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Department of Plant Pathology
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Education and Training

- 1999-2005 M.S./Ph.D. program in the Department of Plant Pathology, Cornell University, Ithaca, New York.
1995-1999 B.S. (honors), Botany, University of Wisconsin-Madison

Research and Professional Experience

- 2016-present Professor, Kansas State University, Dept. of Plant Pathology
• Director of Graduate Program, 2016-Present
2011-2016 Associate Professor, Kansas State University, Dept. of Plant Pathology
2006-2011 Assistant Professor, Kansas State University, Dept. of Plant Pathology
2005-2006 Postdoctoral Research Associate, Dept. of Plant Pathology, Michigan State University

Awards and honors

- 2005 I.E. Melhus Award, American Phytopathological Society
2010 Gamma Sigma Delta, Early Career Award, Kansas State University
2012 Lee. M. Hutchins Award, American Phytopathological Society

Professional societies and working groups

- American Phytopathological Society
 - Senior Editor, *Plant Disease*. 2013-2015 and 2016-2018 terms
 - Member and Vice-Director, Office of International Programs Board
 - Coordinator for Books for the World Program
 - Coordinator for Library Assistance Program
- Crop Science Society of America (member)

Extension activities

- More than 30 extension presentations each year to stakeholders in ornamental, turf, fruit, and vegetable crops industries at state, regional, and national events
- Weekly turfgrass/landscape e-newsletter/blog to >1,200 stakeholders
- Turfgrass and horticulture crop disease diagnosis
- Multiple extension publications (examples listed below)
- Faculty Co-Chair of the Horticulture Program Focus Team for KSU (2014-2015)

Book Chapters

Maredia K, Bird G, Landis D, F. Zalom, Landis J. **Kennelly M**, El-Bouhssini M., Saidov N, and Aitmatov M(ICARDA). 2016. Ecologically-based Integrated Pest Management Programs for

Food Security Crops in Central Asia. In: Environmental Crises in Central Asia: From steppes to seas, from deserts to glaciers. Eric Freedman and Mark Neuzil, editors. 196 pages. Routledge.

Kennelly, M.M., and Cloyd, R.A. Disease Management. 2011. Chapter 15 in: *Greenhouse Operation and Management*. Paul Nelson, ed. Prentice Hall.

Journal Publications

Miller, G.L., Earlywine, D.T., Braun, R., Fry, J.D., **Kennelly, M.M.** 2016. Influence of ni-trogen source and application timing on large patch of zoysiagrass. *Crop, Forage, & Turfgrass Management*. DOI: 10.2134/cftm2015.0189

Masterson, S.A., **Kennelly M.M**, Janke R.R., Rivard C L. 2016. Microclimate and Scion Leaf Removal to Improve the Success of Grafted Tomato Seedlings. *HortTechnology* 26:261-269.

Braun, R., Fry, J, **Kennelly M**, Bremer D, Griffin J. 2016. Colorant application volume and color persistence on a ‘Chisolm’ zoysiagrass lawn. *HortTechnology* 26:314-319

Kennelly, M.M and Hoyle, J.A. 2015. Assessing Impact of Online Delivery of Turfgrass and Landscape Information. *Journal of Extension*. Online. 53:5TOT4

Ostrander, J.C., Todd, R.B., and **Kennelly, M.M.** 2014. Resistance of Kansas *Sclerotinia homoeocarpa* isolates to thiophanate-methyl and determination of associated β -tubulin mutation. *Plant Health Progress*. Online. doi:10.1094/PHP-RS-13-0120.

Thompson, C., Fry, J., **Kennelly, M.**, Sousek, M., and Reicher, Z. 2014. Seasonal timing of glyphosate application influences control of *Poa trivialis*. *Applied Turfgrass Science*. Online. doi:10.2134/ATS-2013-0044-BR.

Obasa K, Fry J, Bremer D, St. John R, **Kennelly M.** 2013. Effect of cultivation and timing of nitrogen fertilization on large patch disease of zoysiagrass. *Plant Disease*. 97:1075-1081

Gonzalez, B. R., and **Kennelly, M. M.** 2012. Sensitivity of Kansas isolates of *Sclerotinia homoeocarpa* to boscalid. Online. *Plant Health Progress* doi:10.1094/PHP-2012-0402-01-RS.

Johnson, W.A., J.R. Nechols, R.A. Cloyd, D. Rotenberg and **M.M., Kennelly**. 2012. Effect of light intensity on *Brassica rapa* chemistry and *Plutella xylostella* (Lepidoptera: Plutellidae) life history traits. *J. Entomol. Science*. 47(4): 327-349.

Johnson, W.A., R.A. Cloyd, J.R. Nechols, K.A. Williams, N.O. Nelson, D. Rotenberg, and **M.M. Kennelly**. Effect of nitrogen source on pac choi (*Brassica rapa* L.) chemistry and interactions with the diamondback moth (*Plutella xylostella* L.). *J. Hort. Science*. 47:1457-1465.

Obasa K.C., Fry J.D., **Kennelly, M.M.** 2012. Evaluation of new freeze-tolerant zoysiagrass germplasm to large patch, caused by *Rhizoctonia solani*. *HortScience*. 47:1252-1256.

Okeyo D.O., Fry, J.D., Bremer, D., Rajashekar C.B., **Kennelly M.M.**, Chandra, A., Genovesi, D.A., Engelke, M.C. 2011. Freezing tolerance and seasonal color of experimental zoysiagrasses. *Crop Science*. 51:2829-2839.

Thompson, C.S, **Kennelly, M.M.**, and Fry, J.D. 2011. Effect of Nitrogen Source on Silvery-thread Moss on a Creeping Bentgrass Putting Green. *Applied Turfgrass Science*. doi:10.1094/ATS-2011-1018-02-RS.

Thompson, C.S., Fry, J.D., and **Kennelly, M.M.**, 2011. Evaluation of Conventional and Alternative Products for Silvery-thread Moss Control in Creeping Bentgrass. *Applied Turfgrass Science*. doi:10.1094/ATS-2011-1018-01-RS.

Kennelly M.M., Todd T.C., Settle D.M., and Fry J.F. 2010. Moss control on creeping bentgrass greens with standard and alternative approaches. *HortScience* 45:654-659

Deng X. Lan L, Xiao Y, **Kennelly M**, Zhou J-M, Tang X. 2010. *Pseudomonas syringae* Two-Component Response Regulator RhpR Regulates Promoters Carrying an Inverted Repeat Element. *Molecular Plant-Microbe Interactions*. 23: 927-939.

Kennelly, M.M., and Wolf, R.E. 2009. Effect of nozzle type and water volume on dollar spot control in greens-height creeping bentgrass. *Applied Turfgrass Science*. Online. doi:10.1094/ATS-2009-0921-01-RS.

Gadoury, D.M., Andrews, J., Baumgartner, K., Burr, T.J., **Kennelly, M.M.**, Lichens-Park, A., MacDonald, J., Savary, S., Scherm, H., Tally, A., and Wang, G.-L. 2009. Disciplinary, institutional, funding, and demographic trends in plant pathology: What does the future hold for the profession? *Plant Disease* 93:1228-1237

McGrath, M.J., Koczan, J.M., **Kennelly, M.M.**, Sundin, G.W. 2009. Evidence that prohexadione-calcium induces structural resistance to fire blight infection. *Phytopathology* 99:591-596.

Kennelly, M.M., Gadoury, D. M., Wilcox, W. F., Magarey, P. A., and Seem, R. C. 2007. Addressing the gaps in our knowledge of grapevine downy mildew for improved forecasting and management. Online. *Plant Health Progress* doi:10.1094/PHP-2007-0726-03-RV.

Kennelly, M.M., Cazorla F.M., de Vicente A, Ramos, C., Sundin, G. W. 2007. *Pseudomonas syringae* diseases of fruit trees: progress towards understanding and control. *Plant Disease* 91:4-17.

Kennelly, M.M., Gadoury, D. M., Wilcox, W. F., Magarey, P. A., and Seem, R. C. 2007. Primary infection, lesion productivity, and survival of sporangia in the grapevine downy mildew pathogen, *Plasmopara viticola*. *Phytopathology* 97:512-522.

Kennelly, M. M., Gadoury, D. M., Wilcox, W. F., and Seem, R. C. 2007. Vapor activity and systemic movement of mefenoxam control downy mildew of grapevine. *Plant Disease* 91:1260-1264

Kennelly, M.M., O'Mara, J, Pierzynski, J, Hilbert, W, and Appel, J,. 2007. Hosta Virus X detected in Kansas. Online. *Plant Health Progress* doi:10.1094/PHP-2007-0926-01-BR.

Kennelly, M.M., Gadoury, D. M., Wilcox, W. F., Magarey, P. A., and Seem, R. C. 2005. Seasonal development of ontogenic resistance to downy mildew in grape berries and rachises. *Phytopathology* 95:1445-1452.

Trade Publications

Obasa K, Fry J, Bremer D, St. John R, and Kennelly M. 2014. Effects of summer cultivation and fertilization timing on large patch in zoysiagrass. *Golf Course Management*. April. Pages 90-94

Miller, C., Cloyd, R., Williams, K., Stevens, A., **Kennelly, M.**, O'Mara, J., and McElwain, S. Floriculture at Kansas State University. *Greenhouse Product News*. July 2013 pages 26-32. KAES contribution no. 14-211-T

Thompson C, Fry J, **Kennelly M.** 2012. Alternative products for silvery-thread moss control in creeping bentgrass. *Turfgrass Trends*. January 2012 pages 36-38.

Fry, J, **Kennelly, M.**, and St. John, R. 2008. Zoysiagrass: economic and environmental sense in the transition zone. *Golf Course Management*, May: 127-132.

Cloyd, R. A., Williams, K. A., **Kennelly, M. M.**, and O'Mara, J. 2006. Don't get "burned" using a pre-emergent herbicide in your greenhouse. *Greenhouse Business* 12:27-28.

KSU Extension Publications (Recent Examples)

- Miller, F., Cloyd R, **Kennelly M**, Lee C, Upham W, Hoyle J. 2015. Ornamental Pest Control. Kansas State University Agricultural Experiment Station and Cooperative Extension Service. Publication number S-20. Pesticide license training manual. 73 pp.
- **Kennelly M.** Anthracnose of bentgrass and annual bluegrass putting greens. EP147
- **Kennelly M.** Commercial management of brown patch of cool-season Turfgrasses. EP147
- Obasa K and **Kennelly M.** Yellow patch of turfgrass. EP164
- **Kennelly M.** Fairy rings in turfgrass. EP155
- Obasa K. and **Kennelly M.** Rust diseases of turfgrass. EP163
- **Kennelly M.** Summer patch in turfgrass. MF3239
- Miller FL, Bauernfeind B, Cloyd R, Keeley S, **Kennelly M**, Lee C, and Upham W. 2013. Kansas State University Agricultural Experiment Station and Cooperative Extension Service. Publication number S-20. Turf Pest Control. Pesticide license training manual
- **Kennelly MM**, Cloyd RA, O'Mara J, Griffin JJ. 2014. Tree and shrub problems in Kansas: Diseases, insects, and environmental stresses. Kansas State University Agricultural Experiment Station and Cooperative Extension Service. Publication number MF3132.