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EDUCATION	Ph.D. University of Oregon , Biology M.S. Penn State University , Soil Science B.S. Cornell University , Plant Sciences	Expected 2021 2017 2014
RESEARCH APPOINTMENTS	NSF Graduate Research Fellow ARCS Scholar Graduate Employee , University of Oregon Graduate Research Assistant , Penn State University Research Assistant , University of Delaware	2016 to present 2017-2019 2017-2019 2015-2017 2015
PUBLICATIONS	<ol style="list-style-type: none"> 1. Meyer, K. M., Hopple, A. M., Klein, A., Morris, A.H., Bridgham, S. D., Bohannan, B. J. M. 2020. "Community structure–ecosystem function relationships in the Congo Basin methane cycle depend on the physiological scale of function." <i>Molecular Ecology</i>. doi:10.1111/mec.15442 2. Morris, A. H., Meyer, K. M., Bohannan, B. J. M. 2020. "Linking microbial communities to ecosystem functions: what we can learn from genotype-phenotype mapping in organisms" <i>Philosophical Transactions of the Royal Society B</i>. doi:10.1098/rstb.2019.0244 3. Seyfferth, A. L., Morris, A. H., Gill, R., Kearns, K. A., Mann, J. N., Paukett, M., and Leskanic, C. 2016. "Soil-incorporation of silica-rich rice husk decreases inorganic As in rice grain." <i>Journal of Agricultural and Food Chemistry</i>, 64(19):3760–3766 doi:10.1021/acs.jafc.6b01201 	
IN PRESS	<ol style="list-style-type: none"> 1. Isbell, S. A., Bradley, B. A., Morris, A. H., Wallace, J. M., Kaye, J. P. "Nitrogen dynamics in grain cropping systems integrating multiple ecologically-based management strategies" <i>Ecosphere</i> 2. Meyer, K. M., Morris, A. H., Webster, K., Klein, A., Kroegerv, M. E., Meredith, L. K., Brændholt, A., Nakamurat, F., Venturinit, A., Fonseca de Souza, L., Shek, K. L., Danielson, R., van Haren, J., Barbosa de Camargot, P., Tsait, S. M., Dini-Andreote, F., Nüsslein, K., Saleska, S. R., Rodrigues, J. L. M., Bohannan, B. J. M. "Belowground changes to community structure alter methane-cycling dynamics in Amazonia" <i>Environment International</i> 	
SUBMITTED	<ol style="list-style-type: none"> 1. Morris, A. H., Isbell, S. A., Saha, D., and Kaye, J. P. "Mitigating nitrogen pollution with undersown legume-grass cover crop mixtures in winter cereals" In review at <i>Journal of Environmental Quality</i> 	
IN PREP	<ol style="list-style-type: none"> 1. Morris, A. H., Bohannan, B. J. M. "Artificial ecosystem selection on soil methane oxidation reveals complex mapping between microbial community structure and ecosystem function" 	
AWARDS	University of Oregon, Graduate School <ul style="list-style-type: none"> • General University Scholarship • William R. Sistrom Memorial Scholarship • Oregon ARCS Scholar 	2018 2018 2017

The Pennsylvania State University, Graduate School		
	• Distinguished Master's Thesis Award	2017
	• NSF Graduate Research Fellowship Award	2016
	• Annie's Sustainable Agriculture Scholarship	2016
	• Scarlet Graduate Fellowship in Watershed Stewardship Award	2015
	• Katherine Mabis McKenna Fellowship Award	2015
Cornell University and Ithaca College, Undergraduate		
	• Hatch/Multistate Grant	2013
	• Flora Brown Award	2010
PRESENTATIONS AND POSTERS	<ul style="list-style-type: none"> • Morris, A. H., Isbell, S., Kaye, J. Improving nitrogen retention of agroecosystems using interseeded cover crops. Ecological Society of America. Portland, OR. 2017 • Morris, A. H., Isbell, S., Kaye, J. Mitigating nitrogen pollution by interseeding cover crops into spelt. Sustainable Agriculture Cropping Systems Symposium. State College, PA. 2017 • Morris, A. H., Kaye, J. P. Managing Inter-Seeded Cover Crops and Tillage to Decrease Nitrate Leaching and Nitrous Oxide Emissions from Agricultural Soils. Soil Science Society of America Meeting. Phoenix, Arizona. 2016 • Morris, A. H., Isbell, S., Kaye, J. Kemanian, A. Managing cover crops and tillage to decrease nitrogen pollution from organically managed soils in Pennsylvania. Sustainable Agriculture Cropping Systems Symposium. State College, PA. 2016 • Isbell, S. and Morris, A. H.. Nitrogen dynamics in cover crop-based reduced tillage cropping systems. Rodale Institute U.S.-Argentina Travel Program. Russell E. Larson Agricultural Research Center, Rock Springs, PA. May 2016 • Saha, D. and Morris, A. H.. Unraveling the interactive controls of tillage, residue, and manure additions on nitrous oxide emissions in grain and silage systems. Rodale Institute U.S.-Argentina Travel Program. Russell E. Larson Agricultural Research Center, Rock Springs, PA. May 2016 • Morris, A. H. Greenhouse gases in the Reduced-Tillage Organic Systems Experiment (ROSE). ROSE Annual Advisory Board Meeting. Pine Grove Mills, PA. Jan. 2016 • Seyfferth, A. L., Morris, A. H., Kearns, K., Mann, J., Teasley, W., Limmer, M., Amaral, D.. Impacts of Increased Soil Si on Fe Mineral Composition and As Cycling in Rice Paddies. Soil Science Society of America Meeting. Minneapolis, Minnesota. 2015 • Teasley, W., Seyfferth, A. L., Morris, A. H., Johansson, A. The Effect of Si Amendments on As Accumulation and Greenhouse Gas Emissions in Rice (<i>Oryza sativa</i> L). Soil Science Society of America Meeting. Minneapolis, Minnesota. 2015 	
TEACHING APPOINTMENTS	Faculty, Juneau Icefield Research Program: Geobotany and Ecology Guest Lecture, University of Oregon: Ecology and Evolution, Evolutionary Processes Teaching Assistant, University of Oregon: Ecology and Evolution Teaching Assistant, University of Oregon: Genetics and Molecular Biology Teaching Assistant, University of Oregon: Cells Guest Instructor, Penn State University: Impacts of Changing Hydrology on Ecosystem Services in Glacial Systems Teaching Assistant, Penn State University: Soil Science	2018 2018 2018 2018 2017 2017 2017
SERVICE	Student Volunteer at the Ecological Society of America meeting, Portland, OR 2017 Reviewer for Nature Ecology and Evolution, American Naturalist	