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# 109th Session Iowa Academy of Science Awards Luncheon, April 25, 1997

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109th Session lowa Academy of Science Clarke College, Dubuque April 25, 1997



## AWARDS LUNCHEON PROGRAM

Served Luncheon

Introductions

Recognition of students participating in various statewide science activities

Presentation of scholarship winners and 1998 AJAS representatives

Presentation of Excellence in Science Teaching Awards

Bill Gilbert, President

Sue Smith, Chair Student Programs Cmte

Peggy Tilgner, Director lowa Jr Academy of Science

> Peg Steffen, Dir, 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 lowa Junior Academy of Science specifically or more generally with the lowa Academy of Science. Those activities not so identified are equally important, and their possible omission here is not to be construed otherwise.

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

Twenty-seven students were invited to present papers at the 109th Annual Meeting

#### IOWA ACADEMY OF SCIENCE OUTSTANDING SCIENCE STUDENT MEDALS

Certificates of Award will be presented to sixty outstanding high school science students

#### **EASTERN IOWA SCIENCE & ENGINEERING FAIR**

Brendon Collier, Mediapolis HS - Mediapolis Mark Dobson, Central Lee HS - Donnellson Carol Fassbinder, Valley CEW HS - Elgin Jamie Hill, Arnold HS - W Burlington Jarad Klein, Keota Jr/Sr HS - Keota Justin Lightfoot, Central Lee HS - Donnellson Courtney McCauley, Central Lee HS - Donnellson Amanda Schiller, Central Lee HS - Donnellson Jason Weirather. Central Lee HS - Donnellson

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

LySanias Broyles, - Davenport Nathan Johnson, Central HS - Davenport

#### HAWKEYE SCIENCE FAIR

Carl R Clark, Algona Community HS - Algona Stephanie Staub, W Des Moines Valley HS/Central Academy - W Des Moines

#### IOWA SCIENCE TALENT SEARCH

Amy Ball, Fort Dodge Sr HS - Fort Dodge Betsy Grice, English Valley HS - South English

#### **SOUTH CENTRAL SCIENCE & ENGINEERING FAIR**

Carl Clark, Algona Community HS - Algona Brooke Findley, West Central HS - Stuart Cory Lane, Algona Community HS - Algona Cory Menning, Algona Community HS - Algona

Sarah Schultes, Glidden-Ralston HS -Glidden Mark Scuffham, Algona Community HS - Algona Greg Shepherd, West Central HS - Stuart Jamie Taylor, West Central HS - Stuart Eldon Whetstone, West Central HS - Stuart Anna Wilhelm, West Central HS - Stuart

#### **IOWA JUNIOR SCIENCE & HUMANITIES SYMPOSIUM**

Collin Dyer, George Washington HS - Cedar Rapids Courtney McCauley, Central Lee HS - Donnellson Mark Scuffham, Algona Community HS - Algona Eldon Whetstone, West Central HS - Stuart

#### UNIVERSITY OF NORTHERN IOWA SCIENCE SYMPOSIUM

(Scholarship)

Biology: Brett E Post, Rock Valley HS - Rock Valley

Ken Graeve, St Alberts Secondary - Council Bluffs Bradley D Peyton, Davenport North - Davenport

Chemistry: Becky Kobliska, New Hampton HS - New Hampton

Robert J Sheerer, Dike-New Hartford - Dike Computer Sci:

Kristopher Kersten, Waukee HS - Waukee Maya Hirsch, Waterloo East HS - Waterloo

Earth Science: Eve Lampson, Waverly-Shell Rock HS - Waverly

Vernon R Knaack, Kingsley-Pierson HS - Kingsley Industrial Tech:

Lucas D DeVries, Nashua-Plainfield HS - Nashua Grant Wesson, Newton HS - Newton Andrea Monk, Monticello HS - Monticello

Rachel M elson, Jesup HS - Jesup

Joshua Irvin, Dubuque Hempstead HS - Dubuque Mathematics:

Darin Dugan, Kingsley-Pierson HS - Kingsley

Anna M Tauke, Dubuque Hempstead HS - Dubuque Physics:

Scott Timmerman, Burlington HS - Burlington

#### PHYSICS OLYMPICS

(Teacher)

Team Grand Champion: Team 1st Runner Up: Team 2nd Runner Up: Soda Straw Arm Winner: Tooth Pick Bridge Winner: Self-Propelled Catapult Winner: Mouse Trap Car Winner:

Student-Powered Water Heater:

Pomeroy-Palmer HS (Russ Buddin) Dubuque Senior HS (Sandra Walton) Bellevue Marquette HS (Karen Timmerman Dubuque Wahlert HS (Tom Stierman) W Des Moines Valley HS (Ted Drish) Dubuque Senior HS (Sandra Walton) Pomeroy-Palmer HS (Russ Buddin)

Dubuque Senior HS (Sandra Walton)

#### **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, junior high/middle 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**

William A Forsee - Abraham Lincoln High School, Council Bluffs

#### Chemistry

Richard C Wells - Davenport Central High School, Davenport

#### **Earth Science**

Susan J Vogel - Ft Madison High School, Ft Madison

#### **Elementary Science**

Kay M Treiber - Price Laboratory School, Cedar Falls

#### **Environmental Education**

Dennis W Schlicht - Central City Community School, Center Point

#### General/Multiple Science

Janet L Dunkel - Charles City Middle School, Charles City

#### Middle/Junior High Science

Brenda L (Garbe) Greaves - Parkview Middle School, Ankeny

#### **Physics**

Mark M LaPorte - New Hampton High School, New Hampton