

NCAR



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NCAR SCIENTISTS HONORED BY NATIONAL METEOROLOGICAL SOCIETY

Boulder, CO---Drs. John C. Wyngaard and Edward J. Zipser, both senior scientists with the National Center for Atmospheric Research (NCAR) here, recently were elected Fellows of the American Meteorological Society.

Election to the grade of Fellow, according to the Society, is intended to serve as recognition of "outstanding contributions to the science or applications of meteorology, climatology or other areas of atmospheric science during a substantial period of years."

Wyngaard was honored for his research studies of the boundary-layer--the portion of the atmosphere in which we live, extending from the ground up to several hundred meters. His work in both observation and theory has contributed to the basic understanding of the turbulent processes of the lower atmosphere and has provided a foundation for future boundary layer research.

After earning his doctorate in mechanical engineering at Pennsylvania State University in 1967, Wyngaard was employed by the Air Force Cambridge Research Laboratories in Massachusetts from 1967 to 1975. He then joined the Wave Propagation Laboratory, one of the National Oceanic and Atmospheric Administration's (NOAA) Environmental Research Laboratories here in Boulder. While at NOAA, Wyngaard was a Fellow of the Cooperative Institute for Research in the Environmental Sciences (CIRES), an organization operated jointly by the University of Colorado and NOAA.

In 1979, Wyngaard received the Meisinger Award of the American Meteorological Society for his research in atmospheric turbulence. He currently is an associate editor of the Journal of the Atmospheric Sciences, Chairman of the AMS committee on turbulence and diffusion, and a member of the World Meteorological Organization's working group on the atmospheric boundary layer.

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Zipser, a meteorologist, was honored for his research and achievements in developing scientific aircraft programs in a number of national and international atmospheric research experiments during the past 15 years in Puerto Rico, Barbados, the Line Islands, and in the Atlantic off the coast of Dakar, West Africa. His recent research has dealt with the observed structure of tropical cumulonimbus or thunderstorms and the mid-size convective storm systems in the tropics and in mid-latitudes.

In 1977, Zipser was the recipient of an American Meteorological Society special award for "outstanding contributions and leadership in the conception, documentation, and execution of the scientific aircraft program of the GARP Atlantic Tropical Experiment" headquartered in Dakar.

A native of New York City, Zipser joined NCAR in 1966 after receiving MS. and Ph.D. degrees in meteorology from Florida State University. Prior to that time he earned a B.S.E. in Aeronautical Engineering from Princeton University.

He has held several offices in the American Meteorological Society and has served on the Committee on Hurricanes and Tropical Meteorology, and on several advisory panels to the U.S. GARP Committee of the National Academy of Sciences. He has also served on the Colorado State Air Pollution Control Commission.

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