

Curriculum Vitae

Personal Details:

Date and place of birth: December 3rd, 1944; Cairo, Egypt.

Date of immigration: 1956.

Citizenship: Israeli

Military Service: 1964-1966.

Marital status: married + 2 children

Address at work:

Department of Chemical Engineering, Ben-Gurion University of the Negev, P.O.Box 653, Beer-Sheva 84105, Israel. E-mail: armandb@bgu.ac.il, Tel. 972-8-6461799, Mobile: 052-5793085, Fax. 972-8-6477656.

Address at home:

Misheol Giveon 1, Beer-Sheva 84804, Israel. Tel. 972-8-6412302.

Education:

BSc. – 1967-1970, Faculty of Science, Hebrew University, Jerusalem.

Major subject: Chemistry, minor: Physics.

M.Sc. – 1970-1971, Physical Chemistry Department, Hebrew University, Jerusalem.

Major subject: Physical Chemistry.

Advisors: Professor Gabriel Stein and Dr. Miriam Shirom.

Thesis: "The Effect of Temperature on the Photochemistry of the Ferrocyanide Ion", Hebrew University, Jerusalem, Israel, 1971.

Ph.D. – 1971-1975, Graduate student, the Feinberg Graduate School, Weizmann Institute of Science, Rehovot, Israel.

Advisor: Professor Jost Manassen.

Thesis: "Homogeneous Catalysis of Oxygen Reduction in Aqueous Solutions", 1975.

Post-doctorate – 1978-1979, The Ohio State University, Columbus, Ohio, USA.

Advisor : Professor Ted Kuwana

Research: Electrocatalytic properties of metalloporphyrins towards oxygen reduction.

Employment History:

2001- present: Adjunct associate professor and then full professor (2008) in the Department of Chemical Engineering Department, Ben-Gurion University of the Negev, Israel.

1971-Feb 2006: Researcher at the Nuclear Research Centre- Negev (NRCN),

- Beer-Sheva, Israel. 1986- 1998: Head of the Laboratory of Electrochemistry and Corrosion, Physical Chemistry Department.
- 2004- 2006: Sabbatical at the Chemical Engineering Department, Ben-Gurion University of the Negev; research in the fields of porphyrin coatings, biomedical research, fuel cells, nanotechnology.
- 1998- 1999: Sabbatical at the Chemical Engineering Department, Ben-Gurion University of the Negev; research in the fields of electrocatalysis and electrochemical crystallization.
- 1985-1986: Sabbatical in Professor Royce W. Murray's laboratory, University of North Carolina, Chapel Hill, USA; research on electrochemical properties of conductive polymers and electrocatalytic aspects of modified electrodes.
- 1978-1979: Postdoctoral Researcher, The laboratory of Professor Ted Kuwana, Department of Chemistry, The Ohio State University, Columbus, Ohio, U.S.A; research on electrocatalytic properties of metalloporphyrins.