

Message from Celia Waldock, Executive Director

As I write this message, I am winging off to Colorado Springs chaperoning six high school students who won the opportunity at our recent North Central Regional Junior Science & Humanities Symposium (JSHS) to compete at the National Symposium. JSHS and the National Symposium are sponsored by the United States Military. High school students compete at regional science fairs, are chosen to progress to our state JSHS and then compete for the opportunity to progress to National. They present papers on the results of their research projects to a panel of scientific judges.

In 2008, at National Symposium, outstanding Minnesota students won top awards. Stephen Trettel, a senior at New Prague High School, took first place in Mathematics winning a \$16,000 scholarship to his college of choice with his project: *Propellantless Propulsion: Designing a Voltage Dependant Directional Control System for Asymmetrical Capacitors*. Kate Weegman, a senior at Winona Senior High School, Winona, took third place in Engineering winning a \$2,000 scholarship to the college of her choice with her project: *Reducing Lawn Mower Emissions Using E-85 Phase 3: A Catalyst for Change*.



This is only one of many programs offered by the MN Academy of Science (MAS) in our mission to recognize, promote and influence excellence in science. I had the pleasure of attending Minnesota Technical Symposium (MinnTS) in March since MAS just became a co-sponsor of the event with several other organizations. See the article in this newsletter about the 35W bridge topic at that Symposium. The speakers were excellent!

We wrapped up our spring event calendar with our Annual Meeting/Winchell Symposium for undergraduate research papers and posters. See also, the other articles in this newsletter about that event.

The Minnesota Academy of Science is currently sponsoring many excellent programs and there are many exciting new activities on the horizon. We invite you to join us as a member. Become more involved in the Academy. There are many ways to volunteer: E-journal committee, board member, e-newsletter committee, event volunteer, to name but a few.

I hope to see you in the future.

Celia Waldock
Executive Director

Student (K-Graduate) \$25

- MAS newsletter
- MAS Journal

Adult \$40

- MAS newsletter
- MAS Journal

Teacher/Professional \$50

- MAS newsletter
- MAS Journal
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