



Session 5
Friday, July 14
10:00 – 11:30 a.m.

#202 Using Economics to Protect the Environment

This hands-on session will show how economics can protect populations of (candy) fish for people to fish for in the future. You'll also see how economics can solve problems as a math company's "pollution" makes it hard for another company to produce its paper airplanes and fortune tellers.

#301 Magical Milk Lab *

Learn about the different forms, functions, and chemical processes that milk goes through to make the products we consume and enjoy. Make your own ice cream and eat it during class!

#304 Of Pigs and People *

See what your brain has in common with the brain of a favorite farm animal. Test your knowledge by examining real piglet brains, and watch a demonstration of how pigs are used to study neurosciences.

#501 Paper Airplanes and Drones in Ag *

Small unmanned aerial vehicles (sUAV's) may change the way farmers monitor their crops. Learn about ACES research using UAVs for monitoring crops, and get up close with several UAVs. Turn a paper airplane into a tiny smartphone-controlled UAV.

#502 Healthy Soils C.S.I Challenge *

C.S.I. Soil Sleuths will investigate the life and health of soils through assessment tests on a soil sample. Use your results to design and build a 1:64 scale no-till planter. Teams will test their devices attached to a hexbug platform on a tabletop soil test site to measure devices' effectiveness.

#803 Feed the Bees *

Did you know that the U of I Pollinarium is the country's first free-standing science center devoted to flowering plants and their pollinators? Help our pollinators! Make a native-bee house, then suit up and look inside a honey bee hive.

#901 Fun with LEGO Mindstorms Robots! *

Learn how to program LEGO Mindstorms robots and work with them to complete different challenges. Program your robot to pick up various objects and avoid obstacles in its path. No previous experience is necessary.

#902 Build a Better Brain *

Keeping your brain healthy across the lifespan is important! Experience interactive information on contributors to brain health and do fun, engaging brain health activities.

* asterisk = session offered twice