



הפקולטה לכימיה
Faculty of Chemistry

מכון ויצמן Weizmann Institute
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Professor Yehiam Prior, Dean
Sherman Professor of Chemical Physics

Curriculum Vitae

Education

- 1971 - B.Sc. Hebrew University, Jerusalem (Physics and Math.)
1977 - Ph.D. University of California, Berkeley, Physics (Advisor: Professor E.L. Hahn)
1977 - 1979 Harvard University, Fellow (Postdoc. with Prof. N. Bloembergen)

Academic Employment

- 2000 - WIS, Professor
1992 - Sherman Professorial Chair in Chemical Physics
1986 - 2000 WIS, Associate Professor
1981 - 1986 WIS, Senior Scientist
1979 - 1981 WIS, Fellow
Sabbatical leaves – Bell Communications Research, New Jersey (full year. 1987)
Ecole Normal Superieur, Paris (Summer, 1994)
ONERA (French Space Agency) Paris (Summer, 1995)

Professional Public Service

- 2006 - Head, Nanotechnology Initiative program, Weizmann Institute
2006 - Alternative Energy Research Initiative (WIS), Steering Committee
2006 - **Dean**, Faculty of Chemistry, WIS
2004 - 2006 Chair of the Scientific Council, WIS
2004 - 2006 Optical Society of America, Board of Directors,
2004 - 2006 Optical Society of America, Chair, International Council
1998 - 2002 European Physical Society, Quantum Electronics and Optics Division, Board of Directors
1996 - 2000 Head, Division of Information Systems, WIS
1993 – 2001 Yeda (WIS IP commercialization arm) Board of Directors
1989 - 1995 Chairman, Department of Chemical Physics, WIS

Industrial Experience And Consulting

- 2001 - 2003 Orbotech, Consultant, (Laser Material Processing)
1990 - 1998 Orziv, Co-founder (Laser Material Processing).
1988 - 1990 Bell Communication Research, Consultant (Optoelectronics)
1985 - 1986 Tecrir Inc., Consultant (High power industrial CO2 lasers)
1982 - 1985 Laser Industries Inc., Consultant (Medical applications of lasers)

Personal Data

- Date of Birth August 27, 1947
Marital Status Married to Drora, four daughters, five granddaughters.
Military Service 1965-1968, Israeli Army, Paratroopers, Lieutenant

Topics Of Interest

Nonlinear and ultrafast optics, Light matter interaction, Near Field Optics, Laser Material Processing, Molecular alignment in strong laser fields, Noise in lasers, Diamond growth.