

Megan M. Kennelly

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Education and Training

University of Wisconsin-Madison	Botany	B.S. 1999
Cornell University	Plant Pathology	PhD 2005
Michigan State University	Plant Pathology	Postdoctoral Researcher 2005-2006

Research and Professional Experience

2020-present Professor and Dept Head, Kansas State University, Dept of Plant Pathology

2016-present Professor Kansas State University, Dept of Plant Pathology
80% Extension/20% Research appointment
Graduate Program Director, 2016-2022
Interim Department Head, Dec 2018-Aug 2020

2011-2016 Associate Professor, Kansas State University, Dept. of Plant Pathology

2006-2011 Assistant Professor, Kansas State University, Dept. of Plant Pathology

Current and Recent Research Interests

- Evaluation of fungicides for turfgrass disease control
- Evaluation of zoysiagrass breeding lines for cold tolerance and resistance to large patch disease
- Identification and fungicide resistance survey of Botrytis in greenhouse crops
- Survey of specialty crop growers for IPM resource and diagnostic needs
- Lead PI for summer Research and Extension Experiences for Undergraduates program

Awards:

- 2010 Gamma Sigma Delta, Early Career Award, Kansas State University
- 2012 Lee M. Hutchins Award, American Phytopathological Society
- 2016 North Central SARE – Ford award for top proposal

Editorial boards and Professional Service:

- Senior Editor, *Phytofrontiers*, 2021-2023
- Senior Editor, *Plant Disease*, 2013-2015 and 2015-2018 terms
- Associate Editor, *Plant Disease*, 2009-2011
- Section Editor (Ornamentals), *Plant Disease Management Reports*, 2007-2009
- *Agronomy Journal* – Associate Editor for special issue for the 2020 European Turfgrass Society Conference
- *Agronomy Journal* – Associate Editor for special issue for the 2018 European Turfgrass Society Conference
- *Agronomy Journal* – Associate Editor for special issue for the 2020 European Turfgrass

Biographical Sketch - Kennelly

Society Conference

- *Applied Turfgrass Science* - Technical Editor, 2012-2014
- *Applied Turfgrass Science* - Associate Editor, 2009-2011
- American Phytopathological Society - Office of International Programs
 - Vice Director 2016-2019 (*see International Engagement section for details*)
- American Phytopathological Society - Co-Coordinator of North Central APS conference, 2013. (~130 attendees)
- American Phytopathological Society - APS Turfgrass Committee
 - Chair, 2008-2009; Member, 2006-present
- American Phytopathological Society -APS Extension Committee
 - Chair, 2007-2008; Member 2006-2009
- American Phytopathological Society – Foundation Board, 2021-present

Selected extension and outreach activities

- Develop and deliver extension presentations and hands-on workshops to stakeholders in ornamentals, turf, fruit, and vegetables at state, regional, and national events and online.
- Chair – KSU Horticulture Extension Program Focus Team. 2014-2015
- Contributor to online turf and landscape newsletter/blog to >1,200 stakeholders
- Numerous extension publications (online and print) on diverse horticultural commodities
- Develop and implement hands-on training for middle school girls – ten summer workshops since 2006. KSU GROW Program (Girls Researching Our World)
- CoPI to develop comprehensive online educational curriculum for US lavender growers (<https://www.canr.msu.edu/growinglavender/>)

Recent Publications

Xiang M, Fry J, **Kennelly**, M. 2020. Establishment and persistence of zoysiagrass–tall fescue mixtures. *Applied Turfgrass Science*. <https://doi.org/10.1002/cft2.20011>

Xiang M, Fry J, and **Kennelly M**. 2019. Brown Patch Occurrence in a Zoysiagrass-Tall Fescue Polystand Compared with a Tall Fescue Monostand. *Crop, Forage, & Turfgrass Management*. doi:10.2134/cftm2019.04.0031.

Thompson C, Zhang Q, **Kennelly M**, Stier J, Blume C, Christians N, Fry J, Martin D, Ostrander J, Rincker K, Settle D, Soldat D. 2019. The dollar spot susceptibility of 25 bentgrasses is consistent across five states in the central U.S.A. *Crop Forage Turfgrass Manage*. 5:180075. doi:10.2134/cftm2018.09.007

Poudel R, Jumpponen A, **Kennelly M**, Rivard C, Gomez-Montano L, Garrett K. Root-stocks shape the rhizobiome: Rhizosphere and endosphere bacterial communities in the grafted tomato system. 2019. *Applied and Environmental Microbiology*. doi: 10.1128/AEM.01765-18. Print 2019 Jan 15

Obasa K, Fry J, Bremer D, **Kennelly M**. 2017. Evaluation of spring and fall fungicide applications for large patch management in zoysiagrass. *International Turfgrass Society Research Journal*. 13: 191-197. doi:10.2134/itsrj2016.04.0274.

Obasa K, White F.F., Fellers J, **Kennelly M**, Liu S., Katz B., Tomich J., Moore D., Shinogle H., and Kelley K. 2017. A dimorphic and virulence-enhancing endosymbiont bacterium discovered in *Rhizoctonia solani*. *Phytobiomes*. <http://dx.doi.org/10.1094/PBIOMES-08-16-0005-R>.

Thompson, C. J. Fry, R. Braun, and **M. Kennelly**. 2017. Rough bluegrass incidence in a new tall fescue sward as affected by seeding rate and mowing height. *Crop Forage Turfgrass Manage*. 3:1-4. doi:10.2134/cftm2016.11.007.

Thompson, C. **M. Kennelly**, J. Fry, M. Sousek, and Z. Reicher. 2017. Physiological and pathogenic contributors to summer decline of roughstalk bluegrass. *Int. Turfgrass Soc. Res. J*. 13: 566-574. doi:10.2134/itsrj2016.05.0304.

Braun, R.C. Fry, J.D., **Kennelly, M.M.**, Bremer, D.J., Griffin, J.J. 2017. Single and sequential colorant application effects on buffalograss and zoysiagrass color during dormancy. *HortTechnology*. 27: 393-398. Doi: 10.21273/HORTTECH03690-17

Meyer, L.J., **Kennelly, M.M.**, Pliakoni E.D., and Rivard C.L. 2017. Leaf removal reduces scion adventitious root formation and plant growth of grafted tomato. *Scientia Horticulturae*. 214: 147-157. doi: 10.1016/j.scienta.2016.11.019

Landis DA, Saidov N, Jaliyov A, El Bouhssini M, **Kennelly M**, Bahlai C, Landis JN, Maredia K. 2016. Demonstration of an Integrated Pest Management Program for Wheat in Tajikistan. *Journal of Integrated Pest Management*. 7:1-9. doi: 10.1093/jipm/pmw010

Miller, G.L., Earlywine, D.T., Braun, R., Fry, J.D., **Kennelly, M.M.** 2016. Influence of nitrogen 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. Scion shoot removal and rootstock cultivar affect vigor and early yield of grafted tomatoes grown in high tunnels in the central United States. *HortTechnology* 26:399-408.

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

Thompson, C., Sousek M., Reicher A., Fry J., **Kennelly M**. 2016. Evaluation of selective herbicide combinations for rough bluegrass control. *Crop, Forage & Turfgrass Management*. doi:10.2134/cftm2015.0213.