## EDUCATION

- 1959: A.B., Chemistry (with honors), University of Pennsylvania
- 1959-60: Free University Berlin, Germany
- 1964: M.D., University of Pennsylvania School of Medicine
- 1967: Ph.D., Molecular Biology, University of Pennsylvania

## POSITIONS

- 2007-present: NIH Distinguished Investigator
- 1998-2007: Senior Biomedical Research Service,
- 1986-present: Chief, Laboratory of Chemical Physics (LCP), National Institute of Diabetes and Digestive and Kidney Diseases NIDDK), National Institutes of Health (NIH)
- 1986-present: Scientific Director, Intramural AIDS Targeted Antiviral Program (IATAP), Office of the Director, NIH
- 1972-present: Member, Permanent Scientific Staff, LCP
- 1976: Visiting Professor, Department of Biochemistry and Molecular Biology, Harvard University, Cambridge, MA Spring Semester
- US Public Health Service Ranks (USPHS): Medical Director (Captain, 06),1979-1998; Senior Surgeon, 1972-1978; Surgeon, 1968-70

## HONORS AND AWARDS

- 1957: Pi Mu Epsilon (National Honorary Mathematics Fraternity)
- 1958: Phi Beta Kappa
- 1962: Mary Ellis Bell Research Prize of School of Medicine
- 1964-67: Scholar of the Pennsylvania Plan to Develop Scientists in Medical Research
- 1977: Commendation Medal, USPHS
- 1981: Elected member, American Society of Clinical Investigation
- 1983: Elected member, Association of American Physicians

- 1987: Medal and Honorary Membership in the Societa' di Medicina e Scienzi Naturali di Parma
- 1990: Outstanding Service Medal, USPHS
- 1993: Meritorious Service Medal, USPHS
- 1997: Hillebrand Prize, Chemical Society of Washington, D.C.
- 1997: Elected Fellow, American Academy of Arts and Sciences
- 1999: Fellow, American Physical Society
- 2001: Fellow, Biophysical Society
- 2001-02: Phi Beta Kappa Visiting Scholar
- 2006: Founders Award, Biophysical Society
- 2006: Elected Member, National Academy of Sciences
- 2008: "New Challenges in Protein Science", a Symposium in Honor of William A. Eaton, University of Parma, Italy (2008)
- 2009: Hans Neurath Award, Protein Society
- 2009: Gordon G. Hammes Biochemistry Lectureship, American Chemical Society
- 2009: Humboldt Research Award for Senior Scientists
- 2010: John Scott Medal of the City of Philadelphia
- 2011: Elected Foreign Member, Accademia Nazionale dei Lincei, Rome
- 2011: Max Delbruck Prize in Biological Physics, American Physical Society
- 2012: NIH Director's Award
- 2014: Distinguished Graduate Award, Perelman School of Medicine, University of Pennsylvania
- 2015: Penn Chemistry Distinguished Alumni Award
- 2016: Doctor rerum naturalium honoris causa, Symposium on "Protein Folding Kinetics" Department of Physics, Free University Berlin
- 2018: Laurea honoris causa in Pharmaceutical Chemistry and Biotechnology, Workshop on "Proteins in Human Disease", University of Parma
- 2018: Festschrift, Journal of Physical Chemistry B