

Arthur D. Yaghjian received the B.S., M.S., and Ph.D. degrees in electrical engineering from Brown University, Providence, RI in 1964, 1966, and 1969.

During the spring semester of 1967, he taught mathematics at Tougaloo College, MS. After receiving the Ph.D. degree he taught mathematics and physics for a year at Hampton University, VA, and in 1971 he joined the research staff of the Electromagnetics Division of the National Institute of Standards and Technology (NIST), Boulder, CO. He transferred in 1983 to the Electromagnetics Directorate of the Air Force Research Laboratory (AFRL), Hanscom AFB, MA, where he was employed as a Research Scientist until 1996. In 1989, he took an eight-month leave of absence to accept a visiting professorship in the Electromagnetics Institute of the Technical University of Denmark. He presently works as an independent consultant in electromagnetics. His research in electromagnetics has led to the determination of electromagnetic fields in materials and “metamaterials,” the development of exact, numerical, and high-frequency methods for predicting and measuring the near and far fields of antennas and scatterers, the characterization and design of electrically small antennas and supergain arrays, and the reformulation of the classical equations of motion of charged particles.

Dr. Yaghjian is a Life Fellow of the IEEE, has served as an Associate Editor for the IEEE and URSI, and is a member of Sigma Xi. He has received three best paper awards from the IEEE, two from NIST, and two from AFRL.