

LEONIDAS D. MARINELLI

Birthplace: Buenos Aires, Argentina
U. S. Citizenship: November 14, 1932
Date of Birth: November 28, 1906
Education: 1925— Graduate of the Royal Industrial Institute A. Volta, Naples
 1931— B.S. (Electrical Engineering) Cooper Union School of Engineering
 1936— M.A. (Physics) Columbia University, New York City
 1938— Completed course requirements for the candidacy of Doctor of Philosophy in the Division of Mathematical and Physical Sciences of Columbia University's Graduate School
Positions: 1926—27 Tester, Habirshaw Wire and Cable Co., Yonkers, N.Y.
 1927—29 Tester, N. Y. Edison Co., Meter Testing Dept.
 1929—35 Technician, Memorial Hospital, New York City
 1935—43 Assistant Physicist, Memorial Hospital, New York City
 1943—45 Physicist-in-Charge, Memorial Hospital, New York City
 1944—49 Assistant Professor of Radiology (Physics), Cornell University Medical College
 1945—49 Member of Sloan-Kettering Institute and Head of Division of Physics and Biophysics
 1946— Consultant, U. S. Army, Radiological Safety Section, (Operation Crossroads)
 1947— Consultant, Brookhaven National Laboratory, Long Island, New York
 1947— Consultant, U. S. Public Health Service, Bethesda, Md.
 1948— Visiting Lecturer, University of Chicago, Chicago, Ill.
 1948—55 Research Associate (Assistant Professor of Radiology) University of Chicago, Chicago, Ill.
 1948—63 Senior Biophysicist and Associate Director, Radiological Physics Division, Argonne National Laboratory, Argonne, Ill.
 1949— Consultant, Sloan-Kettering Institute, New York City
 1950—60 Senior Biophysicist and Associate Director, Division of Biological and Medical Research, Argonne National Laboratory, Argonne, Illinois
 1951—54 Consulting Physicist, James Ewing Hospital, New York City
 1954—61 Special Assignment, Physicist, Memorial Center, New York City

Positions (contd.):	1954-57	Associate Editor, <u>Radiation Research</u>
	1955-	Research Associate (Associate Professor) Department of Radiology, University of Chicago
	1961-	Physicist, Consultant, Memorial Hospital, New York City
	1963-68	Director, Radiological Physics Division, Argonne National Laboratory, Argonne, Ill.
	1968-71	Senior Biophysicist, Radiological Physics Division, Argonne National Laboratory, Argonne, Ill.
Societies:	1938-60	Member, American Physical Society
	1940-70	Member, Radiological Society of North America
	1940-	Fellow, American Association for the Advancement of Science
	1943-	Member, New York Roentgen Ray Society
	1944-70	Member, American Radium Society
	1959-60	Second Vice-President of the American Radium Society
	1946-	Member, Harvey Society
	1947-	Associate Fellow, American College of Radiology
	1948-55	Member, New York Academy of Sciences
	1950-64	Member, Sigma Xi Society (Chicago Chapter)
	1952-69	Member, Radiation Research Society
	1954-57	Member, American Nuclear Society
	1964-71	Member, Scientific Research Society of America
	1964-70	Member, American Association of Physicists in Medicine
	Committee Memberships:	1938-47
1945-49		Member, Committee on Growth, Radiobiology Panel, National Research Council
1946-54		Member, Subcommittee on Beta and Gamma Ray Measurements, Committee on Nuclear Science, National Research Council
1946-50		Member, Subcommittee on Radiobiology, Committee on Nuclear Science, National Research Council
1947-49		Chairman, Subcommittee on X-Ray and Electrons Above 2 MeV, National Advisory Commission on Radiation Protection
1947-69		Member, Committee on Internal Dose, National Advisory Commission on Radiation Protection
1947-66		Member, Commission on Radiological Units, Standards and Protection, American College of Radiology
1947-48		Member, Committee on Isotopes, Cornell Medical School
1947-48		Member, Editorial Board, <u>Nucleonics</u>
1948-60		Member, Editorial Board, <u>Cancer</u>
1949-55		Member, Subcommittee on X-Ray and Electrons above 2 MeV, National Advisory Committee on Radiation Protection

Committee
Memberships
(contd.):

- 1950-53 Advisory Counsellor, Mixed Commission of Radiobiology, International Union of Biological Sciences
- 1950-71 Member, Committee on Permissible Dose for Internal Radiation, International Commission on Radiological Protection
- 1953-54 Member, Radiation Research Society Membership Committee
- 1953-56 Member, Council of the Radiation Research Society
- 1954-55 Member, Advisory Panel to the Division of Atomic and Radiation Physics of NBS (representing American College of Radiology)
- 1954- Member, Committee on Heavy Particles, National Advisory Committee on Radiation Protection
- 1954-55 Member, Dosimetry Panel of the Radiation Research Society
- 1955- Member, Committee No. 6, Handling of Radioactive Isotopes and Fission Products, National Commission on Radiation Protection
- 1955-56 Chairman, Membership Committee, Radiation Research Society
- 1955-56 Member, Low Level Detection Committee, Argonne National Laboratory
- 1956-57 Member, Standards Policy Committee of American Nuclear Society
- 1957-63 Member, AEC Advisory Committee for Biology and Medicine
- 1957- Member, International Board of Collaborators of "Minerva Nucleare," Journal of Italian Society for Radiobiology and Nuclear Medicine.
- 1958-70 Member, Advisory Board to Health Physics journal.
- 1960-64 Member, World Health Organization Expert Advisory Panel on Radiation
- 1962-68 Member, U. S. Public Health Service National Thorotrast Advisory Group
- 1965-69 Radiological Health Advisory Committee on the Bioeffects of Radiation, U. S. Public Health Service
- 1965-68 Radiological Health Study Section on Research Grants
- 1969- Bureau of Radiological Health, Consultant to the Director
- 1970- "Mancuso Study"

Honors:

- 1951 Certificate of Merit—Exhibit on Radium Toxicity, Radiological Society of North America
- 1952 Certificate of Merit for Research of Scientific Value: Scientific Exhibit on Clinical Investigation of Radium Toxicity. American Academy of Orthopaedic Surgeons
- 1958 Janeway Medal. American Radium Society. Janeway Lecture
- 1964 Failla Memorial Lecture. New York Chapter of Health Physics Society