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Education: 1955 B.S. Newark College of Engineering  
1960 Ph.D. University of Rochester

### Professional

Record: 1960–61 Postdoctoral Research Associate, University of Rochester  
1961–62 Postdoctoral Research Associate, Brandeis University  
1962–65 Assistant Professor, Brandeis University  
1965–68 Associate Professor, Brandeis University  
1968– Professor, Brandeis University  
1969–70 Visiting Professor, Rockefeller University  
1974–75 Harvard University (on leave – fall)  
1976–77 Harvard University (on leave – spring)  
1978–80 Associate Editor, Physical Review Letters  
1981–83 Chairman, Physics Department, Brandeis University  
1983–84 Harvard University (on leave)  
1990–91 Harvard University (on leave – spring)  
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### Academic

Honors: 1955–56, 1957–60 National Science Foundation Predoctoral Fellow  
1964–66 Alfred P. Sloan Foundation Fellow  
1972– Fellow of the American Physical Society  
1983–84 John S. Guggenheim Foundation Fellow  
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“D-Wave Effect on the Dispersion Equation Analysis of the  $\pi^-$ -Proton Scattering” (with G. Salzman), Bull. Am. Phys. Soc., Ser. II 2, 353 (1957).

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