

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 2017-2019 2017-2019 2015-2017 2015
PUBLICATIONS	1. 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	
ACCEPTED	1. Morris, A.H. , Meyer, K.M., Bohannan, B.J.M. "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> . 2. Meyer, K.M., Hopple, A.M., Klein, A., Morris, A.H. , Bridgham, S.D., Bohannan, B.J.M. "Community structure ecosystem function relationships in the Congo Basin methane cycle depend on the physiological scale of function." <i>Molecular Ecology</i> .	
IN PREP	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." 2. 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" 3. Meyer, K. M., Morris, A. H. , Webster, K., Klein, A., Kroegerv, M. E., Meredith, L. K., Brndholt, 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., Nsslein, K., Saleska, S. R., Rodrigues, J. L. M., Bohannan, B. J. M. "Belowground changes to community structure alter methane-cycling dynamics in Amazonia"	
AWARDS	University of Oregon, Graduate School • General University Scholarship • William R. Sistrom Memorial Scholarship • Oregon ARCS Scholar The Pennsylvania State University, Graduate School • Distinguished Master's Thesis Award • NSF Graduate Research Fellowship Award • Annie's Sustainable Agriculture Scholarship • Scarlet Graduate Fellowship in Watershed Stewardship Award • Katherine Mabis McKenna Fellowship Award	2018 2018 2017 2017 2016 2016 2015 2015

Cornell University and Ithaca College, Undergraduate

- Hatch/Multistate Grant 2013
- Flora Brown Award 2010

PRESENTATIONS
AND POSTERS

- **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 (*Oryza sativa* L). Soil Science Society of America Meeting. Minneapolis, Minnesota. 2015

TEACHING
APPOINTMENTS

Faculty, Juneau Icefield Research Program: Geobotany and Ecology	2018
Guest Lecture, Evolutionary Processes: Ecology and Evolution	2018
Teaching Assistant, University of Oregon: Ecology and Evolution	2018
Teaching Assistant, University of Oregon: Genetics and Molecular Biology	2018
Teaching Assistant, University of Oregon: Cells	2017
Instructor, Penn State University: Impacts of Changing Hydrology on Ecosystem Services in Glacial Systems	2017
Teaching Assistant, Penn State University: Soil Science	2017