

CONTACT INFORMATION	335 Pacific Hall Eugene, OR 97403	860-670-4130 amorris3@uoregon.edu
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 2017-2020 2017-2019 2015-2017 2015
PUBLICATIONS	<ol style="list-style-type: none"> 1. 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. 2020. "Belowground changes to community structure alter methane-cycling dynamics in Amazonia" <i>Environment International</i> doi:10.1016/j.envint.2020.106131 2. 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 3. 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 4. 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. 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" <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 to deduce the 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	Graduate student peer mentor, IE ² , University of Oregon Student Volunteer at the Ecological Society of America meeting, Portland, OR Reviewer for Nature Ecology and Evolution, American Naturalist	2020-2021 2017