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OKLAHOMA ACADEMY OF SCIENCE

79TH ANNUAL TECHNICAL MEETING
OKLAHOMA ACADEMY OF SCIENCE

Activities of the Oklahoma Academy of Science

From Article I, Section 2 of the Constitution

and other resources of the State.

and to intelligently and make known the material.

Concerning the Oklahoma Academy of Science: In scientific work in Oklahoma to diffuse among the citizens of

The purpose of the Academy shall be to stimulate scientific

Established in 1909

OKLAHOMA ACADEMY OF SCIENCE
GENERAL INFORMATION

The 79th Annual Fall Technical Meeting of the Oklahoma Academy of Science will be held in

Meeting Rooms

and acreage. Meeting accommodations, meeting rooms, and all other accommodations are reserved.

ACADEMY NAMES

11:30 a.m. - 1:15 p.m. Lunch at the Conference Center

12:00 noon - 2:00 p.m. Registration for Non-member, Presentation Workshops, Student

7:30 a.m. - 11:00 a.m. Breakfast at the Conference Center

7:30 a.m. - 11:00 a.m. Continental Breakfast Sessions

Professional, Academic, and Government employees are encouraged to attend.

Funding: A.V.T. Foundation, A.V.T. Endowments, and other major sponsors.

Presentation of 1999 A.V.T. Professional Services Institute in Engineering

Speaker: Dr. Thomas Sheer, Regional Director, Agriculture

1:00 p.m. - 5:00 p.m. Continental Scientific Sessions

Program:
- 11:30 a.m. Continental Breakfast Sessions
- 7:30 a.m. - 11:00 a.m. Registration for Non-member, Presentation Workshops, Student
- 12:00 noon - 2:00 p.m. Registration for Non-member, Presentation Workshops, Student

University

Friday, 9 November 1990

Executive Council Dinner and Awards. 7:00 p.m. to 9:00 p.m.

Tuesday, 13 November 1990

Executive Council Dinner and Awards. 7:00 p.m. to 9:00 p.m.
SECTION A: BIOLOGICAL SCIENCES

MORNING SESSION: MODERATOR: PAUL MICHIGANDER, NWOSU
LEARNING RESOURCES CENTER: ROOM 204B
SUBSECTION I: BOTANY

AFTERNOON SESSION: MODERATOR: LARRY MAGAHEY, USAO
LEARNING RESOURCES CENTER: ROOM 204B
SUBSECTION I: BOTANY

SECCTION A: BIOLOGICAL SCIENCES

12:00 noon
Lunch at the Center

11:45 a.m.
Student Complimentary

10:30 a.m.
Introduction to Plant Forms and Cells in Plant Biology.

9:30 a.m.
Smithsonian Institute Public Lecture

9:00 a.m.
Coffee Break

9:00 a.m.
Dr. J. R. Williams, Systematic Botany

8:45 a.m.
Dr. J. R. Williams, Systematic Botany

8:00 a.m.
Discussion of current research in plant biology.

7:15 a.m.
Annual Business Meeting, WRC 205

7:00 a.m.
Biological Science Section Meeting, WRC 205
**Student Complementary**
2:45 p.m.
Freshmen Orientation (1st Year, QSU)

**Student Complementary**
2:30 p.m.
Freshman Studies of the Reading Units and the History of American Indian History.

**Student Complementary**
2:15 p.m.
Computer science (Rottier), various aspects of its reading bridges.

**Student Complementary**
2:00 p.m.

case studies of different aspects of the culture. (Rottier, et al.)

**Student Complementary**
1:45 p.m.
Feeding habits of the culture. (Rottier, et al.) and the culture's impact on the Westward Expansion, P. 7 and R. 7, 7th and 8th grades.

1:30 p.m.
New Range expansion of the Westward Expansion. (Rottier, et al.)

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**Afternoon Session: Moderator: Vermon Powderly NSO**

**Learning Resources Center: Room 235**

**Subsection II: Zoology**

**Section A: Biological Sciences**

- 3:15 p.m. Vegetation of the area. 4th and 5th grade. (Rottier, et al.)
- 3:00 p.m. Study of plant growth (Rottier, et al.)
- 2:45 p.m. Collate data.
- 2:30 p.m. Field trip to Grammar School. (Rottier, et al.)
- 2:15 p.m. Study of gross anatomical structures. (Rottier, et al.)
- 2:00 p.m. Can soil formation contol (Rottier, et al.)

**Learning Resources Center: Room 235**

**Subsection II: Zoology**

**Section A: Biological Sciences**

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- 2:30 p.m. Field trip to Grammar School. (Rottier, et al.)
- 2:15 p.m. Study of gross anatomical structures. (Rottier, et al.)
- 2:00 p.m. Can soil formation contol (Rottier, et al.)
12:00 pm     ASB Auditorium, Tuesday/Thursday
11:30 am     ASB Annual Business Meeting, LC 325
11:00 am     PSSC Annual Business Meeting
10:45 am     A.S.G. Committee Meeting, joint with the PSSC.
10:30 am     American Pressure Measurements of the Delineable Properties of Several Materials.

MORNING SESSION: MODERATOR: DONALD THOMPSON, OSU
LEARNING RESOURCES CENTER: ROOM 218D

SECTION C: PHYSICAL SCIENCES

12:00 pm     ASB Auditorium, Tuesday/Thursday
11:15 am     ASB Annual Business Meeting, LC 325
11:00 am     PSSC Annual Business Meeting
10:45 am     Geophysical Survey
10:30 am     CP-1 Laboratory, OSU
10:00 am     Geophysical Survey
9:45 am     Computer Room
9:30 am     Geophysical Survey
9:00 am     Geophysical Survey
8:45 am     Geophysical Survey

MORNING SESSION: MODERATOR: KENNETH JOHNSON,
LEARNING RESOURCES CENTER: ROOM 218D

SECTION D: GEOLOGY

12:00 pm     ASB Auditorium, Tuesday/Thursday
11:30 am     ASB Annual Business Meeting, LC 325
11:00 am     PSSC Annual Business Meeting
10:45 am     Geophysical Survey
10:30 am     A.S.G. Committee Meeting, joint with the PSSC.
10:30 am     American Pressure Measurements of the Delineable Properties of Several Materials.

MORNING SESSION: MODERATOR: DAVID LOLLIS
LEARNING RESOURCES CENTER: ROOM 218A

SECTION E: SCIENCE EDUCATION

12:00 pm     ASB Auditorium, Tuesday/Thursday
11:30 am     ASB Annual Business Meeting, LC 325
11:00 am     PSSC Annual Business Meeting
10:45 am     The Relations of the Activity and the Use of Improvements as Compared to
10:30 am     A.S.G. Committee Meeting
10:00 am     Interrelationships of the Use of the Improvements
9:45 am     Committee Room
9:30 am     Interrelationships of the Use of the Improvements
9:00 am     Committee Room
8:45 am     Interrelationships of the Use of the Improvements

MORNING SESSION: MODERATOR: JOHN J. Burke, ECU
LEARNING RESOURCES CENTER: ROOM 218B

SECTION D: SOCIAL SCIENCES

12:00 pm     ASB Auditorium, Tuesday/Thursday
11:30 am     ASB Annual Business Meeting, LC 325
11:00 am     PSSC Annual Business Meeting
10:45 am     A.S.G. Committee Meeting, joint with the PSSC.
10:30 am     American Pressure Measurements of the Delineable Properties of Several Materials.

MORNING SESSION: MODERATOR: DAVID LOLLIS
LEARNING RESOURCES CENTER: ROOM 218A

SECTION E: SCIENCE EDUCATION
2:45 PM Coffee Break

3:00 PM Informal Department of Marine resources, the artificial reef, and the effects of aquaculture on the marine environment in South Australia. (I. F. H. Rees, S. J. Stirling, and J. A. S. Trudgill)


3:45 PM Coffee Break

4:00 PM The use of computer in remote area nursery. (I. F. H. Rees and J. A. S. Trudgill)


4:30 PM Coffee Break

4:45 PM The use of computer in remote area nursery. (I. F. H. Rees and J. A. S. Trudgill)

5:00 PM The effects of aquaculture on the marine environment in South Australia. (I. F. H. Rees, S. J. Stirling, and J. A. S. Trudgill)

5:15 PM Coffee Break

5:30 PM The effects of aquaculture on the marine environment in South Australia. (I. F. H. Rees, S. J. Stirling, and J. A. S. Trudgill)

5:45 PM Coffee Break

6:00 PM The effects of aquaculture on the marine environment in South Australia. (I. F. H. Rees, S. J. Stirling, and J. A. S. Trudgill)
AFTERNOON SESSION: MODERATOR: M.S. Gilmour, OUSC
LEARNING RESOURCES CENTER: ROOM 204G
SECTION H: MICROBIOLOGY

12:00 noon
OASguerl, J., OASguerl, O. A postgraduate lecture on "The Future of Microbiology"

11:15 a.m.
OAS Business Meeting / U.K.

11:00 a.m.
Microbiology Section Business Meeting

10:45 a.m.
Applications of Microbiology in the Food Industry

10:30 a.m.
Preliminary Sessions on "The Future of Microbiology"

10:00 a.m.
A Comprehensive Review on "The Future of Microbiology"

9:45 a.m.
Coffee Break

9:30 a.m.
Review of Recent Trends in Microbiology

9:15 a.m.
Recent Advances in Microbial Genetics

8:45 a.m.
Production of Microbial Inoculum with Neutrogena Bacteria

8:30 a.m.
Preparation and optimization of olfactory receptors

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MORNING SESSION: MODERATOR: R.J. Cawley, Leu. Samuel
LEARNING RESOURCES CENTER: ROOM 204B
SECTION H: MICROBIOLOGY

OASguerl, J., OASguerl, O. A postgraduate lecture on "The Future of Microbiology"

OAS Business Meeting / U.K.

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Applications of Microbiology in the Food Industry

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A Comprehensive Review on "The Future of Microbiology"

Coffee Break

Review of Recent Trends in Microbiology

Recent Advances in Microbial Genetics

Production of Microbial Inoculum with Neutrogena Bacteria

Preparation and optimization of olfactory receptors

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SECTION G: WILDLIFE CONSERVATION
LEARNING RESOURCES CENTER: ROOM 203
AFTERNOON SESSION: MODERATOR: JOE WOOD, OSC
LEARNING RESOURCES CENTER: ROOM 246
SECTION K: ELECTRON MICROSCOPY

2:00 pm
An Electron Microscope Storytelling Image of China's "Turn the ship by its stern" of Our...""
TOTAL ENCLOSED $________________

[Table with columns for different sections, each with a corresponding dollar amount]

Section Affiliations (limit of one):

- [Affiliation 1] $______
- [Affiliation 2] $______
- [Affiliation 3] $______
- [Affiliation 4] $______
- [Affiliation 5] $______
- [Affiliation 6] $______

MEMBERSHIP CLASS AND DUES

- NEW MEMBER $150.00
- AMERICAN ACADEMY OF SCIENCE (712.750)
- GENERAL DUES

CONTRIBUTIONS

- ZIP ________________________
- MAILING ADDRESS ________________________
- PHONE ________________________
- TITLE ________________________
- FIRST ________________________
- LAST ________________________

1991 MEMBERSHIP APPLICATION OR RENEWAL

THE AMERICAN ACADEMY OF SCIENCE

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