Who we are...
Some undergraduates at Duke are taking a class that investigates the effectiveness of robotics as a teaching tool. These students who are interested in teaching (mentors) will work with teams of 2-4 middle and high school students in the Duke/Durham Public Schools Robotics Program. The purpose of the program is to foster interest and competence in science, mathematics, and computing, while developing problem-solving skills, enabling creative thinking and design, and providing a domain for application of mathematical concepts. Once a week after school at DSA, teams of students will design, build, program, and evaluate robots to complete a variety of progressively more challenging tasks.

What we need...
We are looking for DPS math and science teachers to act as advisors for participating students. Advisors are asked to disseminate information to students and be a point of contact at a school. More than one teacher may represent each school, and all active teachers will be eligible for an honorarium as well as a LEGO MINDSTORMS NXT kit.

Why you should be interested...
- We think that the mentors will help your students learn that computing, math, science, and engineering are fun.
- Students have the opportunity to qualify for international competitions.
- In addition to helping provide a much-needed service to our students, advisors are invited to specialized workshops for programming and building the robots. These workshops have helped past advisors start robotics programs of their own!

Save the date!
August 3: Meeting for interested teachers at Duke. Contact Brook Osborne for more details.
September 17: Student application deadline
September 20: Teacher workshop for team advisors at Duke, 4:30-7:30pm
September 27: Teacher recommendation deadline
October 1: Notifications sent out to students
October 9: Saturday workshop @ Duke for all accepted participants and parents
October 14 – November 18: Program will be held each Thursday, 4:00 – 5:30pm at DSA.
November 20: Fall exhibition
February 17 – March 31: Program will be held each Thursday (excluding March 10), 4:00 – 5:30pm at DSA.
April 2: RoboCupJunior Spring Regional at Duke University

Contact:
Program Manager: Ms. Brook Osborne, rbo@duke.edu, 919-660-4001
Program Director: Dr. Jeff Forbes, forbes@cs.duke.edu, 919-660-6550

Check us out online at http://www.cs.duke.edu/robocup