

# MOE Team 365 – FIRST Robotics

Celebrating 110 years of Field Engineering by mentoring some of Wilmington's brightest high school students in an international robotics sports competition!

## FIRST Robotics Competition

- All FIRST teams have 6-7 weeks to build a robot to play a sports game
- Game announced in early January
- Robot build is a real-time engineering project
- Students work side-by-side with practicing engineers and professionals
- Teams receive motors, sensors, control system and must build a robot structure which meets all rule requirements



<http://www.youtube.com/user/FRCTeamsGlobal>

## World Championship

- MOE qualifies to attend every year due because our team won the top award in FIRST – The Chairman's Award
- World Championship will be held in St Louis, MO on April 25-27, 2013



<http://www.youtube.com/watch?v=wa5MGEZNrf0>

## MOE FRC High School Robotics Team

Also known as "The Miracle Workers"

- Part of "First State Robotics" 501(c)(3) educational non-profit
- Known by "MOE" which stands for "Miracle of Engineering"
- Main sponsor is **DuPont**; next major sponsor is **Boeing**
- Made up of students in 10-12 grades from any local high school
- Assigned a permanent team number by FIRST → **365**

2012 Robot



FE Mentors	Years	Field?
Jia "Chow" He	2012-2013	FE
Andrew Jarvis	2012-2013	FE
Andrew Muhic	2013	FE
Joshua Popp	2013	FE
Essence Yung	2013	FE
Adam Salup	2011	FE
Irene Fong	2003-2006	FE
Marie Kneidler	2006	FE
Mary Fassnacht	2000-2002	FE
Ian Bickford	2001	FE
Amit Pal	2001	FE
Jennifer Evans	2001	FE
Michael Lentz	2001	FE
John Larock	2000-2013	former FE
John Wilkens	200X-2013	former SS

> 13 years of Field Engineering support for MOE!