. 2016. Evaluation of fungicides for control of foliar diseases of alfalfa in Wisconsin, 2015. PDMR. 10:CF025.
2. Mueller, B., Smith, D.L., and Chapman, S. 2016. Evaluation of fungicides for control of diseases of dent corn in Wisconsin, 2015. PDMR. 10:FC053.
3. Mueller, B., Smith, D.L., and Chapman, S. 2016. Evaluation of fungicides for control of brown spot and brown stem rot of soybean in Wisconsin, 2015. PDMR. 10:FC052.
4. Mueller, B., Smith, D.L., Willbur, J., and Chapman, S. 2016. Evaluation of foliar fungicide treatments for control of Sclerotinia stem rot of soybean in Hancock Wisconsin, 2015. PDMR. 10:FC051.
5. Mueller, B., Smith, D.L., Willbur, J., and Chapman, S. 2016. Evaluation of foliar fungicide treatments for control of Sclerotinia stem rot of soybean in Arlington Wisconsin, 2015. PDMR. 10:FC050.
6. Mueller, B., Smith, D.L., and Chapman, S. 2016. Evaluation of fungicides for control of northern corn leaf blight of sweet corn in Wisconsin, 2015. PDMR. 10:V047.
7. Mueller, B., Smith, D.L., Chapman, S., and Bloomingdale, C. 2016. Evaluation of foliar fungicides for control of Fusarium head blight of wheat in Wisconsin, 2015. PDMR. 10:CF024.
8. Smith, D.L., Chapman, S., and Jensen, B. 2015. Evaluation of fungicide seed treatments for control of Aphanomyces root rot of alfalfa in Wisconsin, 2014. PDMR 9:ST002.
9. Smith, D.L., Chapman, S., and Jensen, B. 2015. Evaluation of fungicides for control of foliar diseases of alfalfa in Wisconsin, 2014. PDMR CF025.
10. Smith, D.L., Chapman, S., and Jensen, B. 2015. Evaluation of fungicides for control of diseases of dent corn in Wisconsin, 2014. PDMR FC027.
11. Smith, D.L., and Chapman, S. 2015. Evaluation of fungicides for control of brown spot of soybean in Wisconsin, 2014. PDMR 9FC023.
12. Smith, D.L., Chapman, S., and Conley, S.P. 2015. Evaluation of 'curative' fungicide treatments for control of Sclerotinia stem rot of soybean in Wisconsin, 2014. PDMR 9FC028.
13. Smith, D.L., Chapman, S., and Jensen, B. 2015. Evaluation of foliar fungicides for control of foliar diseases of sweet corn in Wisconsin, 2014. PDMR 9:V005
14. Smith, D.L., Chapman, S., and Conley, S.P. 2015. Evaluation of foliar fungicides for control of diseases of wheat in Wisconsin, 2014. PDMR CF024.
15. Smith, D.L. and Jensen, B. 2014. Evaluation of fungicides for control of brown spot of soybean in Wisconsin, 2013. PDMR 8:FC179.
16. Smith, D.L., Jensen, B., and Conley, S.P. 2014. Evaluation of fungicides for control of Sclerotinia stem rot of soybean in Wisconsin, 2013. PDMR 8:FC184.
17. Smith, D.L. and Jensen, B. 2014. Evaluation of fungicides for control of foliar diseases of dent corn in Wisconsin, 2013. PDMR 8:FC169.
18. Smith, D.L. and Jensen, B. 2014. Evaluation of fungicides for control of leaf diseases of sweet corn in Wisconsin, 2013. PDMR 8:V228.
19. Smith, D.L. and Jensen, B. 2014. Evaluation of fungicides for control of foliar diseases of alfalfa in Wisconsin, 2013. PDMR 8:CF030.

20. Smith, D.L. and Conley, S.P. 2014. Evaluation of fungicides for control of diseases of wheat in Wisconsin, 2013. PDMR 8:CF031.
21. Smith, D.L. Lyles, J.L., and Payne, A.F. 2012. Evaluation of reduced-risk and organic fungicide programs for control of black rot of grape in Oklahoma, 2011. PDMR 6:SMF012.
22. Smith, D.L. and Walker, N.R. 2012. Evaluation of fungicide, application timing, and foliage wetness on control of brown patch of tall fescue in Oklahoma, 2011. PDMR 6:T003.
23. Smith, D.L. and Walker, N.R. 2012. Evaluation of fungicides for the management of dollar spot of creeping bentgrass in Oklahoma, 2011. PDMR 6:T004.
24. Walker, N.R. and Smith, D.L. 2012. Evaluation of multiguard protect EC for suppression of nematodes in putting greens in Oklahoma, 2011. PDMR 6:T017.
25. Walker, N.R. and Smith, D.L. 2012. Evaluation of macrocyclic lactones for suppression of nematodes infesting putting greens in Oklahoma, 2011. PDMR 6:T018.
26. Smith, D.L. Payne, A.F., and Moore, J.W. 2011. Evaluation of conventional fungicide programs and new fungicide formulations for control of pecan scab in Oklahoma, 2010. PDMR 5:STF007.
27. Smith, D.L. and Walker, N.R. 2011. Evaluation of fungicides for the control of large patch of Zoysiagrass in Oklahoma, 2009-2010. PDMR 5:T026.
28. Smith, D.L. and Walker, N.R. 2011. Evaluation of consumer and commercial fungicides for control of brown patch of tall fescue in Oklahoma, 2010. PDMR 5:T027.
29. Smith, D.L. and Walker, N.R. 2011. Evaluation of fungicide programs for management of dollar spot and brown patch of creeping bentgrass, 2010. PDMR 5:T028.
30. Walker, N.R., Marek, S.M., Wu, Y., Mitchell, T.K., and Smith, D.L. 2010. Infection and colonization of bermudagrass by *Ophiosphaerella herpotricha*, a causal agent of spring dead spot. USGA-TERO <http://usgatero.msu.edu/v09/n23.pdf>
31. Smith, D.L. 2010. Evaluation of organic and conventional fungicide programs for the control of black rot of grape in Oklahoma, 2009. PDMR 4:SMF005.
32. Smith, D.L. Payne, A.F., and Moore, J.W. 2010. Evaluation of conventional fungicide programs for the control of pecan scab in Oklahoma, 2009. PDMR 4:STF010.
33. Smith, D.L. and Walker, N.R. 2010. Evaluation of fungicide for control of large patch of Zoysiagrass in Oklahoma, 2009. PDMR 4:T032.
34. Smith, D.L. and Walker, N.R. 2010. Evaluation of fungicide for control of brown patch of tall fescue in Oklahoma, 2009. PDMR 4:T033.
35. Smith, D.L. and Walker, N.R. 2010. Evaluation of fungicide programs for management of dollar spot and brown patch of creeping bentgrass, 2009. PDMR 4:T034.
36. Smith, D.L. and Walker, N.R. 2009. Evaluation of fungicide programs for management of dollar spot and brown patch of creeping bentgrass, 2008. PDMR 3:T025.
37. Smith, D.L. and Walker, N.R. 2009. Effects of DMI fungicides and Primo MAXX on 'U-3', 'Riviera', and 'Tifway 419' bermudagrass, 2008. PDMR 3:T024.

38. Smith, D.L. and Walker, N.R. 2009. Evaluation of fungicides for brown patch control in tall fescue/Kentucky bluegrass residential lawns, 2008. PDMR 3:TO26.
39. Smith, D.L. 2009. Evaluation of fungicides for control of black rot of grape in Oklahoma, 2008. PDMR 3:SMF024.
40. Shew, B.B., Hollowell, J.E., and Smith, D.L. 2008. Evaluation of foliar fungicides for the control of peanut diseases in North Carolina, 2007. PDMR 2:FC077.
41. Shew, B.B., Hollowell, J.E., and Smith, D.L. 2008. Evaluation of LEM-17 for the control of peanut diseases in North Carolina, 2007. PDMR 2:FC076.
42. Shew, B.B., Hollowell, J.E., and Smith, D.L. 2008. Evaluation of Topguard, V-10116, and Headline for the control of peanut diseases in North Carolina, 2007. PDMR 2:FC075.
43. Smith, D.L., Hollowell, J.E., Shew, B.B., and Cochran, A. 2007. Application time and sequence of fungicide treatments for controlling Sclerotinia blight of peanut, 2006. PDMR 1:FC066.
44. Smith, D.L., Hollowell, J.E., Shew, B.B., and Cochran, A. 2006. Application time and sequence of fungicide treatments for controlling Sclerotinia blight of peanut, 2005. F&N Tests 61:FC018.
45. Shew, B.B., Hollowell, J.E., and Smith, D.L. 2006. Evaluation of foliar fungicides for the control of peanut disease in North Carolina, 2005. F&N Tests 61:FC011.
46. Smith, D.L., Hollowell, J.E., Shew, B.B., and Cochran, A. 2005. Evaluation of alternating fungicide treatments for controlling Sclerotinia blight of peanut, 2004. F&N Tests 60: FC096.
47. Shew, B.B., Hollowell, J.E., Smith, D.L. 2005. Evaluation of foliar fungicides for the control of peanut diseases in North Carolina, 2004. F&N Tests 60: FC107.
48. Smith, D.L., Shew, B.B., and Hollowell, J.E. 2004. Evaluation of two fungicides for control of Sclerotinia blight of peanut, 2003. F&N Tests 59: FC031.

#### **BOOKS EDITED AND AUTHORED (Total of 2)**

A Farmer's Guide to Soybean Diseases. 2016. Daren Mueller, Kiersten Wise, Adam Sisson, Damon Smith, Edward Sikora, Carl Bradley, and Alison Robertson (eds.). APS Press, St. Paul, MN. 155 pgs.

A Farmer's Guide to Corn Diseases. 2016. Kiersten Wise, Daren Mueller, Adam Sisson, Damon Smith, Carl Bradley, and Alison Robertson (eds.). APS Press, St. Paul, MN. 160 pgs.

#### **TECHNICAL MANUAL CHAPTERS (Total of 1)**

Smith, D.L. and S. von Broembsen. 2010. Disease management. p. 103-115, 121-134. In: E.T. Stafne (ed.). Handbook of Oklahoma Vineyard Establishment and Management. Oklahoma Cooperative Extension Service Circular E-1015.

#### **TEACHING**

University of Wisconsin-Madison, Department of Plant Pathology

Instructor-PP 875, Applied Experimental Design and Data Analysis, Fall 2016

- Conducted a weekly lecture and hands-on statistics exercises

- All exercises and lessons were based on Generalized Linear Mixed Models (GLMM) theory and based in the SAS software package
  - Supervised one teaching assistant
  - Student evaluation scores of the instructor: 4.74 out of 5.00
- Instructor-PP 923, Plant Pathology Seminar, Fall 2015-Spring 2016
- Oversaw and arranged seminar presentation of research in Plant Pathology
- Guest Lecturer-SC\_PPAT 74 Plant Diseases, Spring 2016
- One lecture on corn diseases and their management
- Guest Lecturer-PP 875 Plant Viruses, Fall 2015
- One lecture on *Soybean vein necrosis virus* epidemiology
- Guest Lecturer-PP 559 Diseases of Economic Plants, Summers 2013 & 2015
- Led two field trips to observe and discuss disease management in field crops
  - One lecture on IPM in field crops
- Guest Lecturer-PP 558 Biology of Plant Pathogens, Spring 2013
- One lecture on chemical control in agroecosystems
- Invited Lecturer-PP 375/875 Turfgrass Pathology, Fall 2009
- One lecture on turfgrass diseases of the U.S. transition zone

Oklahoma State University, Department of Entomology and Plant Pathology

Guest Lecturer-PLP 3663 Turfgrass Integrated Pest Management, Spring 2009 and 2011

- One lecture on solving turfgrass disease problems
- Guest Lecturer-PLP 5560 Plant Disease Epidemiology, Fall 2009
- One lecture on crop loss assessment and modeling yield loss
- Guest Lecturer-PLP 3343 Principles of Plant Pathology, Fall semester 2008-2011
- One lecture on plant disease epidemiology (Fall 2010 and 2011)
  - One lecture on plant disease forecasting (Fall 2008 and 2009)
  - Two laboratory sessions that complemented the disease forecasting lectures

Oklahoma State University, Department of Horticulture

Guest Lecturer-HORT 3084 Plant Propagation, Spring 2009 - 2012

- One lecture on plant diseases of propagated ornamentals
- One laboratory session demonstrating modes of virus transmission in propagated plant material

Oklahoma State University – Oklahoma City, Department of Horticulture Technology

Guest Lecturer-Turfgrass Management, Spring 2009 - 2011

- One lecture on turf diseases and management
- One tour of Noble Research Center

North Carolina State University, Department of Plant Pathology

Graduate Mentor-NCSU undergraduate research, 2004 – 2007

- Directed an undergraduate student on a research project and presentation for NCSU's Undergraduate Research Symposium
- Supervised several undergraduate research assistants in the field and laboratory

Teaching Assistant – PP 575 Epidemiology and Plant Disease Control, Spring 2006

- Assisted instructors in development of class notes and weekly outlines with literature citations
- Developed epidemiological training tools in Excel displaying types of transformations with accompanying regressions
- Responsible for teaching one lecture on plant disease forecasting
- Assisted in exam review sessions
- Student evaluation scores of the instructor: 4.43 out of 5.00

Teaching Assistant – PP 318 Forest Pathology, Spring 2003 and 2005

*Undergraduate level course with three lab sections*

- Responsible for lab setup, preparation of materials; assisted with lecture and lab sections
- Graded weekly quizzes and assisted in grading exams
- Diagnosed diseased plant samples in student collections
- Responsible for teaching one lab section
- Student evaluation scores of the instructor: 4.57 (2003) and 4.60 (2005) out of 5.00

State University of New York, College at Geneseo, Department of Biology

Teaching Assistant – Plant Physiology, Spring 2001

*Undergraduate level course with two lab sections*

- Responsible for lab setup, preparation of materials and assisted with lecture
- Prepared and taught all lab sections

**EXTENSION SHORTCOURSES**

Oklahoma State University, Oklahoma Cooperative Extension Service

Instructor- Fundamentals of Pecan Management, Spring 2008-2012 (9 classes each year)

- Responsible for lectures on pathogens and diseases of pecans at each monthly meeting
- Responsible for demonstrating techniques for pecan disease management

Instructor - Fundamentals of Grape Management, Spring 2008-2012 (8 classes each year)

- Responsible for lectures on pathogens and diseases of grapes at each monthly meetings
- Responsible for demonstrating techniques for grape disease management

Instructor- Master Gardener Training, 2008 (9 classes), 2009 (10 classes), 2010 (13 classes), 2011 (14 classes), 2012 (4 classes)

- Responsible for teaching 2 – 4 hour lectures pertaining to pathogens and diseases affecting ornamentals, turf, and other horticultural crops in Oklahoma and the strategies used to control them

**STUDENT ADVISING AND GRADUATE COMMITTEE SERVICE**

Graduate Students Advised

1. Jaime Willbur, Ph.D., Department of Plant Pathology, University of Wisconsin

- (Fall 2013 – Present)
- Major Professor: Damon Smith
  - Conducts research on the development of *Sclerotinia* stem rot resistant soybean breeding lines and disease forecasting systems for *Sclerotinia* stem rot of soybean
2. Megan McCaghey, Ph.D., Department of Plant Pathology, University of Wisconsin (Fall 2015 – Present)
    - Major Professor: Damon Smith
    - Conducts research on breeding for *Sclerotinia* stem rot resistance in soybean
  3. Cristina Zambrana-Echevarria, Ph.D., Department of Plant Pathology, University of Wisconsin (Spring 2017 – Present)
    - Major Professor: Damon Smith
    - Conducts research on virus biology and epidemiology in soybean
  4. Brian Mueller, M.S., Department of Plant Pathology, University of Wisconsin (Fall 2015 – Present)
    - Major Professor: Damon Smith
    - Conducts research on the epidemiology and management of wheat diseases in the north central region
  5. Chris Bloomingdale, M.S., Department of Entomology, University of Wisconsin (Summer 2013 – Winter 2015)
    - Major Professor: Damon Smith
    - Monitoring thrips (Thysanoptera) dispersal in Wisconsin soybean and investigating Soybean vein necrosis virus, a new pathogen in soybean – M.S. Thesis
  6. Andrea Payne, M.S., Department of Entomology and Plant Pathology, Oklahoma State University (Spring 2009 – May 2011)
    - Major Professor: Damon Smith
    - Evaluation of pecan scab disease management strategies to improve orchard production and reduce pesticide inputs – M.S. Thesis
    - 2011 OSU Phoenix Award for Outstanding Master’s Student
    - 2011 OSU Women’s Faculty Council Excellence and Student Award

#### Undergraduate Students Mentored

1. Kelsey Azzolino, Department of Plant Pathology, University of Wisconsin (Fall 2016-Present)
  - Major Professor: Damon Smith
  - Conducted research on colonization of soybean by *Sclerotinia sclerotiorum*
2. Danielle Holtz, Department of Plant Pathology, University of Wisconsin (Fall 2016-Present)
  - Major Professor: Damon Smith
  - Conducted research on *Fusarium graminearum* isolate diversity in wheat fields in Wisconsin
3. Jake Kurczewski, Department of Plant Pathology, University of Wisconsin (Fall 2016-Present)
  - Major Professor: Damon Smith



- Conducted research on the resistance mechanisms for *Sclerotinia sclerotiorum* in soybean
- 4. Maria Weber, Department of Plant Pathology, University of Wisconsin (Fall 2014-Present)
  - Major Professor: Damon Smith
  - Conducted research on the epidemiology of Sclerotinia stem rot of soybean
- 5. Hannah Lucas, Department of Plant Pathology, University of Wisconsin (Fall 2014-Spring 2016)
  - Major Professor: Damon Smith
  - Conducted research on the epidemiology of Sclerotinia stem rot of soybean
- 6. Jourdan Blackwell, Department of Plant Pathology, University of Wisconsin (Fall 2014-Summer 2016)
  - Major Professor: Damon Smith
  - Conducted research on *Sclerotinia trifoliorum* isolate mycelial compatibility groups (MCGs)
- 7. Quinn Watson, Department of Plant Pathology, University of Wisconsin (Fall 2012-Spring 2014)
  - Major Professor: Damon Smith
  - Conducted research on the effect of sulfur on Aphanomyces root rot of alfalfa
  - 2013 Hildale Undergraduate Scholar
- 8. Justin Lyles, Department of Entomology and Plant Pathology, Oklahoma State University (Spring 2010 – Fall 2012)
  - Major Professor: Damon Smith
  - Conducted research on the epidemiology of *Sclerotinia homoeocarpa* on creeping bentgrass
  - 2011 OSU Wentz Research Scholar Award
- 9. Jillian Prather, Department of Entomology and Plant Pathology, Oklahoma State University (Fall 2011 – Summer 2012)
  - Major Professor: Damon Smith
  - Conducted research on the epidemiology of *Guignardia bidwellii* on grapes

#### Graduate Committee Service

1. Michelle Marks, Ph.D., Department of Plant Pathology, University of Wisconsin (Fall 2014-Present)
2. Sachin Jain, Ph.D., Department of Plant Pathology, University of Wisconsin (Spring 2014-Present)
3. Kanan Kutsuwa, Ph.D., Department of Plant Pathology, University of Wisconsin (Fall 2015-Present)
4. Ron Townsend, M.S., Department of Plant Pathology, University of Wisconsin (Fall 2015-Present)
5. David Marburger, Ph.D., Department of Agronomy, University of Wisconsin (Fall 2013-Spring 2016)
6. Lindsay Wells, Ph.D., Department of Plant Pathology, University of Wisconsin (Fall 2013-Spring 2016)

7. Alex Bilgri, M.S., Department of Plant Pathology, University of Wisconsin (Spring 2014-Fall 2015)
8. Breann Bender, M.S., Department of Plant Pathology, University of Wisconsin (Fall 2013-Fall 2015)
9. Renee Rioux, Ph.D., Department of Plant Pathology, University of Wisconsin (Fall 2012 – Spring 2014)
10. Andrea Payne, Ph.D., Department of Entomology and Plant Pathology, Oklahoma State University (Summer 2011 – Present)
11. Lisa Overall, Ph.D., Department of Entomology and Plant Pathology, Oklahoma State University (Summer 2008 – Fall 2012)
12. Will Chaney, M.S., Department of Horticulture and Landscape Architecture, Oklahoma State University (Summer 2008 – Fall 2012)
13. Francisco Flores, M.S., Department of Entomology and Plant Pathology, Oklahoma State University (Spring 2009 – Fall 2010)

### **COLLABORATIVE, MULTI-STATE PROJECTS AND WORKING GROUPS**

#### University of Wisconsin

1. Crop Protection Network (CPN), Founding member of a network of extension grain specialists developing researched-based, outreach materials (Spring 2015-Present)
2. Multistate Research Project, NCERA137, Soybean Diseases (Fall 2014 – Present)
3. **Multistate Research Project, NCERA184, Management of Small Grains Diseases (Fall 2012 – Present)**
4. Midwest Weather Working Group, Sponsored by the North Central IPM Center (Fall 2010 – Present)
5. Multistate Research Project, NCERA212, Soybean Diseases (Fall 2012 – Fall 2014)
6. Multistate Research Project, NCERA208, Response to Emerging Threat: Soybean Rust (Fall 2012 – Fall 2014)

#### Oklahoma State University

1. NCCC TEMP214: Biology, Etiology, and Management of Dollar Spot of Turfgrasses
2. Pecan Integrated Pest Management Pest Information Platform for Extension and Education (Fall 2009 – Fall 2012)
3. Oklahoma State University, Turfgrass Development and Management TIP Team (Spring 2008 – Fall 2012)
4. Oklahoma State University, Commercial Horticulture TIP Team (Spring 2008 - Fall 2012)

### **EXTENSION, OUTREACH, AND GENERAL PRESS PUBLICATIONS (total of 298)**

- Smith, D.L.**, Broeske, M., Arriaga, F.J., Jensen, B.M., Laboski, C., Lauer, J.G., Luck, B.D., and Smith, D.L. 2017. A4137 – Grain management considerations in low-margin years. UW Extension - Cooperative Extension Service. University of Wisconsin.
- Smith, D.L.** 2017. New resource available for grain production in low-margin years. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – January 17.
- Marburger, D., **Smith, D.L.**, and Conley, S.P. 2016. Don't delay soybean planting to manage sudden death syndrome (SDS): Yield loss can result. UW Extension - Cooperative Extension Service. University of Wisconsin.

- Bradley, C., Chilvers, M., Freije, A., Giesler, L., Mueller, D., Sikora, E., Sisson, A., **Smith, D.L.**, Tenuta, A., and Wise, K. 2016. Fact Sheet: CPN1017 – Frogeye leaf Spot. Crop Protection Network.
- Mueller, D., Bradley, C., Chilvers, M., Freije, A., Giesler, Sisson, A., **Smith, D.L.**, Tenuta, A., and Wise, K. 2016. Fact Sheet: CPN1011 – Sudden Death Syndrome. Crop Protection Network.
- Mueller, D., Bradley, C., Chilvers, M., Freije, A., Giesler, Sisson, A., **Smith, D.L.**, Tenuta, A., and Wise, K. 2016. Fact Sheet: CPN1012 – Scouting for Sudden Death Syndrome: Scouting Card. Crop Protection Network.
- Wise, K., Mueller, D., Johnson, B., Legleiter, T., Bradley, C., Chilvers, M., Freije, A., Giesler, Sisson, A., **Smith, D.L.**, Tenuta, A. 2016. Fact Sheet: CPN1013 – Using iLeVO with preemergence herbicides. Crop Protection Network.
- Wise, K., Mueller, D., Bradley, C., Chilvers, M., Freije, A., Giesler, Sisson, A., **Smith, D.L.**, Tenuta, A. 2016. Fact Sheet: CPN1015 – Soybean stem zone lines: Fact and fiction. Crop Protection Network.
- Wise, K., Mueller, D., Bradley, C., Chilvers, M., Freije, A., Giesler, Sisson, A., **Smith, D.L.**, Tenuta, A. 2016. Fact Sheet: CPN1016 – Soybean seed treatments: Questions that emerge when plants don't. Crop Protection Network.
- Wise, K., Allen, T., Chilvers, M., Faske, T., Freije, A., Isakeit, T., Mueller, D., Price, T., Sisson, A., **Smith, D.L.**, Tenuta, A., and Woloshuk, C. 2016. CPN-2001 – Ear rots. Crop Protection Network.
- Allen, T., Chilvers, M., Faske, T., Freije, A., Isakeit, T., Mueller, D., Price, T., Sisson, A., **Smith, D.L.**, Tenuta, A., Wise, K., and Woloshuk, C. 2016. CPN-2002 – Mycotoxin FAQs. Crop Protection Network.
- Woloshuk, C., Allen, T., Chilvers, M., Faske, T., Freije, A., Isakeit, T., Mueller, D., Price, T., **Smith, D.L.**, Tenuta, A., and Wise, K. 2016. CPN-2003 – Grain sampling and mycotoxin testing. Crop Protection Network.
- Faske, T., Allen, T., Chilvers, M., Freije, A., Isakeit, T., Mueller, D., Price, T., **Smith, D.L.**, Tenuta, A., Wise, K., and Woloshuk, C. 2016. CPN-2004 – Storing mycotoxin-affected grain. Crop Protection Network.
- Isakeit, T., Allen, T., Chilvers, M., Faske, T., Freije, A., Mueller, D., Price, T., **Smith, D.L.**, Tenuta, A., Wise, K., and Woloshuk, C. 2016. CPN-2005 – Using atoxigenics to manage aflatoxin. Crop Protection Network.
- Allen, T., Bergstrom, G., Bradley, C., Byamukama, E., Chilvers, M., Collins, A., Damicone, J., DuFault, Nicholas, Faske, T., Friskop, A., Hollier, C., Isakeit, T., Kelly, H., Kleczewski, N., Malvick, D., Mehl, H., Mueller, D., Freije, A., Paul, P., Sisson, A., **Smith, D.L.**, Wise, K. 2016. CPN-2008 – Bacterial Leaf Streak. Crop Protection Network.
- Bradley, C., Chilvers, M., Giesler, Mueller, D., Sisson, A., **Smith, D.L.**, Tenuta, A., Wise, K. 2016. Fact Sheet: CPN4001 – Fungicide resistance in field crops FAQs. Crop Protection Network.
- Johnson, Legleiter, T. Chilvers, M., Conley, S., Dorrance, A., Freije, A., Friskop, A., Giesler, L., Hartzler, B., Jardine, D., Knezevic, S., Krupke, C., Loux, M., Mueller, D., Owen, M., Robertson, A., Sisson, A., **Smith, D.L.**, Tenuta, A., and Wise, K. 2016. CPN4002 – Cover crops dos and don't's. Crop Protection Network.

- Jensen, B., Nice, G., Renz, M., and **Smith, D.L.** 2016. A3646 – Pest Management in Wisconsin Field Crops. UW Extension - Cooperative Extension Service. University of Wisconsin.
- Conley, S., Roth, A., Gaska, J., and **Smith, D.** 2016. A3868 - Wisconsin Winter Wheat Performance Tests. UW Extension - Cooperative Extension Service. University of Wisconsin.
- Smith, D.L.** 2016. 2016 Wisconsin field crops pathology fungicide tests summary. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – December 29.
- Smith, D.L.** 2016. 2016 Wisconsin pest management update tour slides now live! Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – November 11.
- Smith, D.L.** 2016. Corn stalk rots and ear rots: A double whammy for Wisconsin Corn Farmers. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – October 3.
- Smith, D.L.** 2016. Phomopsis seed decay – An increasing issue for delayed soybean harvest in Wisconsin. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – October 3.
- Smith, D.L.** and Mitchell, P. 2016. Wet Wisconsin: Moldy corn and crop insurance. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – September 28.
- Mueller, B., **Smith, D.L.**, and Conley, S.P. 2016. Start managing stripe rust of winter wheat in 2017 at planting. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – September 8.
- Smith, D.L.** 2016. Wisconsin late-season corn disease update. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – September 7.
- Smith, D.L.** 2016. 2016 UW Extension pest management update meeting series. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – September 7.
- Smith, D.L.** 2016. Wisconsin corn southern rust update – August 26, 2016. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – August 26.
- Conley, S.P. and **Smith, D.L.** 2016. Start managing for Fusarium head blight now before you plant the 2016/17 crop. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – August 25.
- Smith, D.L.** 2016. Question of the week: What is up with all of this white mold on soybeans? Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – August 24.
- Conley, S.P. and **Smith, D.L.** 2016. Top 8 recommendations for winter wheat establishment in 2016. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – August 25.
- Smith, D.L.** and Conley, S.P. 2016. Research results: Don't delay soybean planting to manage SDS. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – August 11.
- Smith, D.L.** 2016. Wisconsin crop disease update, no rust, some white mold. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – August 11.
- Smith, D.L.** and Willbur, J. 2016. Wisconsin white mold risk map – July 27, 2016. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – July 27.
- Smith, D.L.** 2016. Wisconsin corn disease update – July 27, 2016. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – July 27.

- Smith, D.L.** 2016. Corn rusts in Wisconsin. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – July 25.
- Smith, D.L.** and Willbur, J. 2016. Wisconsin white mold risk map – July 22, 2016. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – July 22.
- Smith, D.L.** and Willbur, J. 2016. Wisconsin white mold risk map – July 15, 2016. Wisconsin Field Crops Pathology Blog/Wisconsin Crop Manager – July 15.
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### **PUBLISHED ABSTRACTS (total of 56)**

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#### **INVITED PRESENTATIONS (total of 20)**

- Using new research results to improve the integrated management of *Sclerotinia* stem rot of soybean. 2016. Guest Seminar Speaker. Iowa State University. Ames, IA.
- Development of improved strategies for managing *Sclerotinia* stem rot of soybean. 2016. Guest Seminar Speaker. South Dakota State University. Brookings, SD.
- Integrated Management of White Mold in Soybean. 2015. Invited Speaker. Iowa Integrated Crop Management Conference. Ames, IA.
- Soybean Vein Necrosis Disease: 2015 Update. 2015. Annual Meeting of NCERA 137: Soybean Diseases Working Group (formerly NCERA 212). Washington, D.C.
- Fungicides on Alfalfa. 2015. Invited Speaker. Illinois Forage Institute. Freeport, IL.
- Managing White Mold in Soybeans. 2015. Invited Speaker. Learnard Seed – Top Grower Seminar. Covington, IN.
- The Diverse World of Soybean Disease Management. 2014. Guest Seminar Speaker. Purdue University. West Lafayette, IN.
- Integrated Management of White Mold of Soybean. 2014. Invited Speaker. Illinois AgMasters Conference. Urbana-Champaign, IL.
- Soybean Vein Necrosis Disease Presentation and Platform Discussion. 2014. Annual Meeting of NCERA 212: Soybean Diseases Working Group. Pensacola Beach, FL.
- Validation of a new dollar spot prediction model. 2012. Annual American Phytopathological Society Meeting Workshop, Reaching out: Sharing Innovative Approaches for Identification and Control of Turfgrass Diseases. Providence, RI.

Turf, grapes, and pecans, oh my: Horticulture pathology research and extension at Oklahoma State University. 2011. University of Wisconsin, Department of Plant Pathology seminar series. Madison, WI.

Managing diseases in the landscape. 2010. Annual Meeting of the Western Nursery and Landscape Association. Overland Park, KS.

Real-time disease prediction and forecasting for the management of pecan scab. 2010. Southeastern Pecan Growers Association meeting. Destin, FL.

Real-time prediction and forecasting of diseases of horticultural commodities. 2010. Annual Midwest Weather Working Group Meeting. Charlotte, NC.

Using fungicides in the lawn and landscape: Helpful hints to maximize their efficiency. December 2009. 59<sup>th</sup> Annual Kansas Turfgrass Conference. Topeka, KS.

Mitigating storm damage of trees. December 2009. 59<sup>th</sup> Annual Kansas Turfgrass Conference. Topeka, KS.

Managing diseases in lawns and landscapes. December 2009. 59<sup>th</sup> Annual Kansas Turfgrass Conference. Topeka, KS.

Weather-based prediction of diseases of horticulture commodities in Oklahoma. October 2009. 2009 Annual Midwest Weather Working Group Meeting. Indianapolis, IN.

A weather-based, site-specific disease prediction model for Sclerotinia blight epidemics on peanut. March 2006. 2006 Annual Meeting of the Plant Pathology Society of North Carolina. Raleigh, NC.

A weather-based, site-specific disease prediction model for Sclerotinia blight epidemics on peanut. 2005. 13<sup>th</sup> International Sclerotinia Workshop. Monterey, CA.

#### **ORAL SCIENTIFIC PRESENTATIONS (total of 20)**

Wisconsin Soybean Disease Research: Mold and Virus Galore. 2015 Fall Plant Pathology Seminar Series. November 3, 2015. Madison, WI.

Validation of a logistic regression model for prediction of dollar spot of amenity turfgrasses. United States Golf Association Grant Update. 2012. Stillwater, OK.

Validation of a logistic regression model for prediction of dollar spot of amenity turfgrasses. United States Golf Association Grant Update. 2011. Stillwater, OK.

Validation of a logistic regression model for prediction of dollar spot of amenity turfgrasses. NCDC220 Working group Meeting. 2011. San Antonio, TX.

Performance of daconil action for curative and preventative control of dollar spot and brown patch on creeping bentgrass putting greens in Oklahoma. Syngenta Contract Update. 2011. Honolulu, HI.

Field validation and *in vitro* confirmation of temperature and relative humidity variables used to predict fungicide application for the control of dollar spot of creeping bentgrass. 2011. Annual Meeting of the Southern Division of the American Phytopathological Society. Corpus Christi, TX.

Using a logistic regression model to advise fungicide sprays for the control of dollar spot of creeping bentgrass putting greens. 2010. Annual Meeting of the Agronomy Society of America. Long Beach, CA.

Using weather variables to predict the probability of dollar spot development. 2010. Annual Meeting of the American Phytopathological Society. Charlotte, NC.

Logistic regression modeling of dollar spot epidemics using weather variables as inputs. 2009. Annual Meeting of the American Phytopathological Society. Portland, OR.

Biological and epidemiological research of *Cladosporium caryigenum* on pecan. 2009. National Pecan Research and Extension Scientists Meeting. Ardmore, OK.

Presence of *Xylella fastidiosa* in Oklahoma. 2008. Annual Meeting of the Southern Division of the American Phytopathological Society. Dallas, TX.

PCR-based detection of *Sclerotinia minor*. 2007. Annual Meeting of the American Phytopathological Society. San Diego, CA.

A weather-based, site-specific disease prediction model for Sclerotinia blight epidemics of peanut. 2006. Annual Meeting of the American Phytopathological Society. Quebec City, Quebec, Canada.

Evaluation of alternating application and protective properties of the fungicides fluazinam and boscalid for control of Sclerotinia blight in North Carolina. 2005. Annual Meeting of the American Peanut Research and Education Society – Graduate Student Competition. Portsmouth, VA.

Using modeled weather for predicting Sclerotinia blight of peanut. 2005. Annual Meeting of the Southern Division of the American Phytopathological Society. Little Rock, AR.

Predicting incidence of Sclerotinia blight in North Carolina from modeled weather data. 2004. Annual Meeting of the American Peanut Research and Education Society – Graduate Student Competition. San Antonio, TX.

Identification of factors that influence the epidemiology of Sclerotinia blight of peanut (*Arachis hypogaea*). 2003. North Carolina State University, Department of Plant Pathology Master’s Symposium. Raleigh, NC.

Environmental influences on the epidemiology of Sclerotinia blight of peanut (*Arachis hypogaea*). 2003. Annual Meeting of the American Phytopathological Society. Charlotte, NC.

Identification of factors that influence the epidemiology of Sclerotinia blight of peanut (*Arachis hypogaea*). 2003. Annual Meeting of the American Peanut Research and Education Society – Graduate Student Competition. Clearwater Beach, FL.

Biology and epidemiology of *Sclerotinia minor* on peanut (*Arachis hypogaea*). 2002. North Carolina State University, Department of Plant Pathology Master’s Symposium. Raleigh, NC.

#### **POSTER PRESENTATIONS (total of 18)**

Cutting duration influences odds of positive return on investment when applying fungicides to reduced-lignin alfalfa. January 2017. 2017 Midwest Forage Association Annual Meeting. Wisconsin Dells, WI.

Effect of foliar fungicides on yield, quality, and disease of alfalfa for dairy production in Wisconsin. August 2014. Annual Meeting of the American Phytopathological Society. Minneapolis, MN.

Development and validation of quantitative polymerase chain reaction protocols for detection of *Soybean vein necrosis virus*. August 2013. Annual Meeting of the American Phytopathological Society. Austin, TX.

A multisite validation of a weather-based fungicide application advisor for the control of dollar spot of creeping bentgrass. August 2012. Annual Meeting of the American Phytopathological Society. Providence, RI.

A weather-based fungicide application advisor for control of black rot of grape in Oklahoma. August 2012. Annual Meeting of the American Phytopathological Society. Providence, RI.

Using weather variables to predict the probability of dollar spot development. August 2010. Annual Meeting of the American Phytopathological Society. Charlotte, NC.

Effects of temperature on growth of *Sclerotinia homoeocarpa*. August 2010. Annual Meeting of the American Phytopathological Society. Charlotte, NC.

Pierce's disease of grape detected in commercial vineyards in Oklahoma. December 2009. 2<sup>nd</sup> National Meeting of the National Plant Diagnostic Network. Miami, FL.

Logistic regression modeling of dollar spot epidemics using weather variables as inputs. November 2009. Annual Meeting of the Agronomy Society of America. Pittsburgh, PA.

Inducing sporulation by the fungus *Cladosporium caryigenum* *in vitro*. August 2009. Annual Meeting of the American Phytopathological Society. Portland, OR.

Multifaceted approach to understanding dollar spot epidemiology. June 2009. 14<sup>th</sup> International Sclerotinia Workshop. Wilmington, NC.

Regression-based modeling of dollar spot epidemics in creeping bentgrass. August 2008. Annual Meeting of the American Phytopathological Society. Minneapolis, MN.

Evaluation of application timing and protective properties of the fungicides fluazinam and boscalid for control of Sclerotinia blight of peanut. August 2006. Annual Meeting of the American Phytopathological Society. Quebec City, Quebec, Canada.

Yield losses associated with Sclerotinia blight caused by *Sclerotinia minor* in peanut. June 2005. 13<sup>th</sup> International Sclerotinia Workshop. Monterey, CA.

Predicting Sclerotinia blight epidemics on peanut in North Carolina. July 2004. Annual Meeting of the Mycological Society of America. Asheville, NC.

Susceptibility of detached peanut (*Arachis hypogaea*) plant parts to *Sclerotinia minor*. August 2003. Annual Meeting of the American Phytopathological Society. Charlotte, NC.

Evaluation of tissue resistance to *Sclerotinia minor* in detached peanut plant parts. February 2002. Annual Meeting of the Plant Pathology Society of North Carolina. Greensboro, NC.

Effect of light quality on the growth of *Brassica rapa* (Fast Plants). April 2001. Undergraduate Science and Math Symposium. Geneseo, NY.

## **EXTENSION PRESENTATIONS, MEETINGS, VIDEOS, AND INTERVIEWS (total of 169)**

### *Oral Presentations*

Corn and Soybean Disease Management. 2017 Corn/Soy Expo. February 2, 2017. Wisconsin Dells, WI.

Plant disease potpourri: SDS, BSR, and Stem Canker, oh my! 2017 Area Soybean Conferences. January 18-20, 2017. Fond Du Lac, Janesville, and Eau Claire, WI.

Managing white mold using weather information and fungicides. 2017 Area Soybean Conferences. January 18-20, 2017. Fond Du Lac, Janesville, and Eau Claire, WI.

Field Crops Diseases. 2017 Fox Valley Technical College Crop Scouting Training. January 3-6, 2017. Appleton, WI.



Sweet corn diseases of 2016 and their management in 2017. 2016 Midwest Food Processors Association Meeting at the 2016 Processing Crops Conference. November 29, 2016. Wisconsin Dells, WI.

Stripe rust: A re-emerging wheat disease in Wisconsin. 2016 Wisconsin Crop Improvement Association Meeting. November 29, 2016. Madison, WI.

'Dane' soybean: The first soybean cultivar release from UW since the 1970s. 2016 Wisconsin Crop Improvement Association Meeting. November 29, 2016. Madison, WI.

Disease Management and diagnostic training. 2016 Wisconsin Pest Management Update Meetings. November 7-11, 2016. Marshfield, Chippewa Falls, Belmont, Fond du Lac, Kimberly, Sparta, and Janesville, WI. (*Total of 7 presentations and trainings*).

Wisconsin Sudden Death Syndrome Data: 2014 and 2016. 2016 FMC data meeting. October 24-28, 2016. Nebo, IL.

Soybean disease management in the upper Midwest. 2016 Channel Seed Minnesota Agronomy Conference. July 12, 2016. Morton, MN.

Corn foliar diseases in 2015: What have we learned? 2016 Sheboygan County Agronomy Conference. February 18, 2016. Random Lake, WI.

Soybean Diseases. 2016 Sheboygan County Agronomy Conference. February 18, 2016. Random Lake, WI.

Alfalfa Fungicide Update. 2016 Waupaca County Forage Council Meeting. February, 11, 2016. Manawa, WI.

Field Corn Disease Management Update. 2016 Winter County Meetings. February 2016. Chippewa, Clark, Pierce, and Buffalo Co., WI.

Corn and soybean diseases of 2015: What have we learned? 2016 Wisconsin Corn/Soy Expo. February 4-5, 2016. Wisconsin Dells, WI.

Wisconsin Field Crops Pathology Program. 2016 UW CALS ARS Annual Meeting. January 28, 2016. West Madison, WI.

Managing Corn and Soybean Diseases in Wisconsin. 2016 Monsanto Area Agronomist Meeting. January 26, 2016. LaCrosse, WI.

Managing Corn Diseases in Wisconsin. 2016 Wisconsin Crop Management Conference. January 13, 2016. Madison, WI.

Field Crops Diseases. 2016 Fox Valley Technical College Crop Scouting Training. January 4-7, 2016. Appleton, WI.

Efficacy and Economics of Using Fungicide on Alfalfa in WI. 2015 Fond du Lac Dairy-Forage Day. December 17, 2015.

An Update On Sweet Corn Diseases. 2015 Wisconsin Processing Crops Conference. Green Bay, W.I. December 1, 2015.

Disease Management and diagnostic training. 2015 Wisconsin Pest Management Update Meetings. November 9-11 & 16-19, 2015. Marshfield, Chippewa Falls, Belmont, Fond du Lac, Kimberly, Sparta, and Janesville, WI. (*Total of 7 presentations and trainings*).

Field Crop Disease Management: Challenges and a Research Case Study. 2015 SASES Agronomy Club Spring Meeting. March 14, 2015. Madison, WI.

Utility and Economics of Fungicide Use on Wisconsin Field Crops. 2015 Grain Production and Marketing Meeting. March 12, 2015. Belmont, WI.

Utility of Fungicides on Wisconsin Field Crops. 2015 IPCM Spring Advisor Meeting. March 6, 2015. Madison, WI.

Important diseases in corn, soybean, and small grains. 2015 UWEX Crop Decisions Webinar Series. March 5, 2015. Madison, WI.

Fungicide use in alfalfa: what four years of research has taught us. 2015 Sheboygan County Forage Association Meeting. February 4, 2015. Waldo, WI.

Utility of fungicides in corn and soybeans. 2015 Wisconsin Corn/Soy Expo. January 29-30, 2015. Wisconsin Dells, WI.

Fungicide use in alfalfa: what four years of research has taught us. 2015 Wisconsin Crop Management Conference. January 13-15 2015. Madison, WI.

Tools for better management of white mold on soybean. 2015 Wisconsin Crop Management Conference. January 13-15 2015. Madison, WI.

Soybean Diseases of 2014: What We Learned for 2015. 2014 Wisconsin Area Soybean Meetings. December 2-4, 2014. Janesville, Ripon, and Eau Claire, WI. (*Total of 3 presentations*).

Scabby seed and blighted leaves: Tips for management of small grains diseases. 2014 Annual Meeting of the Wisconsin Crop Improvement Association. December 2014. Madison, WI.

Disease Management and diagnostic training. 2014 Wisconsin Pest Management Update Meetings. November 10-13 & 17-20, 2014. Marshfield, Chippewa Falls, Belmont, Arlington, Fond du Lac, Kimberly, Sparta, and Janesville, WI. (*Total of 8 presentations*).

Corn and Soybean Disease Management. Disease Diagnostics Training, WinField Solutions. August, 2014. Madison, WI.

Field Crop Disease Management. Disease Diagnostics Training, Ag Research Services of Wisconsin, LLC. April, 2014. Madison, WI.

Efficacy and economics of fungicides on field crops. 2014 Annual Meeting of the Juneau, Adams, and Marquette Corn-Soybean Growers. March ,11 2014. Springville, WI.

Efficacy and economics of fungicides on field crops. 2014 Crops and Soils Health Seminar. February 13, 2014. Monroe, WI.

Latest research update in Wisconsin field crops disease management. 2014 North East Wisconsin Grain Crops Production Clinic. February 10, 2014. Seymour, WI.

Latest research update in Wisconsin field crops disease management. 2014 North East Wisconsin Grain Crops Production Clinic. February 10, 2014. Brillion, WI.

White mold management in 2013: Was it product or timing? 2014 Wisconsin Crop Management Conference. January 14-16, 2014. Madison, WI.

Aphanomyces root rot management in alfalfa. 2014 Wisconsin Crop Management Conference. January 14-16, 2014. Madison, WI.

Disease Management. 2013 Wisconsin Pest Management Update Meetings. November 11-14 & 18-21, 2013. Marshfield, Chippewa Falls, Belmont, Arlington, Fond du Lac, Green Bay, Sparta, and Janesville, WI. (*Total of 8 presentations*).

Understanding fungicides to improve their use and efficacy. 2013 Wisconsin Crop Management Conference. January 15-17, 2013. Madison, WI.

Soybean Disease Considerations for 2013. 2012 Wisconsin Area Soybean Meetings. December 11-13, 2012. Holmen, Ripon, and Janesville, WI. (*Total of 3 presentations*).

Field Crop Disease Management. 2012 Certified Crop Advisor Short Course. December 2012. Madison, WI.

Disease Management. 2012 Wisconsin Pest Management Update Meetings. November 5-8 & 12-15, 2012. Marshfield, Chippewa Falls, Belmont, Arlington, Fond du Lac, Green Bay, Sparta, and Janesville, WI. (*Total of 8 presentations*).

What's up In Pecan Pathology at OSU? Annual Meeting of the Oklahoma Pecan Growers Association. June 2012. Norman, OK.

Advanced Disease Management. Tulsa Master Gardeners Association. May 2012. Tulsa, OK.

Common diseases of roses grown in Oklahoma and their control. Monthly Meeting of the Tulsa Rose Growers Society. February 2012. Tulsa, OK.

Turf disease blog and the OSU Turfgrass Diagnostic Laboratory. Southeastern Oklahoma Turfgrass Conference. January 2012. Sulphur, OK.

Turf Disease Management. Oklahoma and Arkansas Turfgrass Short Course. January 2012. Stillwater, OK.

Using conventional vs. reduced-risk fungicide programs for control of black rot of grape. Annual Oklahoma and Arkansas Horticulture Industries Show. January 2012. Tulsa, OK.

Management of Horticultural Plant Diseases. Oklahoma Parks and Recreation. November 2011. Sand Springs, OK.

Management of Turfgrass Diseases. Oklahoma Parks and Recreation. November 2011. Sand Springs, OK.

The Importance of an Integrated Pest Management Plan for Your Facility – Using a Disease Prediction Model to Reduce Fungicide Applications. Oklahoma Turf Research Foundation Annual Meeting. November 2011. Stillwater, OK.

Lawn Disease of 2011. Oklahoma Turf Research Foundation Annual Meeting. November 2011. Stillwater, OK.

Turf Disease Blog and the OSU Turfgrass Diagnostic Laboratory. Oklahoma Turf Research Foundation Annual Meeting. November 2011. Stillwater, OK.

Diseases of Current Concern and Those on the Horizon. Current Challenges in Horticulture and Landscape Architecture Meeting. August 2011. Stillwater, OK.

Improving Our Ability to Estimate Leaf Wetness to Predict Pecan Scab. Annual Meeting of the Oklahoma Pecan Growers Association. June 2011. Bartlesville, OK.

Turfgrass Diagnostic Laboratory Introduction and Update. Turfgrass Pest Management Field Day. June 2011. Stillwater, OK.

Spring 2011 Oklahoma Grape Disease Update. Frontier Country Grape Growers and Winemakers Association. May 2011. Norman, OK.

Diseases of Pines. Shawnee Advanced Master Gardener Meeting. March 2011. Shawnee, OK.

Grape Diseases. Shawnee Advanced Master Gardener Meeting. March 2011. Shawnee, OK.

Turf and Ornamental Disease Management. Shawnee Advanced Master Gardener Meeting. March 2011. Shawnee, OK.

Turf Disease Management. Oklahoma and Arkansas Turfgrass Short Course. January 2011. Stillwater, OK.

Turfgrass and Ornamental Diseases Management. Tulsa Co. Pesticide Applicator Training. January 2011. Tulsa, OK.

Turf Disease Management. Enid Landscape Training. January 2011. Enid, OK.

2010 Creeping Bentgrass Disease Control Update. Oklahoma Turf Research Foundation Annual Meeting. November 2010. Stillwater, OK.

Managing Lawn Diseases. Oklahoma Turf Research Foundation Annual Meeting. November 2010. Stillwater, OK.

Using Fungicides in the Lawn and Landscape: Helpful Hints to Maximize Their Efficiency. Oklahoma Turf Research Foundation Annual Meeting. November 2010. Stillwater, OK.

Managing Pecan Scab with Fungicides. Annual Meeting of the Oklahoma Pecan Growers Association. June 2010. Ardmore, OK.

Large Patch Research Update. Spring Turfgrass Workshop. May 2010. Stillwater, OK.

Other Turfgrass Diseases. Spring Turfgrass Workshop. May 2010. Stillwater, OK.

Spring 2010 Oklahoma Grape Disease Update. Lincoln County Grape Growers Association. May 2010. Chandler, OK.

Spring 2010 Oklahoma Grape Disease Update. Frontier Country Grape Growers and Winemakers Association. April 2010. Slaughterville, OK.

Disease Management of Creeping Bentgrass Putting Greens. Southeastern Oklahoma Turfgrass Conference. February 2010. Durant, OK.

Disease Management of Warm-season Turfgrass Lawns. Southeastern Oklahoma Turfgrass Conference. February 2010. Durant, OK.

Landscape Disease Management. Grove Home Show. February 2010. Grove, OK.

Six Reasons Why Fungicides Fail. Grove Home Show. February 2010. Grove, OK.

Update: Pierce's Disease in Oklahoma. Annual Meeting of the Oklahoma Grape Growers and Wine Makers Association. January 2010. Tulsa, OK.

Turfgrass and Ornamental Diseases Management. Tulsa Co. Pesticide Applicator Training. January 2010. Tulsa, OK.

Development of an Integrated Approach for Managing Black Rot of Grape in Oklahoma. Annual Oklahoma and Arkansas Horticulture Industries Show. January 2010. Tulsa, OK.

Turfgrass and Ornamental Diseases. Oklahoma Parks and Recreation. November 2009. Ardmore, OK.

2009 Creeping bentgrass disease control research. Oklahoma Turf Research Foundation Annual meeting. November 2009. Stillwater, OK.

Managing lawn diseases and research update. Oklahoma Turf Research Foundation Annual meeting. November 2009. Stillwater, OK.

Managing Diseases in Sod Production. Oklahoma Turf Research Foundation Annual meeting. November 2009. Stillwater, OK.

Landscape plant health and preventative disease management. OSU Tree Care Conference. October 2009. Stillwater, OK.

Fungicides demystified and other pecan diseases for your radar. Annual Meeting of the Oklahoma Pecan Growers Association. June 2009. Oklahoma City, OK.

Common diseases of conifer trees. Spring meeting of the Oklahoma Christmas Tree Growers Association. May 2009. Gore, OK.

Sustainable Blackberry Disease Management. Sustainable Blackberry Production Workshop. April 2009. Perkins, OK.

Introduction to Fruit Tree Disease Management. Payne County Fruit Tree Production Workshop. March 2009. Stillwater, Ok.

Common Tree Diseases and Management. Tree City USA Conference. March 2009. Oklahoma City, OK.

Turfgrass and Ornamental Diseases. Oklahoma City Lawn Care Pest Management Workshop. February 2009. Oklahoma City, OK.

Turfgrass Diseases. Southeast Oklahoma Turfgrass Management Short Course. February 2009. Ada, OK.

Turfgrass and Landscape Diseases. Tulsa Co. Pesticide Applicator Training. January 2009. Tulsa, OK.

Viticulture pathology research and extension at Oklahoma State University. Annual Meeting of the Oklahoma Grape Growers and Wine Makers Association. January 2009. Yukon, OK.

Turf & Ornamental Disease Pest Problems in 2008 & Research Overview. Oklahoma Turf Research Foundation Annual meeting. November 2008. Stillwater, OK.

Managing Diseases of Bermudagrass Sports Fields. Oklahoma Turf Research Foundation Annual meeting. November 2008. Stillwater, OK.

Why are the Oaks Dying this year? OSU Tree Care Conference. October 2008. Stillwater, OK.

Storm Damage Mitigation in the Urban Forest. OSU Tree Care Conference. October 2008. Stillwater, OK.

Disease Identification and Control for Turfgrass and Ornamentals. Lawn Care Course, Sponsored by OSU Pesticide Education Program. October 2008. Tulsa, OK.

Disease Identification and Control for Turfgrass and Ornamentals. Lawn Care Course, Sponsored by OSU Pesticide Education Program. October 2008. Oklahoma City, OK.

Disease Identification and Control for Turfgrass and Ornamentals. Lawn Care Course, Sponsored by OSU Pesticide Education Program. July 2008. Tulsa, OK.

Disease Identification and Control for Turfgrass and Ornamentals. Lawn Care Course, Sponsored by OSU Pesticide Education Program. July 2008. Oklahoma City, OK.

Pecan Disease Management. Annual Meeting of the Oklahoma Pecan Growers Association. July 2008. Tulsa, OK.

Disease Management. Conference: Managing Nutrients for Lawn, Garden, and Golf Courses to protect Water Quality of the Grand Lake. April 2008. Grove, OK.

Black rot of grape and sprayer calibration. Frontier Country Grape Growers and Winemakers Association. March 2008. Slaughterville, OK.

Turfgrass and Landscape Diseases. Tulsa Co. Pesticide Applicator Training. January 2008. Tulsa, OK.

Disease Management. Oklahoma and Arkansas Turfgrass Short Course. January 2008. Stillwater, OK.

Management of Grape Diseases in Oklahoma: Considering the Plants, Pathogens, and Environment. Oklahoma and Arkansas Horticultural Industries Show. January 2008. Tulsa, OK.

Turf and Landscape Disease Management Programs. Oklahoma Turf Research Foundation Annual meeting. November 2007. Stillwater, OK.

#### *In-Service Training Events*

Turfgrass Pest Management Field Day. In-service opportunity for OSU Educators. June 2011. Stillwater, OK.

Landscape Disease Management and Diseases of Pine Trees. Eastern Oklahoma In-Service for OSU Educators (Entomology and Plant Pathology). March 2010. McAlester, Oklahoma.

Landscape Disease Management and Six Reasons Why Fungicides Fail. Western Oklahoma In-Service for OSU Educators (Entomology and Plant Pathology). March 2010. Clinton, Oklahoma.

Plant Pathology. Outdoor Landscape IPM In-Service Training. May 2009. Stillwater, OK.

Plant Pathology. Outdoor Landscape IPM In-Service Training. May 2008. Stillwater, OK.

Plant Pathology. Western Oklahoma Tree Care In-Service Training. May 2008. Clinton, OK.

Horticulture Diseases and Their Management. Eastern Oklahoma In-Service for OSU Educators (Entomology and Plant Pathology). May 2008. McAlester, Oklahoma.

#### *OSU Centra Extension Presentations*

Monthly Horticulture Centra Session. Horticulture Pathology Update. May 2012. – Keynote Update.

Monthly Horticulture Centra Session. Horticulture Crops Disease Update for April. April 2012. – Contributor.

#### *Field Day Presentations*

Wisconsin Soybean Marketing Board Research Update Field Day. September 2016. Arlington, WI. – Contributor.

University of Wisconsin Agronomy and Pest Management Field Day. August 2016. Arlington, WI. – Contributor.

Crop and Pest Management Workshop. August 9, 2016. Arlington, WI. – Contributor.

Diagnostic Troubleshooting Workshop. July 26, 2016. Arlington, WI. – Contributor.

Wisconsin County-based field days. July 2016. Three Wisconsin Locations during July. – Contributor.

Wisconsin Soybean Marketing Board Research Update Field Day. September 2015. Arlington, WI. – Contributor.

University of Wisconsin Agronomy and Pest Management Field Day. August 2015. Arlington, WI. – Contributor.

University of Wisconsin Agronomy Field Day. August 2014. Arlington, WI. – Contributor.

Fond du Lac County Grain Growers Twilight Meeting. July 2014. Fond du Lac, WI. – Contributor.

University of Wisconsin Pest Management Field Day. June 2014. Arlington, WI. – Contributor.

University of Wisconsin Crop Resistance Management Clinic. June 2013. Eau Claire and Foster, WI. – Contributor

University of Wisconsin Pest Management Field Day. June 2013. Arlington, WI. – Contributor.

Oklahoma Vineyard Field Day. Sponsored by the Oklahoma Grape Industry Council. May 2012. Lexington, OK. - Contributor

Integrated Pest Management for the Landscape Professional. May 2012. Stillwater, OK. – Contributor.

Northeast Oklahoma Pecan Mini Field Day-Grafting Demonstration and Pest Management. May 2012. Oologah, OK. – Contributor.

Turfgrass Pest Management Field Day. June 2011. Stillwater, OK. – Organizer and Contributor.

Grape diseases. Oklahoma State University Grape Research Field Day. October 2010. Perkins, OK. – Contributor.

Update on turfgrass disease research. Oklahoma State University Turfgrass Research Field Day. September 2010. Stillwater, OK. – Contributor.

Fungicide programs for management of dollar spot of creeping bentgrass and brown patch of tall fescue and other pathology research at Oklahoma State University. Oklahoma State University Turfgrass Research Field Day. September 2008. Stillwater, OK. – Contributor.

#### Videos

*Soybean white mold (Sclerotinia stem rot)*. 2016. Invited webinar recording. Pest Management Network, Focus on Soybean series  
<http://www.plantmanagementnetwork.org/edcenter/seminars/soybean/WhiteMold/>

*Soybean disease forecasting*. 2016. Invited webinar recording. Pest Management Network, Focus on Soybean series  
<http://www.plantmanagementnetwork.org/edcenter/seminars/soybean/SoybeanDiseaseForecasting/>

*Corn Eyespot*. 2016. Invited webinar recording. Pest Management Network, Focus on Corn Series  
<http://www.plantmanagementnetwork.org/edcenter/seminars/corn/CornEyespot/>

*Winter Wheat: In-season Disease Management, Part I*. 2016. UW Extension – Cooperative Extension Service. University of Wisconsin.  
<http://fyi.uwex.edu/fieldcroppathology/videos/>

*Winter Wheat: In-season Disease Management, Part II*. 2016. UW Extension – Cooperative Extension Service. University of Wisconsin.  
<http://fyi.uwex.edu/fieldcroppathology/videos/>

*Winter Wheat: In-season Disease Management, Part III*. 2016. UW Extension – Cooperative Extension Service. University of Wisconsin.  
<http://fyi.uwex.edu/fieldcroppathology/videos/>

*Alfalfa: In-Season Fungicide Decisions*. 2016. UW Extension – Cooperative Extension Service. University of Wisconsin. <http://fyi.uwex.edu/fieldcroppathology/videos/>

*Field Corn Disease Management Update*. 2016. UW Extension – Cooperative Extension Service. University of Wisconsin. <http://fyi.uwex.edu/fieldcroppathology/videos/>

- Soybean vein necrosis virus*. 2015. Invited webinar recording. Pest Management Network, Focus on Soybean series  
<http://www.plantmanagementnetwork.org/edcenter/seminars/soybean/SoybeanVeinNecrosisVirus/>.
- Introduction to Plant Diseases of Field Crops (1/5). 2014. UW-Extension, Integrated Pest and Crop Management CCA video Series.  
[https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX\\_1Nxye9](https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX_1Nxye9)
- Corn Disease Management (2/5). 2014. UW-Extension, Integrated Pest and Crop Management CCA video Series.  
[https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX\\_1Nxye9](https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX_1Nxye9)
- Soybean Disease Management (3/5). 2014. UW-Extension, Integrated Pest and Crop Management CCA video Series.  
[https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX\\_1Nxye9](https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX_1Nxye9)
- Alfalfa Disease Management (4/5). 2014. UW-Extension, Integrated Pest and Crop Management CCA video Series.  
[https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX\\_1Nxye9](https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX_1Nxye9)
- Wheat Disease Management (5/5). 2014. UW-Extension, Integrated Pest and Crop Management CCA video Series.  
[https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX\\_1Nxye9](https://www.youtube.com/playlist?list=PLMF9p1QYShgyZWu7FhQ2WKgEsX_1Nxye9)
- Charcoal Rot in the North Central Region: Overview of Research (1/6). 2014. North Central Soybean Research Program.  
<https://www.youtube.com/watch?v=iGrH7XxAnlo&list=PLJrvi1hU00ISYsWHNGhfqCzDRDGBCT9Eh>
- Charcoal Rot in the North Central Region: Life Cycle (2/6). 2014. North Central Soybean Research Program.  
<https://www.youtube.com/watch?v=gPEmhUrRKAY&index=2&list=PLJrvi1hU00ISYsWHNGhfqCzDRDGBCT9Eh>
- Charcoal Rot in the North Central Region: Management Options (3/6). 2014. North Central Soybean Research Program.  
<https://www.youtube.com/watch?v=UzdZGCqZFJM&index=3&list=PLJrvi1hU00ISYsWHNGhfqCzDRDGBCT9Eh>
- Charcoal Rot in the North Central Region: Growth Stages and Yield Loss (4/6). 2014. North Central Soybean Research Program.  
<https://www.youtube.com/watch?v=lRyszy1Hjeg&index=4&list=PLJrvi1hU00ISYsWHNGhfqCzDRDGBCT9Eh>
- Charcoal Rot in the North Central Region: Research Methods (6/6). 2014. North Central Soybean Research Program.  
<https://www.youtube.com/watch?v=29qFgKuGPM&index=6&list=PLJrvi1hU00ISYsWHNGhfqCzDRDGBCT9Eh>
- Brown Stem Rot in Soybean. 2014. UW-Extension – Cooperative Extension Service. University of Wisconsin. <https://www.youtube.com/watch?v=-KWu9dPCDXy>



Soybean Vein Necrosis Virus; North Central Soybean Research Program. 2014. North Central Soybean Research Program.

<https://www.youtube.com/watch?v=uMtyO8DIiEI>

White Mold in Soybean. 2013. UW Extension – Cooperative Extension Service. University of Wisconsin. <http://fyi.uwex.edu/fieldcroppathology/videos/>

Sudden Death Syndrome in Soybean. 2013. UW Extension – Cooperative Extension Service. University of Wisconsin. <http://fyi.uwex.edu/fieldcroppathology/videos/>

Soybean Vein Necrosis. 2013. UW Extension – Cooperative Extension Service. University of Wisconsin. <http://fyi.uwex.edu/fieldcroppathology/videos/>

#### *Radio Interviews*

2016 Wheat Disease Update. Ag PhD Radio. May 19, 2016. Sirius XM Channel 80.

2015 Soybean White Mold Update. Ag PhD Radio. November 3, 2015. Sirius XM Channel 80.

2015 Corn Disease Update. Ag PhD Radio. August 19, 2015. Sirius XM Channel 80.

2014 Sudden Death Syndrome Update. Ag PhD Radio. October 7, 2014. Sirius XM Channel 80.

#### *Television Presentations*

General Pine Health. Oklahoma Gardening. September 5 & 6, 2009. Stillwater, OK.

Pine Wood Nematode. Oklahoma Gardening. September 12 & 13, 2009. Stillwater, OK.

#### *Newspaper Features*

If You Think Your Oak is Going to Croak, Contact OK State. DASNR Press Release. October 7, 2010. Stillwater, OK.

### **WEBSITES AND SOCIAL MEDIA**

#### University of Wisconsin

Wisconsin Field Crops Pathology – (<http://fyi.uwex.edu/fieldcroppathology/>) - This website is a major component of the extension arm of the Field Crops Extension Pathology lab at the University of Wisconsin. It also serves as a major repository for much of the research information generated in the lab. Information on the site includes timely updates, disease profiles, management information, research-based data, and links to other reputable sites. In 2016, the website received 17,158 sessions with 23.4% of those as returning users. There were 27,937 total page views.

Twitter - @damon\_lee\_smith – 901 Total followers (1/27/2017)

#### Oklahoma State University

TurfDiseases – Updates for the Pros by the Pros ([www.turfdiseases.org](http://www.turfdiseases.org))– Regular contributor of research and disease updates related to turfgrass management. In 2011, the website received 48,954 visits with 53% of those visits from returning users. There were 92,617 page views in all.

Grape Community of Practice – eXtension (<http://www.extension.org/grapes>) – Authored or co-authored 25 peer-reviewed disease information resource pages, which resulted in 5,474 page views (4,066 unique page views) for those articles only.

Oklahoma State University Turfgrass Science ([www.turf.okstate.edu](http://www.turf.okstate.edu)) - Assist in the development and maintenance of the homepage and sub-pages. In 2011, the website received 1,351 visits with 30% of those visits from returning users. There were 4,491 page views in all.

Beltwide Pecan IPMPIPE (<http://pecan.ipmpipe.org/>) - Assisted in the development of the interactive fungicide database and the development of the pecan scab spray advisor.

### **INTELLECTUAL PROPERTY**

Fungal DNA Sequences submitted to GenBank. Accessions EU306730-EU306741.