

KIM M. THOMPSON

Curriculum Vitae

Assistant Professor of Instruction

Ohio University

thompsk3@ohio.edu

EDUCATION

Ph.D., Biology, University of Cincinnati, Department of Biological Sciences 2013
Dissertation: "Biodiversity in Forests of the Ancient Maya Lowlands and Genetic Variation in a Dominant Tree, *Manilkara zapota* (Sapotaceae): Ecological and Anthropogenic Implications."

M.Ed, Secondary Education, Life Sciences, Integrated Sciences. University of Cincinnati 2006
College of Education, Criminal Justice & Human Services

B.A. with Social Work major, Thomas More College, Fort Mitchell, KY

PROFESSIONAL APPOINTMENTS

Ohio University, Department of Environmental and Plant Biology, Athens, OH 2014-present
Assistant Professor of Instruction

University of Cincinnati, Cincinnati, OH 2014
Adjunct Instructor; Field Station Instructor

University of Cincinnati Blue Ash College, Blue Ash, OH 2014
Adjunct Instructor, Biological Sciences

COURSES TAUGHT, College Level

Ohio University (2014-2019)
Botanical Pedagogy
Plants and the Global Environment
Plants and People
Principles of Biology
Women in Science; seated and online courses.

University of Cincinnati (January – August 2014)
Environmental Field Techniques (Undergraduate)
Interdisciplinary Field Experiences (Graduate)
Introductory Biology I and Introductory Biology I lab
Microbiology for Allied Health Professionals, Laboratory Instructor (Adjunct)
Introductory Biology, Summer Bridge Scholars Program (Instructor) Emerging Ethnic Engineers

RECENT GRANTS

- 2019-2021 1804 Endowment Fund, Ohio University. Graduate assistant position, Green Roof Educational Connections at Ohio University. \$43,272.
- 2018-2020 Academic Innovation Accelerator. Ohio University Office of Instructional Innovation. \$256,000. Design, installation, research equipment and staff for new green roof on campus and educational outreach on green infrastructure to a six county region in Southeast Ohio.
- 2019-2020 PepsiCo Zero Impact Fund. Advancing Sustainability at Ohio University with a Green Roof. \$10,000.
- 2019-2020 Program to Aid Career Exploration, Ohio University. Designing a Green Roof Educational Model. Funds an undergraduate position.
- 2019-2020 Program to Aid Career Exploration, Ohio University. Web Forum Designer for Educational Connections. Funds an undergraduate position.
- 2019 Office of Sustainability, Ohio University. Green Roof outreach undergraduate position. \$1,745.97.
- 2018 College of Arts & Sciences, Faculty Learning Communities. Improving Learning Using Effective Writing Assignments in Any Discipline. \$7000.

PUBLICATIONS

- 2018 Showalter, A. and ***Thompson, K.** Biology 1010 Instructor Manual, Van Griner.
- 2017 Showalter, A. and ***Thompson, K.** Biology 1010 Laboratory Manual, fourth edition, Van Griner.
- 2016 Showalter, A. and ***Thompson, K.** Biology 1010 Laboratory Manual, third edition, Van Griner.
*authored all material in revisions; edited or authored all material in Instructor Manual with contributions by teaching assistants.
- 2015 **Thompson, K.**, Culley, T. Zumberger, A., Lentz, D. 2015. Genetic variation and structure in the neotropical tree, Manilkara zapota (L) P. Royen (Sapotaceae) used by the ancient Maya. *Tree Genetics & Genomes* 11: 40-52.
- 2015 **Thompson K.**, Hood A., Cavallero D., Lentz D. 2015. Connecting Contemporary Ecology and Ethnobotany to Ancient Plant Use Practices of the Maya at Tikal. In Tikal and Maya Paleoeecology (eds. Lentz D, Dunning N, Scarborough V). Cambridge University Press.
- 2014 Lentz, D., Dunning, N., Scarborough, V., Magee, K., **Thompson, K.**, Weaver, E., Carr, C., Terry, R., Islebe, G., Tankersley, K., Sierra, L., Jones, J., Buttles, P., Valdez, F. & Hernandez, C. 2014. Forests, fields, and the edge of sustainability at the ancient Maya city of Tikal. *PNAS* 111: 18513- 18518.

- 2014 Lentz D., Lane B., **Thompson K.** 2014. Food, Farming and Forest Management Practices of the Late Classic Maya at Aguateca. In *Life and Politics at the Royal Court of Aguateca: Artifacts, Analytical Data, and Synthesis* (eds. Inomata T, Triadan D). University of Utah Press.
- 2007 **Thompson K.**, Miller MC, Culley TM. 2007 Comparison of plant species richness, diversity, and biomass in Ohio wetlands. *The Ohio Journal of Science* 107(3):2-9.

PRESENTATIONS AND PANELS - SELECTED

- 2018 Resources for STEM Educators and Students at the National Level, Appalachian Ohio Mathematics and Science Teaching Research Symposium, Ohio University - The Patton College of Education, Ohio University, (October 6, 2018).
- 2018 Increasing Learning by Promoting Effective Class Dialogue, Spotlight on Learning, Office of Instructional Innovation, Ohio University (May 3, 2018).
- 2017 The Common Experience Project on Sustainability 2016-2017, invited panelist.
- 2016 New Faculty Welcome, invited panelist (August 15, 2016).
- 2016 Professional Strategies for Women in STEM: Advice for Developing your Career. The Society of Women Engineers, AAUW, Women in Information and Telecommunications Systems, Women in Information Systems, Scripps Diversity Committee, invited panelist.
- 2015 Using Electronic Portfolios in Professional Development for TAs, Faculty Showcase - College of Arts & Sciences (April 28, 2015).
- 2013 Discerning historic impacts on genetic variation and structure in *Manilkara zapota* (Sapotaceae). BOTANY 2013 Conference, Botanical Society of America.
- 2013 Empowerment, Networking and Community Involvement Opportunities. Stay Connected – Network, Collaborate, Explore & Develop, One-Day Symposium. EPA Federal Women’s Program, Women in Science and Engineering, and the Administrative Council for Excellence, Cincinnati, OH. March 6, 2013.

MENTORING

- Faculty Advisor, Plant Biology Graduate Student Association at Ohio University (2014-present).
- Faculty Advisor, Plant Club (undergraduates), Ohio University (2015-present).
- College Credit Plus, Faculty Mentor, Waterford High School (2017-2018)
- University College Learning Community, Guest Speaker, invited by students (2017-2018).
- Minority Association of Pre-Health Students Chapter. “Dining with Professors,” invited guest (October 12, 2017).
- Professional Development for Teaching Assistants – Interdisciplinary (2014-2016)

SERVICE ACTIVITIES - SELECTED

Community Outreach

AAUW Tech Savvy Marketing and Outreach coordinator (2014-Present), annual STEM event for 6th-9th grade girls.

University Science Fair Committee (2015-present). Includes planning for District Science Fair, outreach to regional schools and accompanying students to International Science and Engineering Fair.

Provide activities to local school groups and camps 2014-present) including,

Family Science Nights at Amesville School, Coolville School (2015-2019).

Morrison Gordon Earth Day – full day events

Athens Middle School Field Trips

Camp Oty'okwa, Big Brothers and Sisters

Conservation Events

Annual Invasive Species Monitoring and Removal (2016-2019)

Crane Hollow Preserve, Rockbridge OH – Hemlock Woolly Adelgid Monitoring

Garlic Mustard removal – Strouds Run Park, Athens, OH

National Public Lands Day, conservation event co-organizer with Athens Conservancy (2017).

Other

OHIO Faculty Newsmakers (2016-2019) for media contributions

INTERDISCIPLINARY COLLABORATIONS

Green Roof Project (October 2017 - Present). Organizer and leader of an interdisciplinary team of administrators, faculty and students to establish a green roof educational and research facility on campus and provide outreach models to six regional school districts.

Includes representatives from the College of Arts and Sciences (Department of Environmental and Plant Biology; Department of Geography); Office of Instructional Innovation; Office of Sustainability; Patton College of Education; Russ College of Engineering and Technology (Department of Civil Engineering; Department of Mechanical Engineering; Renaissance Engineers, undergraduate student group); Scripps College of Communications (J. Warren McClure School of Information and Telecommunication Systems; School of Media Arts & Studies); University Planning; Voinovich School (Environmental Studies).

Faculty Learning Community workshop organizer for improving writing across disciplines. Included faculty from Biology, Economics, English, Environmental and Plant Biology, Modern Languages, Psychology.

PROFESSIONAL DEVELOPMENT – SELECTED

Open Educational Resources Initiative Training, Office of Instructional Innovation
(May - November 2018).

Conference: Women’s Leadership Symposium, Columbus, OH, Ohio University and Ohio State
University (June 16, 2018).

Design Studio for Online and Blended Courses, Office of Instructional Innovation (January 8 - 12, 2018).

Teaching with a Global Perspective, College of Arts & Sciences Faculty Learning Community,
(September - December 2017).

Team Based Learning, College of Arts & Sciences, Faculty Learning Community,
(January - March 2017).

Summer Institute for Diversity Education (SIDE), Office for Diversity and Inclusion at Ohio University
(May 19, 2015 - May 22, 2015).

Kanawha Project: Advancing Climate Change Literacy, Ohio University (January - March 2015).

PROFESSIONAL MEMBERSHIPS

Botanical Society of America (2009 - Present).

American Association of University Women (2013 - Present).

National Association of Biology Teachers (2013 - Present).

Association of College and Biology Educators (2019 - Present).