

1977

## Iowa Science Teachers Fall Conference, Marshalltown Community College, November 11, 1977

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# IOWA SCIENCE TEACHERS FALL CONFERENCE

Co-sponsored by N.S.T.A. & I.A.S.

Marshalltown Community College

November 11, 1977

## PROGRAM

- 8:00-9:00 a.m. Registration and Coffee  
9:00-9:50 Section 1: Science Teaching Modes for the Next Decade, K-12; Dr. Robert E. Yager, S.U.I.  
Section 2: Women in Science, Professors Ruth B. Wildman and Marcia Donnerstein, I.S.U.  
Section 3: Citizens' Workshop in Energy and the Environment, Dr. Leland L. Wilson, U.N.I.  
10:00-10:50 Concurrent Session A: Hands on Experience  
11:00-11:50 Concurrent Session B: Hands on Experience  
12:00-12:50p.m. Lunch  
1:00-1:50 Physical Science General Session: Our Amazing Universe, Professor Paul W. Barcus, I.S.U.  
Biological Science General Session: Recent Developments in Human Fertility Control and its Implications for the Future, Raymond Bunge, M.D., S.U.I.  
2:00-2:50 Concurrent Session C: Hands on Experience  
Genetic Defects and Human Genetic Counseling, Dr. James Hansen, Division of Medical Genetics, S.U.I.  
3:00 Drawing for Door Prizes

## CONCURRENT SESSION TOPICS

### Secondary Level

- |                                       |   |
|---------------------------------------|---|
| Summer Field Biology                  | The IGS and Teaching Earth Science                                    |
| Modern Biology '77                    | Computer Programming: Mini Computers                                  |
| Mushrooms                             | A Program for High Ability High School Students                       |
| PACE 2—Organic Chemistry              | Individualizing for Gifted Science Fairs                              |
| Piaget and PACE Chemistry             | TARGET: An Idea for the Gifted and Talented in the Junior High School |
| IAC Modular Chemistry                 | Science and Reading   |
| Playground Physics                    | Reading Levels of Science Materials                                   |
| PSSC Packet Physics                   | Tree Grafting   |
| Self Taught Electronics               | E.C.G. Demonstrations   |
| New Equipment in Physics              | How to say NO to a Rapist and Survive                                 |
| Hard Work and Good Times: YCC         | Computer Assisted Instruction   |
| Environmental Field Studies           |   |
| Science Teachers as Environmentalists |   |
| Junior High School Innovations        |   |

### Elementary Level

- |  |                                      |
|--|--------------------------------------|
| Using the Living Environment   | Boxed Science                        |
| Rootviewer   | Sacked Science                       |
| Creative Gardening   | Tri-Wall for Science                 |
| Creatures  | Interdisciplinary Science            |
| ECO Look and Leave Life  | Berkley Project is Science           |
| Supplements in Elementary Science  | Historical Characters in Science     |
| Canned Science   | Aesthetics of Environmental Concerns |
| Individualized Activities for Gifted and Talented in the Elementary School | Wholistic Science                    |

## EXHIBITS

Book Companies

Scientific Companies

### ADVANCE REGISTRATION FORM

Iowa Science Teachers Fall Conference, November 11, 1977, MCC

Send to Ross Iverson, Miller Junior High, Marshalltown, IA 50158

Circle appropriate amounts:

	Member	or	Nonmember	or	(At the conference registration and lunch will both be \$1.00 higher.)
Registration	\$2.50		\$3.50		
Lunch	<u>2.50</u>		<u>2.50</u>		
Total	\$5.00		\$6.00		Total enclosed: \$ _____

Please make advance registration check payable to: Iowa Science Teachers Section.

Your name \_\_\_\_\_ Your school \_\_\_\_\_