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## 105th Session Iowa Academy of Science Awards Luncheon, April 23, 1993

Iowa Academy of Science

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## AWARDS LUNCHEON

105th Session  
Iowa Academy of Science  
Luther College  
April 23, 1993



### PROGRAM

#### Served Luncheon

Introduction of Head Table

William Deskin  
President, Iowa Academy of Science

Recognition of students participating  
in various statewide  
science activities

Larry Schwinger  
Chair, Student Programs Committee

Presentation of scholarship winners  
and 1994 AJAS representatives

Peggy Tilgner  
Wartburg College, Waverly

Presentation of Excellence in Science  
Teaching Awards

Roy Unruh  
Director, ESTA Program

The Iowa Academy of Science commends all those individuals, institutions, and agencies that have sponsored activities in science for high school students. The importance of identifying and encouraging students with science interest and talent cannot be over-emphasized at a time when the future calls for more and more scientists and engineers to solve the problems of a technological society.

It is likely that our list is incomplete. The following activities have to some degree been identified with the Iowa Junior Academy of Science specifically or more generally with the Iowa Academy of Science. Those activities not so identified are equally important and their possible omission here is not to be construed otherwise.

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## **IOWA ACADEMY OF SCIENCE SECONDARY STUDENT "INVITED PAPERS"**

Seth Christensen, Nishna Valley Jr-Sr High School, Hastings

Andrea Clark, Algona High School

Byron Formwalt, Waverly-Shell Rock Senior High School

Jamie Harding, West High School, Davenport

Nathan Holmes, West High School, Davenport

Lily Kim, Bettendorf High School

Christine Micheel, Marshalltown High School

Marie Peleck, Marshalltown High School

Nicole Rascon, Davenport North High School

Sarah Renze, Marshalltown High School

Sara Rohdy, Central High School, Donnellson

Cameron Schmitt, Stuart-Menlo High School

John Spies, Valley Community High School, Elgin

Karin Wilhelm, Stuart-Menlo High School

Winston Yang, Central High School, Davenport

## **IOWA ACADEMY OF SCIENCE**

### **OUTSTANDING SCIENCE STUDENT MEDALS**

(Sponsored by The Rolscreen Company, Pella, Iowa)

Medals will be presented to 97 outstanding high school science students

## **EASTERN IOWA SCIENCE AND ENGINEERING FAIR**

Christine Micheel, Marshalltown High School

Sarah Renze, Marshalltown High School

## **GREATER QUAD CITY METROPOLITAN AREA SCIENCE AND ENGINEERING FAIR AND SYMPOSIUM (QCSEF)**

Jamie Harding, West High School, Davenport

Nathan Holmes, West High School, Davenport

Nicole Rascon, North High School, Davenport

Winston Yang, Central High School, Davenport

## **HAWKEYE SCIENCE FAIR**

Seth Christensen, Nishna Valley High School, Hastings  
Andrea Clark, Algona High School  
Sara Rohdy, Central Lee High School, Donnellson  
Karin Wilhelm, Stuart-Menlo High school

## **IOWA SCIENCE TALENT SEARCH**

Byron Formwalt, Waverly-Shell Rock High School

## **NORTHEAST IOWA SCIENCE AND ENGINEERING FAIR**

John Spies, Valley Community High School, Elgin

## **SOUTH CENTRAL SCIENCE AND ENGINEERING FAIR**

Andrea Clark, Algona High School  
Cameron Schmitt, Stuart-Menlo High School  
Karin Wilhelm, Stuart-Menlo High School

## **IOWA JUNIOR SCIENCE AND HUMANITIES SYMPOSIUM**

Andrea Clark, Algona High School  
Lily Kim, Bettendorf High School  
Marie Peleck, Marshalltown Senior High School  
Nicole Rascon, Davenport North High School  
Karin Wilhelm, Stuart-Menlo High School

## **SECONDARY STUDENT TRAINING PROGRAM, UNIVERSITY OF IOWA (SSTP)**

Christine Lyon, Hempstead High School, Dubuque  
Thomas Stricker, Pleasant Valley High School

## **UNIVERSITY OF NORTHERN IOWA SCIENCE SYMPOSIUM**

*(4 year scholarships)*

Biology: Jennifer L. Rock, North Scott H. S., Eldridge  
Jason J. Sloan, Algona H. S., Algona

Chemistry: Cari Houghton, City H. S., Iowa City  
Marty Weber, Pekin H. S., Packwood

Computer Science: Kirk Severtson, Clear Lake H. S., Clear Lake  
Eric Brandt, Jefferson H. S., Cedar Rapids

Earth Science: Suzy McGrane, Maquoketa Valley H. S., Delhi  
Jennifer L. Payton, Hudson H. S., Hudson

Industrial Technology: Brad Melvin, Bedford H. S., Bedford  
Troy Scholtman, Kingsley-Pierson, Kingsley  
Chad R. Simmons, Corning H. S., Corning  
Chad Kriegermeier, Jefferson H. S., Cedar Rapids  
Mike Johnson, Boone H. S., Boone

## THE EXCELLENCE IN SCIENCE TEACHING AWARDS

The Iowa Academy of Science has a long and distinguished record of encouraging improvement in science teaching within Iowa's Public and parochial schools. Since 1954, through its Excellence in Science Teaching Awards program, teachers from all areas of the state have been recognized for their outstanding work.

Presently, the Academy recognizes excellence in elementary school, junior high school and senior high school science teaching. Further, in the senior high school program, the specialty areas of biology, chemistry, earth science, environmental education, and physics are focused upon. A general/multiple science category was established to include those who teach more than one science discipline in a single course, or separate courses or interdisciplinary courses.

### **Biology**

Richard H. Kruse, Ankeny Senior High School, Ankeny

### **Chemistry**

Jeffrey B. Hepburn, Dowling High School, West Des Moines

### **Earth Science**

Beverly A. Iverson, Marshalltown Community High School, Marshalltown

### **Elementary Science**

Barbara A. Ehlers, Wings Park Elementary School, Oelwein

### **Environmental Education**

No Award

### **General/Multiple Science**

Michael F. Zeller, Woodward-Granger Community School, Woodward

### **Junior High Science**

Lyn Countryman, Malcolm Price Laboratory School, Cedar Falls

### **Physics**

Charles R. Gesiriech, Urbandale High School, Des Moines

Mathematics: Gary Kueper, Dubuque Sr. H. S., Dubuque  
Juli A. Manchester, Shenandoah H. S., Shenandoah

### **NATIONAL YOUTH SCIENCE CAMP**

Taia Pals, Clinton High School  
Tomas Kang Rhee, Pleasant Valley High School

### **NATIONAL ENERGY INSTITUTES**

Argonne National Laboratory  
Brian Schuster, Cascade High School  
Brookhaven National Laboratory  
Lily Kim, Bettendorf High School  
Fermi Laboratory  
Mike Dawson, MFL High School  
Lawrence Berkeley Laboratory  
John Dohrman, Heelan High School, Sioux City  
Alternate: Stephanie J. Franks, Lincoln H. S., Council Bluffs  
Oak Ridge National Laboratory  
Amy Dreyer, Farragut Community School  
Alternate: Brent Buckalew, Hamburg High School  
Sandia National Laboratory  
Aaron Wilt, Westwood High School, Sloan

### **PHYSICS OLYMPICS**

First Place Team: Pomeroy-Palmer High School  
Second Place Team: Maurice-Orange City/Floyd Valley  
Third Place Team: Bondurant-Farrar High School  
Bridge Building: Valley High School, West Des Moines  
Hickory-Dickory Shot: North Fayette, West Union  
Mouse Trap Car: Valley High School, West Des Moines  
Soda Straw Arm: Pomeroy-Palmer High School  
Student Powered Water Heater: Pomeroy-Palmer High School

### **WESTINGHOUSE IOWA STATE SCIENCE TALENT SEARCH**

Karin Wilhelm, Stuart-Menlo High School (national semi-finalist)