



EDUCATION

Bachelor of Science Environmental Studies
Cornell University

Master of Science
The Ohio State University
Dairy Food Science

Doctor of Philosophy
The Ohio State University
Agri-Science Education

LICENSES & PROFESSIONAL ACCREDITATIONS

AAUP Accredited Professor

MEMBERSHIPS & PROFESSIONAL ACTIVITIES

Ohio Academy of Science, University Affiliate Member
National 4-H Dairy Conference, Educational Program Director
National 4-H Council, Agri-Science Project Consultant

AWARDS & GRANTS

ACEL Department, Distinguished Alumni Award, 2019-20
Monsanto Agricultural Innovators Challenge, 2014-2016
USDA Food Security Grant, Tanzania Aquaculture Project, 2014
Gates Foundation Grant, Sustainable Agriculture in Tanzania, 2013
Noyce Foundation Grant, STEM Literacy for Afterschool Programs, 2012
Nickelodeon Award, National Youth Science Day, Helpful Hydrogels, 2011
United Soybean Board, Agri-Science Literacy in Afterschool, 2010

Robert L Horton, PhD

PROFESSOR, AGRISCIENCE

Horton.2@osu.edu

Professor Horton holds an appointment in the Department of Agri-Science and Extension Outreach in the College of Food, Agricultural and Environmental Sciences at The Ohio State University. He maintains an applied research focus addressing current methodology and best practices in the fields of Agricultural and Food Sciences, Instructional Technology, and Educational Design for in-formal learning environments. He also provides national leadership with respect to the development of experientially based programs that engage individuals in the dynamic process of discovery and exploration in science, engineering and technology. He is known nationally for his leadership with informal STEM learning which includes serving on state and national committees, invited presentations and grant fulfillment.

His current focus of work is to increase consumer understanding and advocacy for eco-friendly agricultural practices through a combination of innovative instruction and improved curriculum design in collaboration with growers, industry personnel, students, teachers, and consumers.

Selected Projects

National 4-H Council & Chicago Mercantile Exchange, Creation & Design, Commodity Carnival Program
USDA Ag in the Classroom, Creation & Design, Acres of Adventure Curriculum
Mid-Ohio Food Bank, Recipe Development – Preparing Non-Traditional Pantry Box Foods
Crave Brothers Farms, WI, Pairing Brevibacterium Cheeses with Gluten Free Cracker Combinations
USAID – Generalizing Aquaponics Technology Applications for Developing Countries
United Soybean Board, Recipe Development – Balancing Soy Additives in Homemade Bread Recipes
United Soybean Board, Recipe Development – George Washington Carver's Bread Recipe for Home Use
Worthington Schools, OH, Milk Consumption Study, Single Serving Bags Versus Cardboard Cartons