

Support the UC Robotics Team in 2010

Your contribution is greatly appreciated.

Yes, I would like to support the UC Robotics Team.

Enclosed is a gift of: \$_____, or
I wish to make a pledge in the amount of
\$_____. Multi-payment schedules can be
applied to gifts of \$2,000 or more (2-5 years).

Please make your gift payable by check/credit card to:

UC Foundation Urban Challenge Fund

Send to:

**UC Engineering Robotics Team
University of Cincinnati
College of Engineering Development Office
P.O. Box 210018
Cincinnati, OH 45221-0018**

Visa, MC, Discover, American Exp. accepted

Credit Card # Exp. Date

Name (please print)

Signature

Address

City

State Zip

Telephone

Fax

E-mail

On-line giving: Please log on to <http://www.giveto.uc.edu/>,
and specify that gift is for the Urban Challenge Fund.



Questions or for more information contact:
Dr. Ernie Hall
Ernie.hall@uc.edu

Visit our website at www.robotics.uc.edu to gain insight into our design strategy, to explore our utilization of current technologies, and to follow our research and development of future technologies.



Help the UC Robotics Team Win the IGVC and ION Competitions in 2010

*The 18th Annual
Intelligent Ground Vehicle Competition (IGVC)
Oakland University - Rochester, MI
June 4 - 7, 2010
www.igvc.org*

*The 7th Annual ION Robot Lawn Mower Competition
June 3-5, 2010
Beavercreek, OH
www.AutoMow.com*

**WE THANK YOU
FOR YOUR SUPPORT**

The IGVC and ION Competitions...

To compete in the IGVC, student teams must design and construct a mobile robot capable of autonomously navigating a series of obstacle courses using state-of-the-art machine vision, laser scanners, Global Positioning System (GPS), and artificial intelligence. The IGVC sponsors believe that the development of future engineers, scientists, and leaders in these disciplines is crucial to continue global academic and industrial competitiveness.

Building on our past success, we hope to win this year's competition, which is of the highest caliber and has included such teams as Virginia Tech, Ohio State University, and the University of Michigan along with international teams from Japan and Canada.

Our needs this year...

This year, our team is in need of funding in three main areas.

- We especially need money for travel expenses and IGVC registration fees.
- Components for the IGVC and ION robots, the Bearcat Jeep, and the Scooter such as motion controllers, motors and sensors to increase our effectiveness in navigating obstacles.
- Finally, we need to improve the 3D line following and GPS navigation capabilities of our robots. These critical hardware additions will allow us to remain competitive with other teams.

The Urban Challenge Fund...

Thanks to our faculty advisor, Dr. Ernie Hall, we have a great start to our fundraising efforts. You may have heard that Dr. Hall entered the "Made in Express" contest sponsored by Microsoft in 2007 and won the grand prize of \$10,000! Because of his dedication to the team and to teaching the field of robotics, he used his winnings to establish the **Urban Challenge Fund** to support the activities of the Robotics Center, and specifically, the team's efforts in the robot competitions and other projects. Currently the emphasis is on *Aids for Mobility for the Elderly and Handicapped*.



Jacqueline Russell, Dr. Hall, Mark Jewett and Dean Montemagno with the Made in Express \$10,000 check that established the Urban Challenge Fund at UC.

Dr. Hall's Challenge...

Dr. Hall entered the contest with two goals in mind—raise money to support our team, and demonstrate to us that anything is possible—"We can all be winners." He did give us one challenge...that if he can win \$10,000, we can win the Urban Challenge!

You can help...

We need your help to meet this challenge and make our goal of placing first in both the IGVC and ION Robot Lawn Mower competitions a reality. We are asking you to please consider supporting the UC Robotics Team with an outright or sponsorship gift to help us with this year's competitions.

Suggested levels of sponsorship are:

\$500.....Bronze Level
\$1,000.....Silver Level
\$2,000.....Gold Level
\$5,000.....Platinum Level
\$10,000+....Iridium Level

In return for your sponsorship:

- Corporate sponsor names/logos will be displayed on the robotic vehicles, team T-shirts, and at our event booths.
- Corporate logos and individuals' names will be included on the UC Center for Robotics website, www.robotics.uc.edu, Corporate logos will be linked to corporate homepages.
- Donated parts or equipment will be continuously advertised as the robots compete openly and are often displayed at industrial and university functions.
- Sponsors at the Silver+ levels will be recognized in the University of Cincinnati Charles McMicken Society and College of Engineering Baldwin Society and receive benefits such as library and parking privileges.