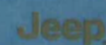
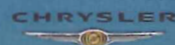


imagine the potential

2007 Annual Report

The Chrysler Foundation





2007-2008

The Chrysler Foundation



# Robofest motivates young minds to master the machine. And besides: 'It's cool'

The organizers of Robofest emphasize that theirs is a competition of autonomous robots, programmed to act independently without being controlled remotely. The same might be said of the young human competitors; they most certainly act independently, which is both the difference and the advantage of Robofest.

Originated in 2000 at Lawrence Technological University (LTU), in Southfield, Mich., Robofest encourages students in grades 5-12 to have fun while motivating their interest in science, technology, engineering and math (STEM). Teams in junior and senior divisions design, build and program their robots to compete in categories such as RoboSumo (push the other robot out of the ring), Robosavers (students demonstrate what the robots can do in a real-world situation) and RoboFashion Show (two robots show off their costumes and cool moves—sort of a "Dancing with the StarBots").

It is one of the world's first autonomous robot contests for grades 5-12 in which the dimension and conditions of the playing field change; part of the "mission" is not revealed until the day's competition begins. Adult coaches are not allowed to assist during the events.

The applications for autonomous robots are far-reaching, explains Robofest director, LTU Associate Professor CJ Chung: "Autonomous robots can perform dull, dirty and dangerous jobs such as mowing, vacuum cleaning and destroying land mines, all more accurately and without a human's constant attention. Additionally, autonomous robots are a must for future space missions, considering the hazards for humans and the extended time it takes to reach the new frontiers."

An estimated 2,000 students and volunteers from North America, Europe and Asia participated in Robofest 2008, with The Chrysler Foundation as a Platinum Sponsor.

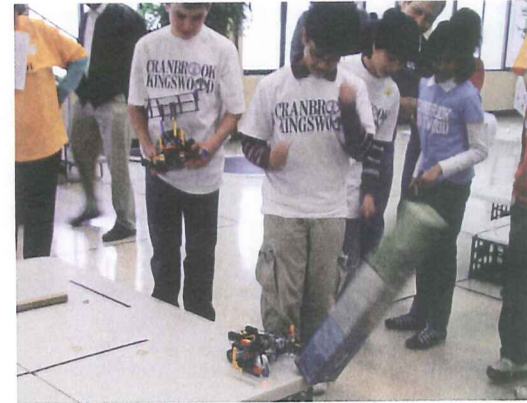
After some three-dozen qualifying rounds, the World Championship was held at LTU April 26.

Prof. Chung expressed with pride the practical benefits of Robofest: "Students learn STEM topics, develop critical thinking and creativity, and learn how to work together as a team," he said.

At the same time, a middle-schooler named Kyle had his own view of Robofest, expressed just as articulately: "I think it's cool."

For more information, go to: [www.robofest.net](http://www.robofest.net).

*In real-world applications, autonomous robots can perform 'dull, dirty and dangerous jobs,' according to Robofest director CJ Chung.*





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## The Chrysler Foundation



Competition Projects  
Aid to Higher Education Program: Society of Women Engineers Scholarships  
Aid to Higher Education Program: SHPE Puerto Rico Leadership Conference

University of Texas Foundation, Inc.  
Aid to Higher Education Program: Chrysler Engineering Diversity Scholarships  
Aid to Higher Education Program: Supply Chain Management Consortium and Scholarships

Utica Community Schools  
WPC Museum Program

Von Steuben Elementary  
WPC Museum Program

Waldon Middle School

WPC Museum Program  
Waldon Middle School  
WPC Closing the Technology Gap in Education Awards

Walsh College of Accountancy and Business Administration  
Aid to Higher Education: Chrysler Scholarship Fund  
Capital Campaign: Jeffery W. Barry Center Renovation and Expansion

Wayne State University  
Aid to Higher Education Program: College of Engineering  
Aid to Higher Education Program: College of Business and College of Liberal Arts & Sciences Scholarships and Programs  
Aid to Higher Education Program: Chrysler Business Leadership Scholarships

Weber State University  
College Automotive Program

Western School Corp.  
FIRST Robotics Team Sponsorship

William Grace Elementary  
WPC Museum Program

Woodcreek Science, Math and Engineering Magnet School  
WPC Closing the Technology Gap in Education Awards