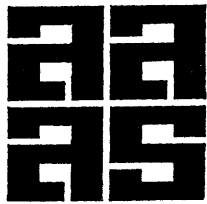


# AUDIO



# TAPES

## Another Message to Students

(of all ages)

At the Annual Meetings of the American Association for the Advancement of Science, many of the more thoughtful and concerned scientists and their counterparts in other areas of creative endeavor come together to explore, in public, advances in science and their consequences. With the permission of the speakers, a wide selection of their discussions are recorded. It represents an extraordinarily rich collection of views, commentaries, analyses, and critiques.

Listed below are 11 diverse topics, typical of several score of others that are available for sale. Persons interested in the issues of the day and of the future, often exhilarating or profoundly troubling, will profit from their study.

### HUNGER AND MALNUTRITION

(in 7 parts)

1/69, I,II,III,IV,V,VI,VII

A review of the whole range of problems related to nutrition in a large and diversified country like the United States.

*Jean Mayer (Harvard School of Public Health), Joaquin Gravioto (Hospital de los Enfermos de la Nutricion, Mexico City), Roger Revelle (Harvard School of Public Health), Mark Hegsted (Harvard School of Public Health), Ancel Keys (University of Minnesota), Nevin S. Scrimshaw (M.I.T.), Jack Geiger (Tufts University School of Medicine), Margaret Mead (American Museum of Natural History), Robert Choate (National Institute of Public Affairs), and others.*

### HUMAN SETTLEMENTS AND ENVIRONMENTAL DESIGN

(in 6 parts)

4/69, I,II,III,IV,V,VI

A discussion of the planned and unplanned interactions of man and his environment.

*Clarence J. Glacken (University of California, Berkeley), Leo Marx (Amherst College), Hugh A. Prince (University College, London), T. Kevin Lynch (M.I.T.), Hassan Fathy (United Arab Republic), Donald A. Schon (M.I.T.), John McHale (State University of New York, Binghamton), Gyorgy Kepes (M.I.T.), and others.*

### WHITHER LUNAR AND PLANETARY EXPLORATION IN THE 1970's?

(in 3 parts)

12/69, I,II,III

Knowledge of Earth's atmosphere and interior from comparative studies of other planets—Mercury, Venus, Mars, Jupiter, and outer planets. Also discussed are geophysical, geochemical, and geological aspects of lunar research.

*Eugene M. Shoemaker (California Institute of Technology), Frank Press (M.I.T.), John W. Findlay (National Radio Astronomy Observatory), Gordon J. F. MacDonald (Environmental Council), Carl E. Sagan (Cornell University), Lewis M. Branscomb (National Bureau of Standards), S. Fred Singer (U.S. Department of the Interior), and others.*

### CLIMATE AND MAN

(in 2 parts)

19/69, I,II

Questions about the degree to which man is modifying the climate and the result of such modification on life on earth.

*Walter Orr Roberts (University Corporation for Atmospheric Research), J. Murray Mitchell, Jr. (ESSA), Edward N. Lorenz (M.I.T.), Erik Eriksson (University of Stockholm), Thomas F. Malone (Travelers Insurance Company), Gordon J. F. MacDonald, Helmut E. Landsberg (University of Maryland), Robert M. White (ESSA), and others.*

### THE USE OF SPACE BY ANIMALS AND MEN

(in 5 parts)

21/68, I,II,III,IV,V

An overview of research regarding the use of space by animals and men. A summary of knowledge from different scientific disciplines and from different parts of the world.

*Fred Fischer (Zurich Zoological Gardens), Paul Leyhausen (Max-Planck-Institut für Verhaltensphysiologie), Glen McBride (University of Queensland, Australia), Adam Watson (The Nature Conservancy, Scotland), John B. Calhoun (National Institutes of Health), Edward T. Hall (Northwestern University), Irenaus Eibl-Eibesfeldt (Max-Planck-Institut für Verhaltensphysiologie), V. C. Wynne-Edwards (University of Aberdeen, Scotland), and others.*

**TECHNOLOGY ASSESSMENT AND HUMAN POSSIBILITIES**

(in 3 parts)

25/69, I,II,III

The state of the art, responsibilities and opportunities for science and engineering, and implementation of technology assessment.

*Milton Katz (Harvard University), Chauncey Starr (University of California, Los Angeles), Emmanuel Mesthene (Harvard University), Garrett Hardin (University of California, Santa Barbara), Barry Commoner (Washington University), Kenneth Boulding (University of Colorado), Morris Tannenbaum (Western Electric Corporation), H. Bentley Glass (State University of New York, Stony Brook), Emilio Q. Daddario, Richard A. Carpenter (Library of Congress), and others.*

**MATHEMATICAL LOGIC**

36/69

A description and discussion of the remarkable growth in symbolic logic and in the applications of logic to other parts of mathematics.

*Willard Van Orman Quine (Harvard University), Hartley Rogers, Jr. (M.I.T.), Abraham Robinson (Yale University), and others.*

**POWER GENERATION AND ENVIRONMENTAL CHANGE: RECONCILING MAN'S DESIRE FOR POWER WITH THE NEEDS OF HIS ENVIRONMENT**

(in 2 parts)

41/69, I,II

A consideration of the three primary means of generating power—nuclear, hydroelectric, and fuel combustion. What the environmental effects of each are, and what can be done to suppress or control them.

*James A. Fay (M.I.T.), Merrill Eisenbud (Environmental Protection Administration, New York City), Arthur Tamplin (Lawrence Radiation Laboratory), Jack P. Ruina (M.I.T.), Gordon J. F. MacDonald, Erik Eriksson, Arthur M. Squires (City College of the City University of New York), and others.*

**COMPUTERS IN MATHEMATICS AND SCIENCE**

43/69

The role of the computer in science today—new problems, unusual uses.

*Mark Kac (Rockefeller University), S. M. Ulam (University of Colorado), and others.*

**SCHOOL SCIENCE—PAST AND FUTURE (in 2 parts)**

50/69, I,II

A review of school science in the past, needs in the present, and remedies for the future. Discussions by educators, administrators, students, and government representatives.

*Jerrold R. Zacharias (M.I.T.), George C. Pimentel (University of California), Thomas D. Fontaine (National Science Foundation), and others.*

**BASIC RESEARCH RELATED TO EDUCATION**

52/69

Discussion emphasizes the importance of basic research to continuing development and progress in the nation's schools. Are existing course materials adequate?

*Hendrick D. Gideonse (U.S. Office of Education), Patrick Suppes (Stanford University), and others.*

**Please refer to SCIENCE, 31 July 1970 (pages 422–424) for a complete listing of all available tapes.**

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# Personnel Placement

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**Ecologist, Ph.D. 1968.** Diversified research experience, publications, and so forth. Research or teaching position desired. Will consider foreign employment. Available September 1971. Box 443, SCIENCE. 12/25

**Experimental Pathologist, M.D., Ph.D.** More than 10 years in cardiovascular research. Experience also in histochemistry, toxicology, experimental therapeutics, administration, research organization. Extensive publications, books, accomplishments, awards. Desires senior-level faculty appointment or administrative post with opportunity for research. Box 444, SCIENCE. X

**Experimental Psychologist, Ph.D.** Specialties operant behavior, mathematical models. Twelve years of academic experience, wide interests, extensive publications. Seeks position with research opportunities. Box 445, SCIENCE. X

**Geneticist, Ph.D., 35,** in ninth year of university experience. Desires position in small private college. Also general, cellular, invertebrate, and evolutionary biology. Box 425, SCIENCE.

**Histologist, Ph.D.,** with teaching experience. Desires adjunct appointment to teach one or two courses per term in New York City. Box 435, SCIENCE. X

**Microbiologist, M.S. (1963).** Public Health Microbiologist Certificate (California). Extensive experience in clinical, public health as well as industrial microbiology. Publications. Seeks senior/supervisory position in clinical or industrial areas with opportunity for research. Box 446, SCIENCE. X

**Phytopathologist Ph.D. 1968.** Disease physiology, enzyme biogenesis and purification, fungus physiology, phytoalexins. Grants, publications, teaching experience, etc., proven innovator. Desires new and challenging research/teaching position. Available April 1971. Box 447, SCIENCE. 12/4

**Ph.D.—Zoology, Anatomy, Histology.** Active basic research program. Numerous publications. Considerable experience in transmission and scanning electron microscopy, x-ray spectroscopy of soft biological materials. Desires senior academic teaching-research position; histology, embryology, cell biology, cytology, experimental pathology. Box 448, SCIENCE. X

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Contact Mr. Lawrence Fortson, Jr., Chairman, Board of County Commissioners of Manatee County, Courthouse, Bradenton, Florida, or Manatee County Health Department, 202 Sixth Avenue East, Bradenton, Florida 33505. Telephone: 813 744-3531.

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### SANTA CATALINA MARINE BIOLOGICAL LABORATORY

During the first half of 1971, the Santa Catalina Marine Biological Laboratory will offer four courses in the marine sciences. The courses and their beginning dates are: Cytology and Ultrastructure of Marine Organisms (4 January), Marine Botany (15 February), Marine Invertebrate Zoology (25 March), and Developmental Biology of Marine Organisms (3 May). Each course will last for 5 weeks and will be for five semester units credit. Admission is through the University of Southern California and is available to graduate and advanced undergraduate students. Limited funds are available through the generosity of the Arthur Vining Davis Foundation to aid highly qualified students with tuition and living expenses.

For additional information contact Dr. Russel L. Zimmer, Santa Catalina Marine Biological Laboratory, P.O. Box 398, Avalon, California 90704 (Telephone area code 213, Avalon 811).

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