



# ROBOTICS AND PROGRAMMING WORKSHOPS TO STIMULATE CHILDREN'S INTEREST IN STEM



## CONTACT

**M. JUDITH RADIN**  
PROFESSOR  
COLLEGE OF VETERINARY MEDICINE  
RADIN.1@OSU.EDU  
[HTTP://WWW.COUGARROBOT.COM](http://www.cougarrobot.com)



## Purpose

FIRST is an organization that promotes robotics competitions to stimulate children's interest in math and science. Many teams competing in this program are based in elementary and middle schools and available teachers/mentors often have very limited programming experience, which can result in frustration for both students and mentors. As one of the coaches of a successful robotics team, Dr. Radin helped design an 8-hour interactive programming workshop for elementary and middle school students and mentors.

## Impact

Dr. Radin has partnered with community organizations to provide facilities, advertising, registration, and funding so that workshops can be provided without cost to teams.

Dr. Radin's team has taught these workshops for 4 years, reaching over 1500 elementary and middle school children and their adult mentors. Participants come from Ohio as well as neighboring states of Michigan, Pennsylvania, Indiana and Kentucky.

OHIO STATE COLLEGES/UNITS INVOLVED  
COLLEGE OF VETERINARY MEDICINE  
DEPARTMENT OF VETERINARY  
BIOSCIENCES

COMMUNITY PARTNERS INVOLVED  
STARBASE - WRIGHT PATTERSON AIR  
FORCE BASE OUTREACH  
ISPACE CINCINNATI  
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