

Prof. Tuvia Schlesinger D.Sc.

Prof. Tuvia Schlesinger was born in Hungary in 1935.

He immigrated to Israel (then Palestine) in 1947

M.Sc.- in Physics, Mathematics and Meteorology , the Hebrew University in Jerusalem in 1962.

D.Sc- in Solid State Physics in the Technion, Israel Institute of Technology in Haifa in 1969.

(Thesis - The Electrical Conductivity and the Structure of Thin Silver Films Evaporated in Ultra High Vacuum).

He is married, 3 children and many grand children.

EMPLOYMENT

- 2002-present, Full professor and Head of the Medical Physics Department, The Ariel University Center, Ariel.
- 2000-present, .Radiation Protection Consultant, The Israeli National Coal Ash Board
- 1970- 2000 employed by the Israel Atomic Energy Commission in its Soreq Nuclear Research Center, (Soreq NRC) , served in different functions, among them:
 - Director, Soreq Radioisotope Training Center, Soreq NRC (1973-1992).
 - Head, Radiation Safety Department, Soreq NRC (1977 –1980).
 - Head, Health Physics Domain, Soreq NRC (1980-2000).

PUBLICATIONS

See list of publications (list includes about 270 titles)

PUBLIC FUNCTIONS

2002-2009 Scientific Secretary and Coordinator of the Israeli National Commission on the Control of Radiation (ionizing and non ionizing). He is member of this Commission since 1996.

1996-2002 Scientific Secretary and Coordinator of the Israeli National Committee on the Protection of the Patient in Medical Exposure.

1977-1992 Member of IRPA's Exectuvie Council

1977-1980 Vice President of IRPA for Congress Affairs

1980 President Vth, IRPA Congress, Jerusalem, April 1980.

ACADEMIC APPOINTMENTS

- 2002– present, Full professor, and Head of the new Medical Physics Department The Academic College of Judea and Samaria, Ariel, Israel
- 1978- present Associate Professor, School of Medicine (in the Dep. of Continuing Education and in the Faculty for Occupational Hygiene).
- 1993 Visiting Fellow, University of Cambridge, U.K.
- 1988 Visiting Professor, Royal Post Graduate Medical School, University of London.
- 1985 Visiting Fellow, The Institute of Cancer Research Royal Marsden Cancer Hospital, Sutton, Surrey, and U.K, (Lord Marx Fellowship).
- 1975 Visiting Scientist, The Radio-pharmacy Program, USC School of Pharmacy, Los Angeles, CA (IAEA fellowship)

INTERNATIONAL PROFESSIONAL ACTIVITIES

- 1997 IAEA Technical Cooperation program expert in the Brazil Dose Calculations and Handling of Accidents in Connection With the Production of I-131 for Medical Uses in Brazil.
- 1993-1994 Member of IAEA'S Technical committee for drafting and review of IAEA Safety Series No.115 (Basic safety Standards for Protection Against Ionizing Radiation and for the Safety of Radiation Sources).
- 1991-1992 Member in a WHO/IAEA working group on Reexamination of Guidelines for Indoor Radon, London, March 1992.
- 1988 Member of IAEA's Advisory Group on Intervention and Derived Intervention Levels, Vienna, 21-25 Nov. 1988.
- 1981-1982 IAEA Technical Cooperation program, IAEA Expert Missions in the Philippines under the project - Medical Physics Training.

Research Fellowships/Scholarships

- 2000 Visiting Scientist, British Institute of Radiology, London, UK
- 1997 Visiting Professor- Addenbrooke's Hospital Cambridge U.K. - R&D related to Quality Assurance of diagnostic radiology imaging equipment.
- 1993 Visiting fellow - Addenbrooke's Hospital Cambridge U.K. - R&D, related to the Assessment of the Radiation Dose in RadioIodine Therapy of Thyroid Cancer.
- 1988 Visiting Professor - Hammersmith Hospital – London, Research related to Magnetic - Radioactive - Micro sphere Therapy.
- 1985 Visiting Scientist - The Royal Marsden Hospital, London, and U.K. Research related to Radioiodine Therapy of Thyroid Cancer.

Membership in International and National Professional

1. International Radiological Protection Association - IRPA.

- Member since 1970.
- Vice President of IRPA for Congress Affairs - 1977-1980.
- Chairman of the Vth International IRPA Congress - 1980.
- Member of IRPA's Executive Council - 1980 - 1988.
- Receiving IRPA's Outstanding Service Award - 1992.

2. Israel Health Physics Society

- Member since 1970.
- President 1999- 2001.
- President 1994 – 1997.
- President - 1989 - 1991.
- President - 1984 - 1986.

3. Israel Physical Society

Member since 1970.

4. International Radiopharmacy Society

Member since 1988.

5. Israel Medical Physics Society

Member since 1980.

6. Israel Nuclear Society, Member since 1975.