

1995 Distinguished Educator Award

Dr. G.P. Rodrigue

The creation of 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 and contributor. This award is to be presented to a distinguished educator in the field of microwave engineering and science who exemplifies the special human qualities of the late Fred J. Rosenbaum, who 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. It is desirable for the candidate to have received other teaching awards. 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. Relevant letters of support are encouraged. The candidate shall also have an outstanding record of research contributions documented in archival publications. The candidate shall have a record of many years of service to MTT-S.

The 1995 recipient is **Dr. G.P. Rodrigue**, Regents' Professor at the Georgia Institute of Technology.

Dr. G.P. Rodrigue received B.S. and M.S. degrees in physics from the Louisiana State University in 1952 and 1954, respectively. He then studied under Professor C.L. Hogan at Harvard University where he completed his Ph.D in applied physics in 1958. His dissertation dealt with microwave properties of ferrimagnetic garnets.

From August 1958 to August 1968 he worked for the Sperry Microwave Electronics Company in Clearwater, Florida. At Sperry he continued research on properties and microwave applications of ferrites, and worked on the development of parametric amplifiers, and microwave acoustic devices.



In 1968 he joined the faculty of the School of Electrical Engineering at Georgia Tech at the rank of Professor. He was made a Regents' Professor in 1977. At Georgia Tech he introduced new microwave course work at both the graduate and undergraduate levels, as well as in continuing education programs. His Ph.D students have concentrated on the general areas of microwave materials, transmission lines, and measurements and in superconductivity.

Dr. Rodrigue was an elected member of MTT-S AdCom from 1970 to 1979. He served as MTT-S President in 1976. He is a Fellow IEEE and has served on the IEEE Board of Directors, Executive Committee, Technical Activities, United States Activities, and Publications Boards. He was IEEE Vice President of Publication Activities in 1982 and 1983. He was chairman of the International Microwave Symposium Steering Committees in 1974 and again in 1993.

Georgia Tech Electrical Engineering seniors elected Dr. Rodrigue the Outstanding Teacher in Electrical Engineering in 1971 and in 1979. He received the Georgia Tech Outstanding Teacher Award in 1972. In 1984 he received the IEEE Region 3 Outstanding Engineering Educator Award. In 1984 he also received one of the IEEE Centennial Medals, and in 1985 the MTT-S Distinguished Service Award.

He and his wife, Mary, have been married for 40 years and have six children and four grandchildren.