

1998 DISTINGUISHED EDUCATOR AWARD

Dr. Robert J. Trew

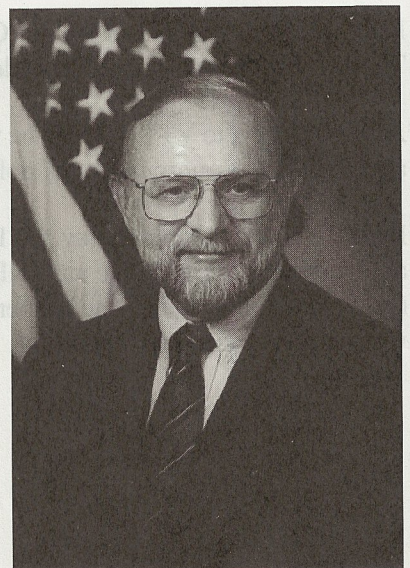
This Award was inspired by the untimely death of Professor F. J. Rosenbaum (1937-1992), an outstanding teacher of microwave science and a dedicated MTT-S AdCom member/contributor. The award is given to a distinguished educator in the field of microwave engineering and science who exemplifies the special human qualities of the late Fred J. Rosenbaum. Fred considered teaching a high calling and demonstrated his dedication to MTT-S through tireless service.

The award consists of a plaque and an honorarium of \$1,000. The awardee must be a distinguished educator, recognized, in general, by an academic career coupled to many years of service to the microwave profession. The effectiveness of the educator should be supported by a list of graduates in the field of microwave science who have become recognized in the field. The candidate shall also have an outstanding record of research contributions documented in archival publications. The candidate shall also have a record of many years of service to MTT-S.

The honored recipient of this year's award is Dr. Robert J. Trew, Director of Research at the U.S. Department of Defense. The citation reads: "FOR OUTSTANDING ACHIEVEMENTS AS AN EDUCATOR, MENTOR AND ROLE MODEL OF MICROWAVE ENGINEERS AND ENGINEERING STUDENTS."

Dr. Robert J. Trew (S'71, M'74, SM'87, F'91) received the Ph.D. degree from the University of Michigan in 1975. He was appointed Director of Research, U.S. Department of Defense, Office of the Director, Defense Research and Engineering in August 1997. In this position he is responsible for providing scientific leadership, management oversight, policy guidance and coordination of the basic research programs of the Military Services and Defense Agencies

Dr. Trew worked for General Motors and Watkins-Johnson Company, and has served as consultant for a number of aerospace and electronics companies. From 1976 to 1993 he was Professor of Electrical and Computer Engineering at North Carolina State University, and from 1993 to 1997 was George S. Dively Professor of Engineering and Chair of the Department of Electrical Engineering and Applied Physics at Case Western Reserve University. He was a visiting Professor at the University of Duisburg in Germany in 1985. Dr. Trew has directed 13 Ph.D. students and 35 M.S. students. He served as a part time Program Manager in the Electronics Division of the U.S. Army Research Office from 1992-1997. He serves on the MTT Society AdCom and was the Editor of the *IEEE Transactions on Microwave Theory and Techniques* from 1995 to 1997. Dr. Trew was elected to the Editorial Board of the *IEEE Proceedings* for 1998 and was named to a three year term as an IEEE MTT Society Microwave Distinguished Lecturer for the period 1998-2001. He also served as Guest Editor for the *Materials Research Society Bulletin* and the *International Journal of Microwave and Millimeter-Wave Computer-Aided Engineering*.



Dr. Trew is a Fellow of the IEEE. He has published more than 130 technical articles, 13 book chapters, and given over 180 scientific and technical presentations. He has two patents awarded and two pending. He received the 1992 Alcoa Foundation Distinguished Engineering Research Award and a 1992 Distinguished Scholarly Achievement Award from North Carolina State University. He is a member of Eta Kappa Nu, Sigma Xi, Tau Beta Pi, the American Association for the Advancement of Science, the American Society for Engineering Education, Commission D of the International Union of Radio Science, and the Electromagnetics Academy.