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EXHIBITS AT THE INTERNATIONAL Science and Engineering Fair (ISEF) when the world meeting of young scientists is held in St. Paul, Minnesota, in 1980, can be expected to resemble the above photo, taken at a previous fair. The Minnesota Academy of Science is to be official host for next year's session.

## Academy Names 11 Captains for ISEF Judging Teams

With barely eight months lead time until the 1980 International Science and Engineering Fair, a second call for volunteer judges has been issued by the Minnesota Academy of Science as host for the event in St. Paul, May 4-10 next year.

Approximately 250 scientists and engineers holding Ph.D. or other advanced degrees are needed from the host area, according to Professors Wayne Wolsey of Macalester College and Larry Conroy of the University of Minnesota, co-chairs of the committee responsible for the judging cadre. The local area judges will join an equal number from other regions to evaluate competitive exhibit project and interview the students. Wolsey and Conroy said volunteers should be willing to devote at least one full day during the period of the fair to judging.

Judges, who in the past have come not only from universities and colleges but also from industry, government agencies or research institutions, will be assigned to teams in their respective technical and social science disciplines. Prospective volunteers may contact Woolsey, Conroy or the following persons who have been designated as captains of the judging categories.

A leader to recruit judges for the medical-health exhibits will be named by the University of Minnesota medical school.

### BEHAVIORAL and SOCIAL SCIENCES

Dr. Raymond Johnson, Macalester College, St. Paul, MN. 55105

### BIOCHEMISTRY

Dr. U.S. Seal, Biochemistry Department, U.S. Veterans Hospital, Minneapolis, MN. 55417

### BOTANY

Albert Frenk, Botany Department, University of Minnesota, Minneapolis, MN. 55455.

### CHEMISTRY

Dr. Earl Alton, Augsburg College, Minneapolis, MN. 55454

### EARTH and SPACE SCIENCE

Dr. Robert Sloan, Geology Department, University of Minnesota, Minneapolis, MN. 55455.

### ENGINEERING

Curtis Motchenbacher, Honeywell, Inc., Hopkins Plant, 600 Second St. N.E., Hopkins, MN. 55343.

### MATHEMATICS and COMPUTER SCIENCE

Dr. Joseph Konhauser, Macalester College, St. Paul, MN. 55105

### MICROBIOLOGY

Dr. James F. Drake, 3M Company, Bldg. 53, 3M Center, St. Paul, MN. 55101

### PHYSICS

Dr. Richard Pontinen, Hamline University, St. Paul, MN. 55104

### ZOOLOGY

David M. Noetzel, Entomology Department, University of Minnesota, St. Paul, MN. 55108

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**ON THE COVER:** Controlled fires were significant steps in the process of restoring native prairie vegetation on experimental plots in southeastern Minnesota. The restoration program and discussion of the observed effects of controlled burning are detailed in the article by Lee W. Eberley and Keith H. Dueholm appearing on page 8.

The Minnesota Academy of Science does not take a stand on issues which may be discussed in articles published in the *Journal*. Readers should bear in mind that views expressed in these articles are strictly those of the authors.