

NEWS RELEASE

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL SCHOOL AT DALLAS



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DALLAS--The effects of radiation in space flight, atomic pollution and the problems of immunity mechanisms which complicate transplantation will be discussed at a meeting of the Radiation Research Society here Sunday through Thursday in the Statler Hilton Hotel.

Between 300 and 500 members of the society are expected to attend the meeting, said Dr. Mary E. Gaulden, associate professor of radiology at The University of Texas (Southwestern) Medical School, who is local committee chairman for the event.

This will be the eighteenth annual meeting of the Radiation Research Society, an organization which promotes cooperative efforts in radiation research in the fields of physics, chemistry, biology and medicine.

After committee and council meetings Sunday, a review session that night will include the topic of production of cancer by radiation.

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first add radiation

The Plenary Session, "Environmental Pollutants," will begin at 8:30 a.m. Monday. S.I. Auerbach of the Oak Ridge National Laboratory will present "Ecological Aspects of Environmental Pollution with Emphasis on Radiation Ecology; A.J. Haagen-Smit of the California Institute of Technology will talk on "Smog, and Other Atmospheric Pollutants; while S.S. Epstein of the Children's Cancer Research Foundation, Boston, will have as his topic, "The Toxicology Environmental Pollutants."

S. Wolff of the University of California will discuss "Radiobiological Aspects of the Space Program" in a Monday afternoon session.

Various other sessions will deal with the central nervous system, blood, neutrons, cell cycles, cell physiology, higher organisms, macromolecules, reproduction, dosimetry, internal emitters, mammalian physiology, cytogenetics and plant physiology, photobiology, and radiation chemistry.

In the latter session, E.A. King, Jr. of the University of Houston will report on "Preliminary Analysis of the Lunar Samples Returned by Apollo 11."

Other sessions will deal with carcinogenesis, protection and sensitization, and recovery and repair.

A great many of the scientific papers will deal with various aspects of radiation therapy for cancer.

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second add radiation

W.A. Nagle of The University of Texas (Southwestern) Medical School at Dallas and R.M. Humphrey of The University of Texas M.D. Anderson Hospital and Tumor Institute will collaborate in a paper dealing with the response of mammalian cells to radiation. A number of other papers will be given by persons associated with the M.D. Anderson Hospital.

Helga Harm, M.H. Patrick and B. Lakchaura of The University of Texas at Dallas each will deliver papers.

Other members of the society's local committee from the medical school are Dr. F.J. Bonte, chairman of the Department of Radiology, Dr. D.E. Carlson and Dr. A.J. Greenberg. Those from The University of Texas at Dallas include Drs. H.B. Harm, W.S. Harm, J. Jagger, M.H. Patrick, Chaim Richman, C.S. Rupert and H. Werbin.

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