

Vita MIRIAM HARAN, Ph. D.

E-mail: m.haran@ono.ac.il



EDUCATION:

- 1972-1978** Ph.D. Organic Chemistry, Brandeis University, Waltham, Massachusetts. (1978)
- 1969-1972** B.Sc. Chemistry, Hebrew University, Jerusalem, Israel. (1972)

EXPERIENCE:

- 2006-** Head of M.B.A. Environmental Management Specialization, Ono Academic College. Environmental consultant for major Israeli companies.
Other current activities:
Chair of the Environmental Committee of United Jewish Communities' Tel Aviv - Los Angeles Partnership, board member of the "Environmental Services Company", member of the public committee of "Maala" - a non profit organization which ranks Israeli companies according to a corporate social and environmental responsibility index and a member of the Israeli Presidential Task Force for promoting the Environment in Israel
- 2003-2006** Director General, Israel Ministry of the Environment, Jerusalem. Responsible for advancing the state of the environment in Israel with 500 employees and a budget of 220 million shekels.
- 2000-2003** Deputy Director General for Industries, Israel Ministry of the Environment, Jerusalem .
Responsible for Industries with respect to: air quality, hazardous substances, industrial waste water and fuels, radiation, noise, business licensing and asbestos.
- 1999-2000** Chief Scientist, Israel Ministry of the Environment, Jerusalem. Managed research programs of the Ministry, established relations with international environmental organizations, published technical and professional information, lectured on environmental issues, represented the Ministry in international and national committees, head of professional Ministerial committees.
- 1996-1999** Deputy Chief Scientist, Israel Ministry of the Environment, Jerusalem.

Head of ad hoc committees, managed research projects, promoted interaction with the academia, Ministry of Science and other ministries, organized and coordinated conferences.

- 1994-1996** Executive Assistant to the Director, The Center for Applied Studies of the Environment, Hunter College, New York, NY. Monitored, coordinated, managed, and solicited environmental projects, including high-tech projects involving Geographical Information Systems (GIS)
Supervised other personnel and managed the financial administration of the main part of the Center (over one million dollar budget), as well as administrating the operational activities of the Center.
- 1990-1993** Senior Researcher. A.Y. Laboratories (water treatment consulting firm), Tel Aviv, Israel.
Developed tailor-made solutions for water-related problems in the food, paper, textile and microelectronics industries.
- 1992-1993** The Hadassah College of Technology, Jerusalem, Israel.
1982-1987 Teaching applied chemistry for laboratory technicians.
- 1989-1990** Researcher, Rutgers University, Newark, New Jersey (sabbatical).
Synthesized model systems for studying a naturally occurring enzyme and its cofactors. Supervised the work of a graduate student.
- 1987-1989** Researcher, Unikoor Biotechnology, Jerusalem, Israel.
Optimized production process and developed an efficient and environmentally safe pesticide.
- 1978-1986** Hebrew University, Jerusalem, Israel.
1982-1986 Senior Lecturer of Chemistry.
1978-1982 Research Associate/Lecturer, School of Pharmacy.

AWARDS:

Fohs Fellowship (1972-1973). Grant awarded to a foreign student for graduate study in the United States.

Grant awarded (1978-1981) to young researchers doing research in Chemistry with medical applications.

LIST OF PUBLICATIONS:

Refereed Publications:

1. "Direct Observation of the Kinetic Fate of a Thiamin- Diphosphate- Bound Enamine Intermediate of Brewer's Yeast Pyruvate Decarboxylase. Kinetic and Regiospecific Consequences of Allosteric Activation," by X. Zeng, A. Chung, M. Haran and F. Jordan.
Journal of the American Chemical Society 111, 5842 (1991).
2. "Lithium Ion Promotion in the Synthesis of Novel Dinuclear Iron-Carbyne Complexes, by M. Nitay (Haran), W. Priester and Mr. Rosenblum.
Journal of the American Chemical Society 100, 620 (1978).
3. "Importance of Cationic Assistance in the Reaction of $M \eta^5(C_6H_5Fe(CO)_2)_2$ Salts with Epoxides," by M. Nitay (Haran) and M. Rosenblum.
Journal of Organo-Metallic Chemistry 136, C23 (1977).
4. "Synthesis and Study of a New Class of Stereochemically Dynamic Dinuclear Iron Carbyne and Carbene Complexes."
Doctoral dissertation in the field of Organometallic Chemistry (June 1978).
5. "Geometrical Isomerism in the Dibenzopentafulvalene Series," by I. Agranat, M. Rabinoviz, M. Weissman (Haran) and M.R. Pick.
Tetrahedron Letters, 3379 (1972).
6. "The Spatial Structure of Tetrabenzo (5,7) Fulvalene," by I. Agranat and M. Weissman (Haran).
Tetrahedron Letters, 273 (1972).
7. "Quality Indicators of the State of Chemical Pollution in Israel", by Haran M., Samuels R., Gabbay S. and Mingelgrin M.
Israel Journal of Chemistry, Vol. 42, (2002).

Non-Refereed Publications:

1. "A Proposed Plan for an Environmental Assessment of Chinatown," by Clarke, M., Goldsmith, V., Fillos, J., and Haran, M., 1995. 43p. + 7 app.2
2. "PERC Source Identification and Pollution Prevention Project." Final Rpt. to NYC DEP. 15p. + 8 appendices, by Haran, M., Goldsmith, V., Yapijakis, C., and others, 1995.
3. "Development of Environmentally Responsible Building Guidelines for New York City Capital Construction Final rpt. to NYC Mayor's Office of Construction", by Haran, M., Goldsmith, V., Griffis F.H., and others, 1996.

4. "Recommendation for Flue-Gas Cleaning Systems" by Haran, M. and others. Report of the Committee on Scrubbers for Power Station Rutenberg B of the Israel Electrical Company. January 1997.
5. "Guidelines for Environmentally Friendly Buildings", by Haran, M. and others. Compiled for the Israeli Ministry of Environment. (In Hebrew) Presented in a Green Buildings conference, held on June 1997 in Jerusalem Israel.(Head of Organizing Committee - Haran, M.).
6. "Increasing Factory Profits via Environmental Investment - A Guide for the Perplexed", by Haran, M., Mingelgrin, U. and Samuels, R.,. (In English and Hebrew). Prepared for a conference on Economic Benefits of Environmental Investment at the Factory Level, held on March 1998 in Herzlia, Israel.(Head of Organizing Committee - Haran, M.).
7. "Environmental Business Opportunities in Israel" by Haran, M. The Israel Magazine of Industry, Technology & Subcontracting. February 1998.
8. "Economic Benefits of Environmental Investment" Hazardous Compounds, Vol 2, No. 3, 1998 (Hebrew).
9. "In-depth Review of Ireland Second National Communication under the United Nations Framework Convention on Climate Change" with other UN experts on Climate Change, Aug. 5, 1998.
10. "Environment - an Instrument for Investment", New Era in the Business World. Globes, October 26, 1998, (Hebrew).
11. "Environmental Business Opportunities in Israel" by Haran, M and Gabai S., Israel's Environmental Technologies and Company Index, Publication of the Ministry of the Environment, 1999.
12. "Green Hotel Guidelines" by Haran M. and Zimmerman S., March 1999, Publication of the Ministry of the Environment, 1999. (Hebrew).
13. "Environmental Indicators in Israel" by Haran, M. Samuels, R., Gabai, S. and Iusob D., Publication of the Ministry of the Environment, Jerusalem Israel, 2001.

Personal data

Date of birth: 13 September 1949

Married + 4

Military service: Lieutenant, Cadet Instructor.