

## CURRICULUM VITAE

### I. GENERAL INFORMATION

Name: Stanley James Adelstein

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Place of Birth: New York, NY

### Education

1949	B.S., M.S.	Massachusetts Institute of Technology, Cambridge, MA
1953	M.D.	Harvard Medical School, Boston, MA
1957	Ph.D.	Massachusetts Institute of Technology, Cambridge, MA (Biophysics)

### Postdoctoral Training

#### Internship and Residencies

1953-54	Medical House Officer, Peter Bent Brigham Hospital, Boston, MA
1957-58	Senior Assistant Resident Physician, Peter Bent Brigham Hospital
1959-60	Chief Resident Physician, Peter Bent Brigham Hospital

#### Research Fellowships

1954-57	Fellow of the National Foundation for Infantile Paralysis at the Department of Biology, Massachusetts Institute of Technology
1957-58	Fellow of the Howard Hughes Medical Institute, Boston, MA
1958-59	Moseley Traveling Fellow of Harvard University at the Department of Radiotherapeutics, Cambridge University, Cambridge, England
1959-60	Henry A. and Camillus Christian Fellow at the

Harvard Medical School  
1960-63 Fellow of the Medical Foundation at the Department of  
Anatomy, Harvard Medical School  
1960-68 Philip H. Cook Fellow in Radiology, Harvard Medical  
School  
1965-68 Career Development Awardee of the U.S. Public Health  
Service  
1968 Fellow at the Division of Nuclear Medicine,  
Johns Hopkins Hospital, Baltimore, MD  
1976 Fogarty Senior International Fellow of the U.S. Public  
Health Service at the Clinical Physiology Laboratory,  
University of Pisa, Italy

#### Licensure and Certification

1954 Massachusetts License, Registration 23929  
1972 American Board of Nuclear Medicine, Certificate 01717

#### Academic Appointments

1948-49 Teaching Fellow in Biology, Massachusetts Institute of  
Technology  
1950-51 Research Assistant in Biology, Massachusetts  
Institute of Technology  
1956-57 Research Fellow in Medicine, Harvard Medical School  
1960-63 Junior Assistant in Medicine and Radiology, Harvard  
Medical School  
1961-63 Instructor in Anatomy, Harvard Medical School  
1963-65 Associate in Anatomy, Harvard Medical School  
1965-68 Assistant Professor of Anatomy, Harvard Medical School  
1968-72 Associate Professor of Radiology, Harvard Medical  
School  
1972-89 Professor of Radiology, Harvard Medical School  
1989-97 Paul C. Cabot Professor of Medical Biophysics, Harvard  
Medical School  
1997-03 Daniel C. Tosteson University Professor, Harvard  
2003- Paul C. Cabot Distinguished Professor of Medical Biophysics

#### Hospital Appointments

1954-57 Assistant in Medicine, Peter Bent Brigham Hospital  
1963-68 Associate in Medicine, Peter Bent Brigham Hospital  
1963-65 Associate in Radiology, Peter Bent Brigham Hospital  
1965-68 Senior Associate in Radiology, Peter Bent Brigham  
Hospital

- 1968-92 Director, Division of Nuclear Medicine, Peter Bent Brigham Hospital (now Brigham and Women's Hospital, Boston, MA)
- 1970-78 Chief, Nuclear Medicine Services, The Children's Hospital, Boston, MA
- 1982- Physician, Dana-Farber Cancer Institute, Boston, MA
- 1992- Senior Radiologist, Brigham and Women's Hospital
- 1978-2005 Consulting Radiologist, The Children's Hospital

#### Hospital and Health Care Organization Service Responsibilities

- 1970- 2003 Director, Joint Program in Nuclear Medicine, Brigham and Women's Hospital-Beth Israel Hospital-Children's Hospital-Dana Farber Cancer Institute - Massachusetts General Hospital - Veterans Administration Medical Center

#### Major Administrative Responsibilities

- 1978-82 Director, MD-PhD Program, Harvard Medical School
- 1978 Chairman, Division of Medical Sciences, Graduate School of Arts and Sciences, Harvard University
- 1978-97 Executive Dean for Academic Programs in the Faculty of Medicine, Harvard Medical School

#### Major Committee Assignments

##### National and Regional

- 1970-74 Panel on Radiopharmaceuticals for Committee on Scope of the United States Pharmacopeia
- 1970-73 Radiology Review Panel of the Inter-Society Commission on Heart Disease Resources
- 1971-72 Advisory Committee on Nuclear Medicine Services, Commonwealth of Massachusetts
- 1971-77 Committee on Administered Radioactivity, National Council on Radiation Protection and Measurements
- 1972-73 Subcommittee on Nuclear Medicine, Advisory Committee of Association of University Radiologists - Society of Chairmen of Academic Radiology Departments
- 1972-74 Administrative Council on Nuclear Medicine Services, United States Veterans Administration
- 1972-78 American Board of Nuclear Medicine, Secretary 1975-78
- 1973-74 Subcommittee on Self-Evaluation in Nuclear Radiology, American College of Radiology
- 1973-84 Chairman, Panel on Cardiovascular Nuclear Medicine, Inter-society Commission on Heart Disease Resources
- 1973 Ad hoc member, Radiation Study Section, National

Institutes of Health  
1974-77 Diagnostic Radiology Committee, National Institutes  
of Health  
1974 Nuclear Medicine Committee, Oak Ridge National  
Laboratory  
1975-76 Task Force on Nuclear Medicine, Energy Resources  
Development Agency  
1976-77 Medical Radioisotope Committee, Los Alamos  
Scientific Laboratory  
1977-78 Diagnostic Research Advisory Group, National  
Cancer Institute  
1978- National Council on Radiation Protection and  
Measurements  
    Director 1980-83  
    Vice-President 1983-2002  
1979-82 Visiting Committee for the Medical Department, Brookhaven  
National Laboratory  
1981-92 Director, Whitaker Health Sciences Fund  
1982-87 Director, Harvard Community Health Plan Foundation  
1983-92 Scientific Advisory Committee, Whitaker Foundation  
1987-90 Co-Chairman, IOM-NRC Committee on Promoting Research  
Collaboration  
1987-93 Chairman, Advisory Committee for the Lawrence Berkeley  
Laboratory Bevatron Biomedical Program  
1992-97 Fellowship Advisory Committee, Whitaker Foundation  
1993-95 Chairman, IOM Committee on Biomedical Isotopes  
1996-00 Board of Directors, National Space Biomedical Research  
Institute  
1997-00 External Advisory Council, The Johns Hopkins Institute for  
Advanced Science and Technology in Medicine  
1998-05 Board on Radiation Effects Research, National Academy of  
Sciences (Chair: 2002-05)  
1998-02 Chairman, Report Writing Committee on "Specifications of Dose  
in Nuclear Medicine", International Commission on Radiation  
Units and Measurements  
2001 - Member, Biological and Environmental Research Advisory  
Committee, Department of Energy  
2002- Member, Research College Board, University of Tasmania  
2005- Vice-Chair, Nuclear Radiation Studies Board, National Academy  
of Sciences  
2006-07 Report Writing Committee on "Advancing Nuclear Medicine  
Through Innovation" National Research Council and Institute  
of Medicine of the national Academies

Harvard Medical School

1961-68 Library Committee, Department of Anatomy  
1965-75 Examinations Committee  
1974-78 Standing Committee of the M.D.-Ph.D. Program  
1975-78 Board of Student Advisors  
1978-97 Various Committees as Dean for Academic Programs  
1999-00 Chair, Dean's Committee on Joint Center for Radiation Therapy  
1999- Committee on Awards and Honors (Chair: 2001-

Peter Bent Brigham Hospital/Brigham and Women's Hospital

1960-63 Pharmacy Committee  
1961-78 Radiation Safety Committee, Chairman 1968-78  
1978-79 Executive Committee as President of the Medical Staff  
1997-03 Chair, Radiology Research Council

Harvard University

1998-2003 Chair, University Research Policy Committee  
1998-2003 University Health Services Executive Committee  
Chair, University Advisory Committee on Human Subjects  
research  
2002-2003 Chair, Provost's Advisory Committee on Biodefense Research  
and Regulations

Professional Societies

1951-53 Boylston Medical Society  
1957-03 Biophysical Society  
Education Committee 1973-74  
1958- Association for Radiation Research  
1959- Radiation Research Society  
Councilor in Medicine 1975-78  
1965- American Chemical Society  
1965-90 American Society for Cell Biology  
1968- Society of Nuclear Medicine  
Scientific Program Committee 1969, 1970  
Trustee 1970-74  
Publications Committee 1970-74, Chairman 1971-74  
Scientific Affairs Committee 1970-74  
Executive Committee 1971-74  
Finance Committee 1971-74  
MIRD Committee 1972-75

Committee on Public Health and Efficacy 1972-77  
Committee on Future 1977-78  
1974- American College of Nuclear Physicians  
1978 Scientific Co-Chairman, Second International  
Congress of Nuclear Medicine and Biology  
1982-90 Radiologic Society of North America  
1984-2000 Association of University Radiologists  
1995- Health Physics Society

#### Editorial Boards

1970-80 Editorial Board, Journal of Nuclear Medicine  
Associate Editor 1975-80  
1971-80 Editorial Board, Investigative Radiology  
1990-94 Editorial Board, Radiation Research

#### Awards and Honors

1947 Tau Beta Pi  
1952 Alpha Omega Alpha  
1957 Sigma Xi  
1980 Quitman Lecturer, Technion Faculty of Medicine, Haifa,  
Israel  
1981 Elected Fellow, American College of Nuclear Physicians  
1982 Annual Orator, New York Roentgen Society  
1983 Herman L. Blumgart Award, Society of Nuclear Medicine  
1985 Elected Member, Institute of Medicine of the National  
Academy of Science  
1986 Paul Aebersold Award, Society of Nuclear Medicine  
1987 Elected Fellow, American Association for the Advancement of  
Science  
1992 Merrill C. Sosman Lecturer, HMS-BWH  
1996 Walter Dandy Lecturer, The John Hopkins School of Medicine  
1996 William D. Kaplan Lecturer, HMS-BWH  
1998 John Cameron Lecturer, University of Wisconsin  
1999 Georg de Hevesy Award, Society of Nuclear Medicine  
2000 Lauriston Taylor Lecturer, National Council on Radiation  
Protection and Measurements  
2003 Holman-Kaplan Lecturer, NY-New England Chapter, Society of  
Nuclear Medicine