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**Principal Research Physicist**  
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**Education**

Rutgers University, Department of Physics, Ph.D 1969  
Thesis Title: "Fluctuations in Superconductive Films in a Magnetic Field"  
Rutgers University, Department of Physics, M. S. 1966  
Thesis Title: "Non-conservation of Parity in Beta and Muon Decay"  
Massachusetts Institute of Technology, Department of Physics, B. S. 1964  
Thesis Title: "Isomer Shifts of  $W^{182}$  and  $W^{184}$ ,"

**Professional Experience**

Massachusetts Institute of Technology, Cambridge, Mass.  
Plasma Science Fusion Center  
2001-present, Visiting Scientist  
Princeton University, Princeton, New Jersey  
Plasma Physics Laboratory  
2001-present, Principal Research Physicist  
1993-2001, Research Physicist  
1990-1993, Staff Research Physicist  
1982-1990, Staff Engineer  
Geophysical Fluid Dynamics Laboratory  
1980-1982 Research Associate  
Department of Physics  
1977-1980, Visiting Research Fellow, Research Associate  
Department of Chemistry  
1976-1977, Instructor in Quantum Chemistry  
Rutgers University, New Brunswick, New Jersey  
Department of Physics  
1969-1970, Postdoctoral research, Instructor in Thermodynamics, Quantum Optics

**Awards, Fellowships**

1977-1980 National Research Service Award, Princeton University, Dept. of Physics  
1966-1968 Rutgers University Research Fellowship, Department of Physics

**Service**

2000-present American Physical Society, Division of Plasma Physics,  
Committee for Women in Plasma Physics, (2000-2004, Chair (2000-2002))  
APS-DPP Nominating Committee (2003, Chair 2004)  
1997-1998 American Physical Society Maria G. Mayer Award Selection Committee  
1994-1997 American Physical Society Centennial Meeting Steering Committee