

TZIPORA RAKEDZON

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EDUCATION

2013- 2017

Technion- Israel Institute of Technology

Ph.D. Science Communication

Department of Education in Science and Technology

Dissertation: Writing intervention or interference: How does training scientists to write for academia affect their academic writing and popular science writing skills?

Advisor: Prof. Ayelet Baram-Tsabari

2001- 2005

Haifa University, Haifa, Israel

M.A. in Linguistics

Department of English Literature and Language

Thesis: "Ambiguity resolution and hemispheric specialization in deaf and hearing readers of Hebrew: the roles of phonology, orthography, and meaning frequency"

Advisor: Prof. Wendy Sandler; Prof. Zohar Eviatar

Thesis grade: 91

1997- 1999

The Gordon College for Teachers, Haifa, Israel

Teaching Certification

1994- 1997

Haifa University, Haifa, Israel

Bachelor of Arts in Linguistics and Fine Arts

Department of English Literature and Language

Department of Fine Arts

EXPERIENCE

October 2002 – currently

Technion- Israel Institute of Technology, Haifa, Israel

English lecturer

Coordinator in charge of doctoral academic writing courses

- Lecturer of the Graduate Academic Writing course (since spring 2009)
- Lecturer and coordinator of the Graduate Academic Writing courses, compulsory for all doctoral students (since 2010)
- Redesigned and rewrote course material currently on moodle for Graduate Academic Writing course
- Conducted research on the Graduate Academic Writing course as part of my PhD, including designing assessment rubrics for

academic and scientific writing, as well as interventions for teaching additional written genres

Technical English teacher

- Teacher of scientific and technical English courses to undergraduates in all faculties at the Technion including: Civil Engineering, Electrical Engineering, Architecture, Computer Engineering, Chemical Engineering, etc.
- Wrote supplementary materials for the lab and for class; as well, writing of mid-term and final exams
- Received the "Excellent lecturer" award for outstanding teaching

January 2006 - 2009

Freelance editor and proofreader

Private companies in Israel

- Work done in various fields: linguistics, academic proposals, dissertations, theses, contracts, letters, etc.

October 1999 to June 2006

Haifa University, Haifa, Israel

English teacher

- Teacher in the Pre-Academic program
- Responsible for teaching English to students wishing to be accepted into the regular university B.A. program.

PUBLICATIONS

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. (2017) Assessing and improving L2 graduate students' popular science and academic writing in an academic writing course. *Educational Psychology*

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. (2017) A rubric for assessing graduate written science communication: to make a long story short. *Assessing writing*.

Tzipora Rakedzon, Elad Segev, Ayelet Baram-Tsabari, Noam Chapnik, Roy Yosef. Automatic jargon identifier for scientists engaging with the public and science communication educators (2017, submitted)

PRESENTATIONS AND INVITED LECTURES

Tzipora Rakedzon, Elad Segev, Ayelet Baram-Tsabari, Noam Chapnik, Roy Yosef. "An automated jargon identification program: evaluating STEM students' use of jargon in written scientific genres." Paper (accepted) to be

presented at the NARST Annual International Conference, San Antonio, TX, USA, April 22 - 25, 2017.

Tzipora Rakedzon, Elad Segev, Ayelet Baram-Tsabari, Noam Chapnik, Roy Yosef. "Different audiences, different writing: Improving genre in popular science and academic writing among graduate STEM students." Paper (accepted) to be presented at Metadiscourse Across Genres (MAG 2017) at METU, Northern Cyprus, March 30-April 1, 2017.

Tzipora Rakedzon, Elad Segev, Ayelet Baram-Tsabari, Noam Chapnik, Roy Yosef. An automated jargon identification program: evaluating STEM students' use of jargon in written scientific genres." Paper (accepted) to be presented at the 12th Chais Conference for the Study of Innovation and Learning Technologies, Raanana, Feb 14-15, 2017 *The Open University of Israel*.

Tzipora Rakedzon, Elad Segev, Ayelet Baram-Tsabari, Noam Chapnik, Roy Yosef. "Supporting scientists in engaging with the public: The development and validation of an automated jargon identification program." Poster presented at the Fourth LINKS Annual retreat. Technion – IIT, September 5-6, 2016.

Rakedzon, Tzipora. "How to give effective presentations in science." Invited lecture for the International Space University (ISU) at the Technion -IIT, August 18, 2016.

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. "Writing in STEM in and outside academia." Paper presented at the third international (IFAW) conference on academic writing in Tel Aviv, Israel. June 27-28, 2016.

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. "Genre assessment of scientific writing in and outside academia." Paper presented at H-INET (Higher education in Israel network of English teachers). International spring conference, Tel Aviv University, Feb. 8-9, 2016.

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. "Teaching Science and Technology Graduate Students to Write Science for Academia and for the Public." ESERA (European Science Education Research Association) 2015 Conference at Helsinki, Finland, August 31- September 4, 2015.

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. "Teaching Science and Technology Graduate Students to Write Science for Academia and for the Public." Pre-conference of the Junior Researchers of EARLI ([European Association for Research in Learning and Instruction](#)) at the Cyprus University of Technology, Limassol, August 23-24, 2015.

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. "Teaching Science and Technology Graduate Students to Write Science for Academia and for the Public." The Sixth Israeli Science Communication Conference, Tel Aviv, Israel, June, 24-25 2015.

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. "Written science communication as an art." The 2nd International Conference: Science, Technology and Art Relations – STAR at the Technion, Haifa, Israel, November 19-20 2014.

Rakedzon, Tzipora. "Wordiness: one of the seven deadly sins of writing? Teaching wordiness and using corrective feedback." IFAW (Israel Forum for Academic Writing) mini-conference: The Challenge of Academic Writing in Today's World, MOFET Institute, Tel-Aviv, Israel, June 29, 2014.

Rakedzon, Tzipora. "Graduate students' writing skills: Teaching and learning style and genre." IFAW (Israel Forum for Academic Writing) meeting at Oranim Academic College of Education, May 2014.

Rakedzon, Tzipora & Baram-Tsabari, Ayelet. "Teaching and assessment of communication skills of science and engineering graduate students in popular science texts." The Fifth Israeli Science Communication Conference, Tel Aviv, Israel, November, 2013.

PROFESSIONAL AFFILIATIONS

IFAW - Israel Forum for Academic Writing

H-INET - Higher education in Israel network of English teachers

LANGUAGES

English: Native Language

Hebrew: Advanced speaking, reading and writing