

## Sponsors



Anthony and Virginia Meoli

The Park School of Baltimore



“Engineering is as much a fruit of creativity as art or music.”  
-Larry Albert, Lead Engineer, Team 1719



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Team 1719



*“FIRST is a realistic representation of the real engineering world where a team of engineers are working under a deadline and under budget constrictions.”*

-David Schneider, Team President



*“For Inspiration and Recognition  
of Science and Technology”*

## ABOUT OUR TEAM

Team 1719 has 7 members from The Park School of Baltimore, 6 members from the Science and Mathematics Academy of Aberdeen High School, one member from Loyola High School, and one member from Hereford Middle School. Numerous engineers have volunteered countless hours to help us.

Team 1719 founded and mentors the FIRST Lego League team of the Middle School of the Park School of Baltimore. The Team has plans for various community service projects.

## TEAM BACKGROUND

The 2006 season is the rookie year for The Umbrella Corporation. Founded in 2005 by David Schneider and the 2003-2005 robotics team at the Park School of Baltimore, the FIRST Robotics team 1719 is an outgrowth of the Robotics and Engineering Club.

These founding members competed in the Baltimore Museum of Industry Robot Challenge, winning awards for Most Creative Robot and Best Project Management. When they attended a FIRST regional competition in 2005, the team agreed that participation in FIRST was their goal for 2006.

In the fall of 2005, The Park School opened its doors to students from other schools that do not have their own FIRST program, thereby expanding the team and giving a broader community the opportunity to participate in this unique program.

## IN THE NEWS

Team 1719 is featured in the March 12, 2006 issue of the Baltimore Sun.



*"FIRST inspires us to do things that we couldn't normally do." -Paul Dagnelie*

## OUR ROBOT

Our robot is designed to harvest and shoot balls into the low corner goals. It features a roller-mechanism used to collect balls on the ground. It has both offensive and defensive capabilities. Simulations during the design phase using a team-constructed game board demonstrated that the strategy of aiming for the low goals would ultimately score more points than high-goal shooting, since three times as many balls were likely to score. The strategy was to design a mechanism that could be implemented such that a rookie team could be a reliable asset to an alliance.



## TEAM GOALS

- To inspire interest in math, science, and technology
- To provide hands-on experience in engineering
- To incorporate the principles of FIRST in all that we do
- To spread the message of FIRST in our team, schools, and communities
- To grow as people and develop leadership skills
- To promote problem-solving, creativity, and analytical thinking
- To develop teamwork and life skills
- To provide students with positive role models
- To practice gracious professionalism at all times
- To communicate, cooperate, and foster relationships with other FIRST teams
- To give the opportunity of FIRST to students from other schools
- To support and mentor our FLL (FIRST Lego League) team
- To maintain high standards of safety
- To promote community service

## TEAM MOTTO

"Ne dam se"

"Never give up"

