

1969

Science, Engineering, Humanities Symposium Set

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Recommended Citation

(1969) "Science, Engineering, Humanities Symposium Set," *Iowa Science Teachers Journal*: Vol. 6 : No. 3 , Article 11.

Available at: <https://scholarworks.uni.edu/istj/vol6/iss3/11>

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Science, Engineering, Humanities Symposium Set

The seventh annual U.S. Army—Iowa Science, Engineering, and Humanities Symposium will be held at The University of Iowa, March 6, 7, and 8, under the direction of Dr. Ronald Townsend.

The participants in the Iowa Symposium will be 100 outstanding high school sophomores and juniors chosen by a University Committee from those nominated by the teachers, guidance counselors, and principals of the various high schools in Iowa and western Illinois. Fifty outstanding high school mathematics and science teachers will also be chosen to accompany their students. The students and teachers invited will be guests of the University.

There will be a program of lectures by recognized authorities in various fields of science and humanities, and six students will be invited to present papers on their own research. The students will also have an opportunity to see scientific research in progress.

Four special assemblies on topics of particular concern to science educators are on the agenda for Saturday evening.

On Sunday and Monday two groups of concurrent panels and symposia have been planned. Representative of the topics to be considered are: audio-tutorial instruction, computer-assisted instruction, conservation education, sex education, preschool science education, the rural disadvantaged, and several of the "alphabet soup" curriculum projects.

In addition, the offering of NSTA-Sunoco Science Seminars will extend from Saturday through Monday.

Topics for the seminars are:

Seminar A: "Conversations with the Earth," Edward Hamming, professor of geography, Augustana College, Rock Island, Illinois.

Seminar B: "How Does Your Garden Grow?" (plant physiology for elementary teachers), Irwin Spear, associate professor of botany, The University of Texas, Austin.

Seminar C: "Horizons in the Brain Sciences," Samuel Bogock, director, Foundation for Research on the Nervous System, Boston University School of Medicine.

Seminar D: "Particles, People, and Politics," W. Peter Trower, assistant professor, Virginia Polytechnic Institute, Blacksburg.

Seminar E: "Chemical Reactions: How and Why?" Leo Schubert, chairman, chemistry department, The American University, Washington, D.C.

Seminar F: "The History of Biology in Frontier America," Richard G. Beidleman, professor of zoology, Colorado College, Colorado Springs.

Seminar G: "Advances in Geophysics," Albert J. Rudman, associate professor of geophysics, Indiana University, Bloomington.

Seminar H: "The Earth as a Spaceship," William G. Pollard, executive director, Oak Ridge Associated Universities, Oak Ridge, Tennessee.

Seminar I: "Frontiers of Research and Exploration in Space Science," D. D. Wyatt, assistant administrator, Office of Program Plans and Analysis, National Aeronautics and Space Administration, Washington, D.C.