4-H Science Academy Volunteer Training

February 27, 2015
Greensburg, IN (all times Eastern)
Hampton Inn & Suites
2075 N Michigan Ave.
Greensburg, IN 47240

February 28, 2015
Terre Haute, IN (all times Eastern)
Ivy Tech Community College-Wabash Valley
8000 S Education Dr.
Terre Haute, Indiana, 47802

8:30 a.m. Arrive and check in;
9:00 a.m. Welcome – Erika Bonnett, State 4-H Science Specialist
9:15 a.m. Intro to Indiana 4-H Youth Development Science Programming
Vision, Mission, Adult Behavioral Expectations
9:30 a.m. Characteristics of Youth Ages 6-18 “Let’s Start Where They Are”
OR
Experiential Learning
OR
Being a 4-H Science Volunteer/Lessons Learned from Experienced Volunteers
10:15 a.m. Break
10:25 a.m. Experiential Learning
OR
Characteristics of Youth Ages 6-18 “Let’s Start Where They Are”
OR
Being a 4-H Science Volunteer/Lessons Learned from Experienced Volunteers
11:10 Break
11:20 Experiential Learning
OR
Characteristics of Youth Ages 6-18 “Let’s Start Where They Are”
OR
Being a 4-H Science Volunteer/Lessons Learned from Experienced Volunteers
12:05 p.m. Lunch
1:00-4:00 Choose up to two sessions to attend:

Robotics
Basic 4-H Robotics (Session 1 Only)
Don’t let starting a 4-H Robotics program intimidate you! Learn about how to start, create, and develop a 4-H Robotics programs through using multiple resources such as Junk Drawer Robotics, Lego Robotics, and others. Get hands on experiences with both Lego Robotics and Junk Drawer robotics concepts, as well as learn about how others started their clubs and opportunities.

Advanced Robotics (Session 2 Only)
So now you have a 4-H Robotics program, so what’s next? Adventure down the road with our experts as we talk about taking 4-H robotics to the next level through challenges, tasks, and much more. Learn about how to use other 4-H projects, community resources, and other opportunities to continue to grow life skills in youth. Also learn from others as we talk about what works, and what doesn’t work!
Animal Science
Ever wonder how biotechnology is used in animal production? Did you realize that products and functions in animals are very similar to humans? Come learn through hands-on experiential learning activities designed for you to implement with the youth you will serve about one of those products and its importance. And because of how this enzyme is produced, DNA and genetic engineering are also important in animal production. You will leave with resources to implement these hands-on activities with youth in your counties!

Natural Resources
Learn how to use your county’s new Indiana 4-H Natural Resource Club kit. The kit is designed to assist 4-H volunteers interested in introducing youth to the world around them through the study of natural resource topics. Eight 4-H project areas are included: beekeeping, entomology, forestry, geology, soil and water conservation, sportfishing, weather, and wildlife. The kit is geared towards introductory activities (primarily targeted to youth in grades 3 & 4). While volunteers do not need to be knowledgeable in any of these subject matter areas, an ability to plan and organize is beneficial.

Food Science: Making Food Fun!
Food science is the study of the physical, chemical and biological make up of food. During this session, you will participate in FUN, hands-on activities that explain some of the science behind the foods you eat every day. You will leave with a packet of experiments that can easily be replicated in your 4-H clubs and activities.

4:00 p.m. Adjourn

Hotel Accommodations:
Hotel accommodations will be available for the night before for those who request them. All requests for hotel accommodations must be made by January 21, 2015. No accommodations can be granted after this date. To request a room please return your registration form. We will work with the hotel to reserve your room (you do not need to call the hotel for reservations).

Hotels:
February 26 (for February 27th training)
Hampton Inn & Suites
2075 N Michigan Ave
Greensburg, IN 47240

February 27 (for February 28th training)
Holiday Inn Terre Haute
3300 Us Hwy 41 South
Terre Haute, IN 47802