

LAUREN JADE MOHN

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CURRENT APPOINTMENT

- 2019-present **Freelance Ethnobotany Educator**
Philadelphia, PA
- Design and teach newly created course, Plants and People, to undergraduates at Swarthmore College, Swarthmore, PA
 - Create educational outreach programming about food, plants, and culture for undergraduates at the Scott Arboretum of Swarthmore College, Swarthmore, PA
 - Develop and deliver food-based science outreach about biodiversity, in collaboration with Taste of Life Project, Eastern Michigan University, Ypsilanti, MI

PREVIOUS APPOINTMENTS

- 2017-2019 **Project Coordinator, The Farm at Saint Joseph Mercy Health System**
Saint Joseph Mercy Health System, Ann Arbor, MI
- Organized and evaluated programming about food and agriculture at Michigan's first hospital-based farm
 - Developed and provided unique research and internship opportunities for undergraduate and graduate students
 - Delivered place-based educational programming to youth
 - Created interpretive signage to increase accessibility and educational value of farm
 - Practiced four-season organic farming and managed volunteers in collaborative farm maintenance
- 2017 **Visiting Research Scientist**
University of Michigan Matthaei Botanical Gardens and Nichols Arboretum, Ann Arbor, MI
- Developed engagement materials to highlight significance of native plants to Anishinaabe people

EDUCATION

- 2016 **PhD in Botany**
University of Wisconsin-Madison (UW-Madison), Madison, WI
Dissertation: On-farm conservation and diversity of the Andean tuber crop oca (*Oxalis tuberosa*; Oxalidaceae)
Advisor: Eve Emshwiller
- 2007 **BA in Biology with concentration in International Studies, magna cum laude**
Williams College, Williamstown, MA

GRANTS AND AWARDS

- 2019 **Early Career Travel Grant**, Plants, People, Planet Symposium, £800
- 2018 **Terra Madre Salone del Gusto Sponsored Delegate**, Slow Food International
- 2015 **Dissertation Completion Fellowship**, Wisconsin Alumni Research Foundation, \$17,520
- 2015 **EK and ON Allen Fellowship**, UW-Madison Department of Botany, \$8,856.50
- 2014 **Honored Instructor Award**, UW-Madison

- 2014 **Judy Croxdale Award for Women in Science**, UW-Madison Department of Botany, \$1,000
- 2014 **Teaching Fellow Award**, UW-Madison College of Letters and Sciences
- 2013 **Gift-Away Grant**, Returned Peace Corps Volunteers of Wisconsin-Madison, \$600
- 2013 **Judy Croxdale Award for Women in Science**, UW-Madison Department of Botany, \$1,000
- 2013 **Nell Mondy Fellowship**, Sigma Delta Epsilon-Graduate Women in Science, \$9,950
- 2013 **Richard E. Schultes Research Award**, Society for Economic Botany, \$2,500
- 2013 **Ruth Dickie Scholarship**, Sigma Delta Epsilon-Graduate Women in Science, Beta Chapter, \$2,800
- 2013 **Tyron/Croxdale Summer Fellowship**, UW-Madison Department of Botany, \$4,000
- 2013 **Vilas Research Travel Grant**, UW-Madison Graduate School, \$600
- 2012 **Davis Research Grant**, UW-Madison Department of Botany, \$1,500
- 2012 **Honorable Mention**, National Science Foundation Graduate Research Fellowship Program
- 2012 **Nave Research Grant**, UW-Madison Latin American, Caribbean, and Iberian Studies Program, \$1,000
- 2011 **Davis Research Grant**, UW-Madison Department of Botany, \$1,500
- 2011 **Nave Research Grant**, UW-Madison Latin American, Caribbean, and Iberian Studies Program, \$1,600
- 2007 **Henry A. Dwight Class of 1829 Botanical Prize**, Williams College

PUBLICATIONS

- 2019 **Moscoe LJ** and MM Hanes. Taste of Life: science outreach made delicious. *Plants, People, Planet*. 00:1-5. doi: 10.1002/ppp3.42
- 2016 **Moscoe LJ** and E Emshwiller. Farmer perspectives on oca (*Oxalis tuberosa* Molina; Oxalidaceae) diversity conservation: values and threats. *Journal of Ethnobiology*. 36(2). doi: 10.2993/0278-0771-36.2.235.
- 2016 **Moscoe LJ**, R Blas, D Huamán Masi, M Huamán Masi, and E Emshwiller. Genetic basis for folk classification of oca (*Oxalis tuberosa* Molina; Oxalidaceae): implications for research and conservation of clonally propagated crops. *Genetic Resources and Crop Evolution*. 64(5):867-887. doi: 10.1007/s10722-016-0407-y.
- 2015 **Moscoe LJ** and E Emshwiller. Diversity of *Oxalis tuberosa* Molina: a comparison between AFLP and microsatellite markers. *Genetic Resources and Crop Evolution*. 62:335-347. doi: 10.1007/s10722-014-0154-x.
- 2015 Kiefer DS, **LJ Moscoe**, J Buchanan, and C Woodward. The accuracy of plant identification in a longitudinal ethnobotanical project in coastal Ecuador. *Alternative and Integrative Medicine*. 4(1). doi: 10.4172/2327-5162.1000186.

PRESENTATIONS AND POSTERS

- 2019 **Mohn, LJ** and MM Hanes. Taste of Life: science outreach made delicious. Plants, People, Planet Symposium, Richmond, UK.
- 2019 Hanes, MM and **LJ Moscoe**. Taste of Life: science outreach made delicious. Botanical Society of America Annual Meeting, Tucson, AZ.
- 2019 **Moscoe, LJ**. Heritage foods and the Ark of Taste. University of Michigan Anthrac 296: Topics in Archaeology – Local Food Producers, Ann Arbor MI.

- 2018 Emswiller E and **LJ Moscoe**. Indigenous knowledge and molecular data together contribute to the conservation of an Andean crop. Chicago Plant Science Symposium, Chicago, IL.
- 2018 **Moscoe LJ**. Ethnobotany far away and nearby. Master Gardener Association of Wayne County monthly meeting, Belleville, MI.
- 2017 **Moscoe LJ**, R Blas, and E Emswiller. Making research findings relevant and accessible in the communities where we work: our experience creating agrobiodiversity catalogs in the Peruvian Andes. Society of Ethnobiology Annual Meeting, Montreal, QC
- 2017 **Moscoe LJ**. Slow Food's Ark of Taste and the quest to conserve delicious, distinctive, and endangered foods at home and around the world. Washtenaw Master Gardeners Alumni Meeting, Ann Arbor, MI.
- 2015 **Moscoe LJ**, S de Haan, G Burgos, and E Emswiller. The role of crop varietal diversity in food sovereignty: the example of oca (*Oxalis tuberosa*). University of Michigan Food Sovereignty Conference, Ann Arbor, MI.
- 2015 **Moscoe LJ** and E Emswiller. Comparison of approaches to characterizing diversity in oca (*Oxalis tuberosa*): cultural, morphological, and genetic. Society of Ethnobiology Annual Meeting, Santa Barbara, CA.
- 2014 **Moscoe LJ** and E Emswiller. Dissecting factors that affect traditional crop diversity using oca (*Oxalis tuberosa*) as a model. Society for Economic Botany and Society of Ethnobiology Joint Meeting, Cherokee, NC.
- 2013 **Moscoe LJ** and E Emswiller. Comparison between AFLP and microsatellite analyses of oca (*Oxalis tuberosa*). Botanical Society of America Annual Meeting, Saint Louis, MO.

TEACHING AND MENTORING

- 2020-present **Instructor, Plants and People**
Swarthmore College Environmental Studies Program
 Create and teach course for non-science majors about plant/people relationships, in close collaboration with Scott Arboretum of Swarthmore College
- 2017-2019 **Graduate Student Research and Project Mentor**
The Farm at St. Joseph Mercy Health System
 Provided guidance to three students (2 MS and 1 MD) carrying out independent research and projects about hospital-based farms, volunteerism, and land management
- 2014-2015 **Instructor, Plants and Humans**
UW-Madison Department of Botany
 Designed and implemented ethnobotany course for non-science majors (1 semester)
- 2014 **Facilitator, Teaching Assistant Training**
UW-Madison College of Letters and Sciences
 Designed and implemented training session, Using Mindfulness to Cultivate Peaceful Classroom Communities
- 2013-2014 **Undergraduate Research Mentor**
UW-Madison Department of Botany
 Provided guidance to three undergraduates carrying out independent research in areas of ethnobotany and molecular genetics (3 semesters)
- 2011-2014 **Teaching Assistant, Survey of Botany**
UW-Madison Department of Botany
 Developed teaching materials and instructed students during laboratory portion of introductory botany course (4 semesters)

- 2013 **Facilitator, Teaching Assistant Training**
UW-Madison Department of Botany
 Trained incoming graduate student teaching assistants in areas of syllabus development, mentorship, and diversity
- 2011-2013 **Teaching Assistant, Ethnobotany**
UW-Madison Department of Botany
 Provided feedback to students on written work, mentored students in development of term project, and led study sessions in upper level botany course (3 semesters)
- 2010 **Teaching Assistant, Introductory Biology**
UW-Madison Department of Zoology.
 Led small group discussion sessions to reinforce and further explore concepts presented in lecture (1 semester)

RELATED PROFESSIONAL EXPERIENCE

- 2015-2017 **Native Plants Volunteer**
University of Michigan Matthaei Botanical Gardens and Nichols Arboretum
 Tend to gardens featuring native species while learning about ecological restoration
- 2016 **Crew Member**
Brines Farm, Ann Arbor, MI
 Carried out wide variety of tasks on 80-acre farm specializing in agrobiodiversity
- 2014 **Global Program in Genetic Resources Intern**
International Potato Center, Lima, Peru
 Carried out nutritional analyses on Andean tubers
- 2013 **Contract Ethnobotanist**
UW-Madison Department of Family Medicine
 Investigated traditional knowledge about herbal medicine in coastal Ecuador
- 2007-2009 **Sustainable Agriculture and Food Security Facilitator**
United States Peace Corps, Jalapa, Guatemala
 Promoted sustainable agriculture and food security through school- and home-gardens
- 2005-2007 **Farm-to-School-to-Farm Intern**
Williams College Dining Services
 Facilitated communication between local farm and college to guide growth of sustainable partnership

SCIENCE OUTREACH

- 2017-present **Taste of Life Project, Eastern Michigan University**
 Organize community and campus events to teach about connections among food, science, health, and diversity
- 2018 **Issues of The Environment: Slow Food Huron Valley Works to Expand Agrobiodiversity**
 Interviewed on public radio about local initiative to promote diversity in agriculture
- 2016 **Agrobiodiversity Catalogs**
 Created books to share dissertation findings with participating farmers, Cusco, Peru
- 2014 **Latino Earth Partnership**
 Delivered presentation in Spanish about ethnobotany of rain gardens, Madison, WI
- 2011-2014 **Darwin Days**
 Taught community members about crop domestication in context of evolution, Madison, WI

- 2013 **Botanical Society of America, UW-Madison Student Chapter**
Created and presented game to teach undergraduate students about crop domestication
- 2013 **Expanding Your Horizons**
Created and presented game to teach middle school girls about crop domestication, Madison, WI
- 2012 **Science Expeditions**
Created and presented game to teach families about ethnobotany of native plants, Madison, WI
- 2011 **Indigenous North American Ethnobotany Lecture Series**
Co-organized series of lectures and discussions to promote interdisciplinary interactions among faculty and students, with focus on women in science, Madison, WI

COMMUNITY ENGAGEMENT

- 2016-present **Board Member and Volunteer**
Slow Food Huron Valley, Ann Arbor, MI, and Slow Food Philadelphia, Philadelphia, PA
Support ago-culinary diversity through education and celebration, including through community garden highlighting endangered local crop varieties
- 2016-2019 **Committee Member**
Slow Food's Midwest Ark of Taste Committee
Shepherded applicants through process of nominating products to international catalog of distinctive and endangered foods
- 2017 **Co-Organizer**
Jesuit Pear Summit, Monroe, MI
Brought together farmers, academics, and community leaders to develop conservation priorities for endangered population of pears in Michigan and Ontario
- 2012-2015 **Co-Founder**
Living Without Borders Committee on Immigrants and Refugees, Madison, WI
Led oral history project with refugees from Nepal, resulting in illustrated book
- 2011-2015 **Board Member and Volunteer**
Returned Peace Corps Volunteers of Wisconsin-Madison
Organized community events to promote intercultural understanding

SERVICE

- 2017-2019 **Associate Editor**, *Peruvian Journal of Agronomy*
- 2016 **Peer Reviewer**, *Biodiversity and Conservation*
- 2016 **Peer Reviewer**, *Environment, Development, and Sustainability*
- 2014-2015 **Awards Committee**, UW-Madison Department of Botany
- 2011-2014 **Graduate Student Advisory Committee**, UW-Madison Department of Botany
- 2013 **Undergraduate Program Review Committee**, UW-Madison Department of Botany

CONTINUING EDUCATION

- 2019 **Pennsylvania Women's Agricultural Network Symposium**, Temple University, Philadelphia, PA
- 2018 **Terra Madre Salone del Gusto**, Slow Food International, Turin, Italy
- 2018 **American Horticultural Society National Children and Youth Garden Symposium**, Cornell University, Ithaca, NY

- 2018 **EcoJustice and Activism Conference: Practicing Affection in a Culture of Slow Violence**, Eastern Michigan University, Ypsilanti, MI
- 2017 **Great Lakes Stewardship Initiative Place-Based Education Conference**, Eastern Michigan University, Ypsilanti, MI

PROFESSIONAL SKILLS

- Personal:** Energetic enthusiasm; compassionate leadership; strong self-motivation; clear communication
- Languages:** Spanish (professional proficiency)
- Agriculture:** Four-season organic vegetable cultivation
- Design:** Proficient in Adobe Photoshop, Adobe Illustrator, Adobe InDesign
- Analysis:** Proficient in R, GenAIEx, GeneMarker