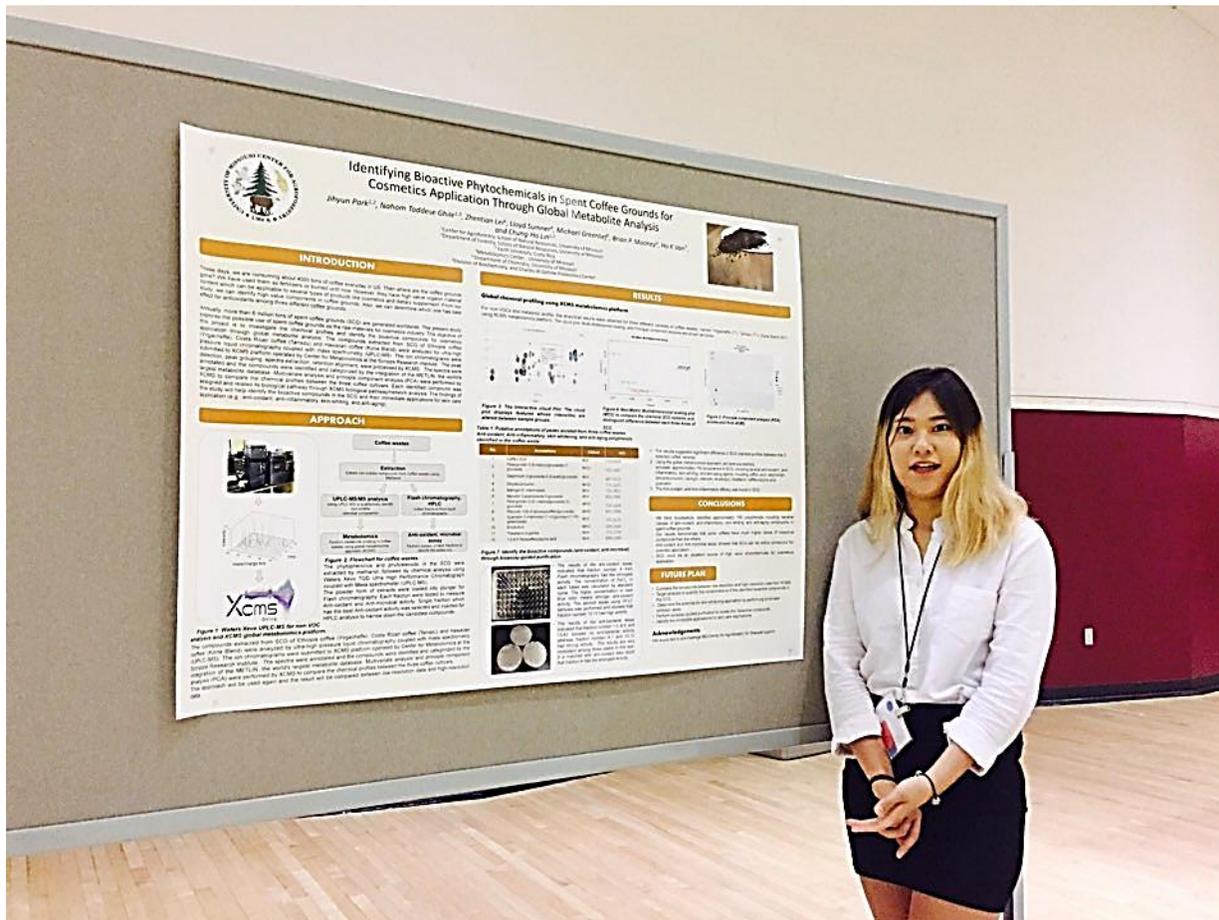




AWARDS and HONORS



Jihyun Park (M.A. Student; **Chung-Ho Lin**, advisor) won the student poster award at the North American Agroforestry Conference held at Virginia Tech University. Project name: Identifying Bioactive Phytochemicals in Spent Coffee Grounds for Cosmetics Application Through Global Metabolite Analysis: Introduction: These days, we are consuming about 4000 tons of coffee every day in US. Then where have the coffee grounds gone? We have used them as fertilizers or burned until now. However, they have high value organic material content which can be applicable to several types of products like cosmetics and dietary supplement. From our study, we can identify high value components in coffee grounds. Also, we can determine which one has best effect for antioxidants among three different coffee grounds. (Photo by Novianus Efrat.)

EVENTS/MEETINGS/ANNOUNCEMENTS

A New Graduate Course: Program Development and Evaluation in Informal Settings.

This project-based and graduate level course focuses on developing environmental education and informal STEM programs and approaches to measure the impact and effectiveness of a program. In the course, we will discover the questions: 1) what does EE and informal STEM education research tell us? 2) What does EE and informal STEM education research look like? 3) What are the important gaps in EE and informal STEM



education research? It is designed for those who will be working in leadership or supervisory capacities to gain skills in conducting needs assessments, designing programs, and conducting formative and summative evaluations of these programs for citizen science, inquiry-based learning, place-based program, students-centered, science outreach program, and nature discovery study programs. We will examine successful proposals funded by NSF as case studies. By completing the course, students will have a ready-to-submit manuscript for *Environmental Education Research* or a proposal for NSF's RFP on Advancing Informal STEM Learning (AISL) program. Prereq: an undergraduate course in environmental education or contact instructor for permission. Course Details: Spring 2018; NAT_R 8001; Section 69036; Time and Space: TBD; Instructor: Christine Jie Li, Ph.D. School of Natural Resources (Submitted by and photo by **Christine Li.**)

This *Weekly Reader* will be distributed electronically every Friday (except during breaks). Please send announcements to Cindy Greenwood, Editor (greenwoodci@missouri.edu) by Thursday @ 5 p.m. If you'd like to unsubscribe from the *Weekly Reader*, please email Cindy. Thanks to Laura Hertel for the *Weekly Reader* Tiger logo.