

CONTACT INFORMATION	335 Pacific Hall Eugene, OR 97403	860-670-4130 amorris3@uoregon.edu
EDUCATION	Ph.D. <b>University of Oregon</b> , Biology M.S. <b>Penn State University</b> , Soil Science B.S. <b>Cornell University</b> , Plant Sciences	Expected 2021 2017 2014
RESEARCH APPOINTMENTS	<b>NSF Graduate Research Fellow</b> <b>ARCS Scholar</b> <b>Graduate Employee</b> , University of Oregon <b>Graduate Research Assistant</b> , Penn State University <b>Research Assistant</b> , University of Delaware	2016 to present 2017-2020 2017-2018 2015-2017 2015
PUBLICATIONS	<ol style="list-style-type: none"> <li>1. <b>Morris, A. H.</b>, Isbell, S. A., Saha, D., and Kaye, J. P. 2021. "Mitigating nitrogen pollution with undersown legume-grass cover crop mixtures in winter cereals" in press at <i>Journal of Environmental Quality</i> doi:10.1002/jeq2.20193</li> <li>2. Isbell, S. A., Bradley, B. A., <b>Morris, A. H.</b>, Wallace, J. M., Kaye, J. P. 2021. "Nitrogen dynamics in grain cropping systems integrating multiple ecologically-based management strategies" <i>Ecosphere</i> doi:10.1002/ecs2.3380</li> <li>3. Meyer, K. M., <b>Morris, A. H.</b>, 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</li> <li>4. Meyer, K. M., Hopple, A. M., Klein, A., <b>Morris, A.H.</b>, 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</li> <li>5. <b>Morris, A. H.</b>, 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</li> <li>6. Seyfferth, A. L., <b>Morris, A. H.</b>, 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</li> </ol>	
AWARDS	University of Oregon, Graduate School <ul style="list-style-type: none"> <li>• Elma Hendricks Scholarship</li> <li>• William R. Sistrom Memorial Scholarship</li> <li>• Oregon ARCS Scholar</li> </ul>	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"> <li>• <b>Morris, A. H.</b>, Meyer, K. M., Bohannon, B. J. M. Linking microbial communities to ecosystem functions: what we can learn from genotype-phenotype mapping in organisms. Achievement Rewards for College Scientists Annual Luncheon. Portland, OR. 2019</li> <li>• <b>Morris, A. H.</b>, Isbell, S., Kaye, J. Improving nitrogen retention of agroecosystems using interseeded cover crops. Ecological Society of America. Portland, OR. 2017</li> <li>• <b>Morris, A. H.</b>, Isbell, S., Kaye, J. Mitigating nitrogen pollution by interseeding cover crops into spelt. Sustainable Agriculture Cropping Systems Symposium. State College, PA. 2017</li> <li>• <b>Morris, A. H.</b>, 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</li> <li>• <b>Morris, A. H.</b>, 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</li> <li>• Seyfferth, A. L., <b>Morris, A. H.</b>, 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</li> <li>• Teasley, W, Seyfferth, A. L., <b>Morris, A. H.</b>, 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</li> </ul>	
TEACHING APPOINTMENTS	<ul style="list-style-type: none"> <li>Faculty, Juneau Icefield Research Program: Geobotany and Ecology</li> <li>Guest Lecture, University of Oregon: Ecology and Evolution, Evolutionary Processes</li> <li>Teaching Assistant, University of Oregon: Ecology and Evolution</li> <li>Teaching Assistant, University of Oregon: Genetics and Molecular Biology</li> <li>Teaching Assistant, University of Oregon: Cells</li> <li>Guest Instructor, Penn State University: Impacts of Changing Hydrology on Ecosystem Services in Glacial Systems</li> <li>Teaching Assistant, Penn State University: Soil Science</li> </ul>	<ul style="list-style-type: none"> <li>2018</li> <li>2018</li> <li>2018</li> <li>2018</li> <li>2017</li> <li>2017</li> <li>2017</li> </ul>
SERVICE	<ul style="list-style-type: none"> <li>Graduate student peer mentor, IE<sup>2</sup>, University of Oregon</li> <li>Student Volunteer at the Ecological Society of America meeting, Portland, OR 2017</li> <li>Reviewer for Nature Ecology and Evolution, American Naturalist</li> </ul>	<ul style="list-style-type: none"> <li>2020-2021</li> <li>2017</li> </ul>