

Daniel Mandler - Curriculum Vitae

1. Personal:

Date of Birth: April, 12, 1958

Nationality: Israeli

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2. Education:

- 1980-83 B.Sc. in chemistry graduated with distinction Hebrew University of Jerusalem.
1983-84 Teaching diploma in chemistry, School of Education the Hebrew University of Jerusalem.
1984-88 Ph.D. in organic chemistry, graduated summa cum laude, the Hebrew University of Jerusalem. Advisor: Prof. I. Willner.
1988-1990 Post-doctoral studies, Department of Chemistry, the University of Texas at Austin, Texas. Advisor: Prof. A. J. Bard.

3. Appointments at the Hebrew University:

- 1990-94 Lecturer at the Department of Inorganic and Analytical Chemistry, Analytical and Physical Electrochemistry.
1994-98 Senior Lecturer at the Department of Inorganic and Analytical Chemistry, Analytical and Physical Electrochemistry.
1998-03 Associate Professor of Chemistry at the Department of Inorganic and Analytical Chemistry, Analytical and Physical Electrochemistry.
2003- Full Professor of Chemistry at the Department of Inorganic and Analytical Chemistry, Analytical and Physical Electrochemistry.

4. Additional Appointments at the Hebrew University:

- 2005-07 Head of the chemistry studies at the Hebrew University
2012-06 Vice Dean for Research of the Faculty of Science, the Hebrew University

5. Appointments and Visiting Fellowships in Other Institutes:

- June 1997- Department of Electrochemistry, Prof. D. M. Kolb, Ulm University.
Aug-Sept. 1998 – Visiting Fellow – Department of Physical Chemistry, Prof. J. Heinze, University of Freiburg.
Aug. 2001-Aug. 2002 – Visiting Fellow – Department of Chemistry, Prof. P. R. Unwin, University of Warwick, UK.
Jan. 2010-Feb. 2010 – Visiting Fellow – Department of Chemistry, Prof. E. Calvo, Buenos Aires University.
January 2012 – Adjunct Principal Scientist in the School of Materials Science and Engineering, Nanyang Technological University, Singapore.

6. Ex-Curriculum Activities:

- Member of the committee of chemistry education of the Ministry of Education.
Head of the sub-committee of chemistry education responsible for the new curriculum of chemistry in high school.
Secretary of the Israeli section of the Electrochemical Society.
Israel representative in the electrochemistry committee of IUPAC.
Chairman of the chemistry section of the Israeli Institute of Standards.

Organizer (together with Prof. J. Heinze) of the first international workshop on the Scanning Electrochemical Microscope (SECM) in Germany, September 6-8th 1997.

Organizer (chairman) of the second meeting of the Israeli Section of the Electrochemical Society, Jerusalem, May 1998.

Organizer (chairman) of the 4th Conference on Analytical Chemistry of the Israeli Society of Analytical Chemistry, January 2001.

Co-organizer of Isranalytica, the Israel Analytical Chemistry Meetings.

Co-organizer of the Scanning Electrochemical Microscopy Workshops.

Co-editor of the Journal of Solid State Electrochemistry.

Chairman of Isranalytica 2009, the Israel Analytical Chemistry Meeting.

Organizer of the 7th Workshop of Scanning Electrochemical Microscopy and Related Techniques, Ein Gedi, Israel, February 17-21, 2013.

Israeli officer of the Electrochemical Society.

Elected Chair of Division 1 (2017-8): Analytical Electrochemistry of the International Society of Electrochemistry.

Organizer (chairman) of the 10th International Conference of Molecular Imprinting, June 2018.

7. Honors and Awards:

1981 Amos de Shalit scholarship, Weizmann Institute of Science, Rehovot.

1983 Rector's award, the Hebrew University of Jerusalem.

1985 Award in the name of Sara Segal Dubrov, the Hebrew University of Jerusalem.

1988 Chaim Weizmann fellowship for post graduate scientists, the Weizmann Institute of Science, Rehovot.

1989 Schmidt award, the Weizmann Institute of Science, Rehovot.

1989 Award in the name of Aharon Kazir, the Hebrew University of Jerusalem.

1993 Award in the name of E. D. Bergmann, the National Academy of Sciences, Jerusalem.

1998 The Richard Willstätter lecture - Gesellschaft Deutscher Chemiker.

2007 Vigevani fellowship, the Hebrew University

2010 Fellowship in the frame of the program Raices-Milstein of the Ministry of Science, Technology and Innovation, Argentina

2013 Fellow of the International Society of Electrochemistry

8. Publications

More than 220 peer-reviewed publications, h-index of 45 with more than 6100 citations.

9. Expertise and Research Areas

Electrochemistry with high resolution (scanning electrochemical microscopy)

Electrochemical deposition and etching

Corrosion and corrosion inhibition

Sol-gel technology

Self-assembled monolayers and thin films

Functional coatings

Nanomaterials

Supercapacitors

Selective electrodes for heavy metals

Forensic science (fingerprint visualization)

My vision of the activity of a Vice-President of the ISE: The ISE has become the world leading electrochemistry society. As such, it should focus on attracting young electrochemists from all around the world and in particular in those countries where excellent research is not easy to carry out. The ISE should take advantage of existing communication facilities and create teaching and research forums and other on-line activities, which will make it simpler for scientists to share information and educate young students. Moreover, tightening the relationship with other electrochemical societies (India, Japan, USA) as well with the local regional sections of the ISE, should be advanced by various ways such as devoting special issues (or part of them) of *Electrochim. Acta* to describe their activities. Finally, I would like to see an increase in the involvement of the ISE members in suggesting and participating in new activities.