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MISSION AND PROGRAMS OF THE MINNESOTA ACADEMY OF SCIENCE

The mission of the Minnesota Academy of Science is to recognize, promote and influence excellence in science. Our goals are: 1) to be inclusionary; programs are open to all qualified participants, 2) to promote excellence, 3) to be fair and ethical, and, 4) to provide leadership in the scientific community.

ANNUAL MEETING

The Annual Meeting of the Academy provides the opportunity for individuals involved in science in Minnesota to meet their colleagues and to hear or present the results of research with a regional emphasis. The meeting location is rotated throughout the state.

WINCHELL UNDERGRADUATE RESEARCH SYMPOSIUM

Awards are given to the best undergraduate research papers presented at the Minnesota Academy of Science Annual meeting.

JOURNAL OF THE MINNESOTA ACADEMY OF SCIENCE

This publication features research in all scientific disciplines and reports on statewide and regional academic and industry activities.

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### STATE SCIENCE & ENGINEERING FAIR

From thousands of participants in nine regions across the state, 450 are selected to present their projects at the Minnesota Academy of Science State Science & Engineering Fair, which is held in the Twin Cities each year. At the fair, dozens of organizations and businesses present scholarships and awards to students with outstanding projects and research papers. Top students receive expense-paid trips to compete at the International Science and Engineering Fair in May of each year.

### JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM

At this Symposium, high school students from Minnesota present the results of their scientific research in a formal presentation to over 100 students, teachers and judges. The five top research paper presenters receive an expense paid trip to the National Junior Science and Humanities Symposium, an additional two students win a trip to the American Junior Academy of Science event.

### RESEARCH AND ENGINEERING APPRENTICESHIP

The Academy coordinates the placement of two students in a college/university so that they may conduct scientific research. Both the student and at the host receive a stipend.

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SCIENCE BOWL

Four-person teams from middle schools and high schools in Minnesota compete in a College Quiz Bowl format. The questions for this event are from all fields of science and math. The winning team receives an expense paid trip to compete at the National Science Bowl sponsored by the U.S. Department of Energy.