Join Us!

Rutgers Cooperative Extension 4-H Youth Development Program is proud to offer an engaging, inquiry based, and fun STEM training program designed specifically for those interested in working with youth (grades 1st - 8th) in out of school environments.

Training courses include:

**Exercise Science:** Exercise science is the study of the science of the human movement. In this session we will learn how to help kids live healthier lives through exercise, rehabilitation, and nutrition.

**Computer Science:** In this session we will nurture problem-solving skills, logic and creativity using a combination of on- and off-line computer games and exciting tools like Finch robots and Makey-Makey. Help kids build a foundation for success in 21st-century careers. 
*Note: This track requires additional purchase of materials.*

**LEGO®Robotics:** In this session we will learn the construction and programming needed to complete a robotics challenge. Find out what opportunities are available to better enable you to prepare youth for STEM careers. 
*Note: This track requires you to own (or purchase prior to the first session) a LEGO® NXT or EV3 Robotics kit.*

**Outdoor Spaces:** Is nature deficit disorder damaging America’s children? In this session we will explore simple teaching techniques to help bring meaningful outdoor experiences to young people.

**Training Dates**

- Part 1- October 1, 2015
- Part 2- January 15, 2016
- Part 3- April 5, 2016

@ Rutgers University Cook Campus Center, Biel Road, New Brunswick, NJ

**You need to attend all three dates to complete the training.**
### Features of our program

- **Activity/inquiry-based program** that stresses critical thinking
- **Focuses on computer science, robotics, exercise physiology, and environmental science content areas**
- **Combines content with up-to-date pedagogy**

### As a 4-H STEM Volunteer your contributions will be to help young people:

- Explore their interest in STEM
- See the relevance of science in their everyday life
- Increase their understanding of scientific principles and concepts
- You will be a role model and mentor in STEM for young people!

### Register Today

Cost is $300 for all three sessions
Cost discount for 4-H volunteers $225
Deadline for registration is September 23, 2015. Please register online at: [https://rutgers.qualtrics.com/SE/?SID=SV_0w90kUTKxZzxIAB](https://rutgers.qualtrics.com/SE/?SID=SV_0w90kUTKxZzxIAB)

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