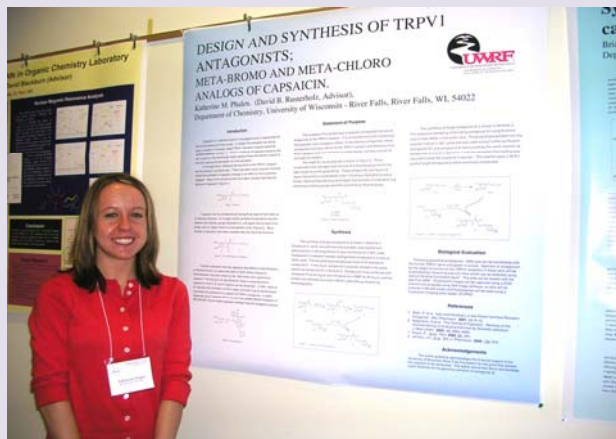


## Annual Meeting and Winchell Undergraduate Symposium



2006 saw the return of the MN Academy of Science's Annual Meeting, Winchell Undergraduate Symposium and Journal of the Minnesota Academy of Science. This year's Winchell Symposium was held at Macalester College. Over 100 undergraduate papers and posters were presented.

Macalester Alum **Dr. Maura Donovan** (Senior Director of Biosciences R&D, Medtronic and Program Director-Research, MG Biotherapeutics) gave the keynote address, discussing the future of science and medicine, combining aspects of research, clinical application and marketing.

Thank you to Wayne Wolsey and his volunteer group who put together a great event.

And special thanks to Macalester for all of their support before and during the symposium. Next year's location and data will be announced soon - watch the MAS website for details.

## Science Olympiad

The Minnesota Science Olympiad is a program devoted to improving the quality of science education, increasing student interest in science, and providing recognition for outstanding achievement.

Team competition is patterned after track tournaments with challenging and motivational events ranging from earth science through physics. Events range from hands-on labs to student-built machines; from outdoor events to paper and pencil tests. There is also a balance between events requiring scientific knowledge and understanding, and others requiring process and application skills. Although some events require an individual from one team to compete against other individuals from other schools, most events require teamwork, group planning, and cooperation. The emphasis is on learning, participation, interaction, having fun and team spirit.

Congratulations to **Delano** for their grand performance at the 2006 National Science Olympiad at Indiana University. Delano (representing all Minnesota) topped Wisconsin, Iowa and the Dakotas! The team scored in the top twenty nationally in Water Quality, Science of Fitness, Food Science, Experimental Design, Disease Detectives, Balloon Race, and Awesome Aquifer. Great job Delano!

## Research and Engineering Apprenticeship Program

Each year the Academy supports two high school students in research settings, giving them an opportunity to work with professional scientists on original research. The Research Engineering Apprenticeship Program (REAP) provides an opportunity to work in a research environment. These apprenticeships are designed to expand the students' background and understanding of scientific research, while motivating them toward a research career in science mathematics or technology. The REAP scholars present their research at the Junior Science and Humanities Symposium the following year. The 2006 REAP awards were given to **Darcy Mundahl** from Winona and **Xin Zhang** from Rochester.