

Shlomo Nir

Curriculum Vitae

Research interests: 1.Environmental studies i. Water purification.ii.Development of herbicide formulations for reduced leaching.iii.Development of photostable herbicide formulations .iv.Clay - organic interactions.v.Cation adsorption and binding. 2.Surface aggregation.3.Leakage and Pore formation.4.Membrane fusion.5.Cellular uptake and cellular killing by drugs.

1934 Born Prague;1939 Emigrated to Israel;High School education:Ironi A,tel-Aviv.
1952-4 Military Service-Asraeli Army.1954-1959 Kibbutz Sassa.
1959 Began studies in the Faculty of Mathematics and Physics,The Hebrew University of Jerusalem.
1962 B.Sc. 1964 M.Sc.-Theoretical Physics 1969 Ph.D-Theoretical Physics.
1964 Assistant ;1968 Instructor at the Department of Theoretical Physics;HUJ
1970 Fellowship at the Institute of Life Sciences,HUJ.

1970-1980 Roswell Park Memorial Institute,Buffalo NY. Cancer Research Scientist I-IV. Areas of research:Van der Waals interactions;Quantum Chemistry;Liposomes;Particle aggregation;Cation binding.
1972 Research Assistant Professor of Biophysics at Roswell Park;Division of State University of New York at Buffalo;1977 Research Associate professor

1980 Associate Professor ;Hebrew University of Jerusalem; Faculty of Agriculture; Department of Soil and water Sciences
1986 –present Professor.Since Oct. 2003 Emeritus.

Sabbatical periods:1985-6 ;NIH and Uniformed Services University of the Health Sciences,Bethesda,MD;1991-2 Visiting Professor at University of California at San Francisco(UCSF) , University of Pacific and University of Groningen. 1996 (6 months) Visiting Professor at UCSF. 2003(6 months). Visiting Professor at the Basque University at Bilbao (April-August) and UCSF (August-September).

Oct. 1989- Oct.2005 Chairman of Israeli Clay Society.

Marital Status:Married.