# CURRICULUM  VITAE

Dr. Vered Silber-Varod (December, 2016)

## Personal Details:

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## Higher Education:

**2012**    Ph.D., "The SpeeCHain Perspective: Prosodic - Syntactic Interface in Spontaneous Spoken Hebrew", The Chaim Rosenberg School of Jewish Studies, Tel Aviv University, Israel.

Supervisor: Prof. Shlomo Izre'el

**2005**    M.A. with Magna Com Lauda, "Characteristics of Prosodic Unit Boundaries in Spontaneous Spoken Hebrew: Perceptual and Acoustic Analysis", Department of Hebrew and Semitic Languages, Tel Aviv University, Israel.

Supervisors: Prof. Shlomo Izre'el and Dr. Noam Amir

**1998-2000**    Complementary undergraduate studies, Department of Hebrew and Semitic Languages, Tel-Aviv University, Israel.

**1996**    B.A., Political Science and French Language and Literature, The Hebrew University of Jerusalem, Israel.

# Research Grants:

2016      Research grant from the Research Authority, The Open University (40,000 ILS) for conducting a research on "Analysis of Acoustic and physiological signals for identifying childhood Apraxia of speech" (in collaboration with Dr. Diamnta Benson, Dr. Ofer Levy, Dr. Anat Lerner, and Dr. Elad Vashdi).

2015      Research scholarship for young academics and scientists 2015 (#50015559), funded by German Academic Exchange Service (Deutscher Akademischer Austauschdienst (DAAD)) for conducting a research on "Evaluation of a Speaker's Voice in Different Social and Cultural contexts by Voice Conversion Methods" (in collaboration with Prof. Dr.-Ing. Oliver Jokisch, Leipzig University of Telecommunication (HfTL), Germany).

2014      Research grant #504292 from the Research Authority, The Open University (ILS 37,280) for conducting a research on "A decade of learning technologies research: Trends and tendencies in Chais conferences discourse" (in collaboration with Prof. Yoram Eshet-Alkalai and Dr. Nitza Geri).

2013      Research grant #502532 from the Research Authority, The Open University (ILS 31,967) for conducting a research on "An Evaluation of Hebrew Automatic Speech Recognition Transcriptions: Toward Automatic Video Indexation and Transcription" (in collaboration with Dr. Nitza Geri).

# Service in Academic and Research Institutions:

2013-present: Research Fellow, The Research Center for Innovation in Learning Technologies, The Open University of Israel.

2009 – 2013: Linguistic Researcher, ACLP - Afeka Center for Language Processing, Afeka Tel Aviv Academic College of Engineering. Projects:

2012-2013: Project Manager. Project: ACLP Hebrew Speech Corpus

2012: Project Manager. Project: Russian transcriptions

2011-2013: Linguist. Project name: *Phonetic Search Based on Cross-Language Phoneme Transformation*. Funded by the Israeli Ministry of Commerce Chief Scientist as part of a Magneton project encouraging the transfer of technology from academia to the industry. The research is being carried out in collaboration with NICE Systems.

2009-2011: Linguist. Project name: *An Efficient Algorithm for Voicemail Transcription*. Funded by the Israeli Ministry of Commerce Chief Scientist as part of a Magneton project encouraging the transfer of technology from academia to the industry. The research was carried out in collaboration with SpeechModules Ltd.

# Other Activity:

## Teaching Positions

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| Spring 2017 | Adjunct Lecturer, *Advanced Phonology*, Department of Linguistic, The Hebrew University of Jerusalem. |
| Fall 2016 | Adjunct Lecturer, *Phonology*, Department of Linguistic and the Department of Hebrew Language, The Hebrew University of Jerusalem. |
| Fall 2011, Spring 2013 | Lab Instructor, *Introduction to Natural Language Processing*, The department of Electrical Engineering, Afeka Tel Aviv Academic College of Engineering. |
| Spring 2009, Fall 2011 | Lecturer, *Language and Communication*, Department of Literature, Language and the Arts, The Open University of Israel |
| Fall, 2006 | Local instructor (Israel), Introduction to Phonetics. Advanced Speech and Hearing Sciences, University of Cinccinati.* |
| 2005-2007 | Coordinator of the course, Modern Hebrew Phonology, Department of Literature, Language and the Arts, The Open University of Israel.* |
| 1998-1999 | Hebrew teacher at *DiAlog* Language School, The Open University of Israel. |
| Summer of 1993, 1994, and 1995 | Hebrew teacher at Rothberg International School, The Hebrew University of Jerusalem. |

## Student Supervised

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| 2016- | Co-supervision with Dr. Anat Lerner |
| | Student: Ms. Veronica Gelfgat, Graduate seminar paper and final M.Sc. paper in Computer Science on "Classification of silent pauses in speech via machine learning methods", M.Sc. in Computer Science, The Open University of Israel. |
| 2016- | Co-supervision with Dr. Anat Lerner |
| | Student: Mr. Eitan Weitzman, Graduate seminar paper and final M.Sc. paper in Computer Science on "Scripting with PRAAT software", M.Sc. in Computer Science, The Open University of Israel. |
| 2014-2016 | Co-supervision with Dr. Anat Lerner |
| | Student: Mr. Jacob Azogui, Graduate Project in Computer Science and final paper on "The Hebrew Map Task database – Corpus Compilation and feature extraction", M.Sc. in Computer Science, The Open University of Israel. |
| 2013-2016 | Co-supervision with Dr. Ina Blau |
| | Student: Mrs. Ronit Lis-Hacohen, M.A. Thesis on "Gender gap in shared navigation app?", M.A. in Education: "Learning Technologies" and "Learning Systems", The Open University of Israel. |
| 2013-2014 | Co-supervision with Mrs. Keren Kalif. |
| | Student: Mr. Igor Benjaminov, Final B.Sc. Project on "A support System for filling a Lawsuit According to Precedence"**,** Department of Software Engineering, Afeka Academic College of Engineering. |

2011-2012    Co-supervision with Prof. Ami Moyal.

Student: Mr. Tal Levy, Final B.Sc. Project on "Automatic Speech Transcription and Punctuation", Department of Electrical Engineering, Afeka Academic College of Engineering.


## Selected Reviews on Journal Papers, Conference Papers, and Book Chapters

2014-2016    Paper reviews for international conferences: Speech Prosody 2016, Knowledge Management 2014, 2015, 2016; Human Computer Interaction ACM SIG-CHI 2015.

2015    Journal Paper Review Helkat-Lashon (in Hebrew) http://www.dyellin.ac.il/about/publications/chelkatlashon

2014    Proofreading and translation of the Hebrew *stemmas* (sections and diagrams) in Tesnière, L. 2014. *Elements of structural syntax*. Translated by T. Osborne and S. Kahane, John Benjamins Publishing Company.

2013    A. Lacheret, S. Kahane, & P. Pietrandrea, éds. (sous contrat, in press). Rhapsodie : a prosodic syntactic treebank of spoken French. John Benjamins Publishing Company, Amsterdam-Philadelphia.

2013    *Hebrew Linguistics - A Journal for Hebrew Descriptive, Computational and Applied Linguistics*, Bar-Ilan University Press

2012    Einat Gonen (Ed.) *Studying Spoken Hebrew*, Te'uda, Tel Aviv Univeristy. (in Hebrew)


## Organizing committees and Program committees of Conferences

2017    Member, Conference Committee, The 11th conference of The Israeli Association for Literacy and Language, will be held at The Open University of Israel, July 6th, 2017.

2017    Member, Scientific Committee, The 8th workshop on Disfluency in Spontaneous Speech (DiSS 2015), will be held in Stockholm, Sweden, 18-19, August, 2017.

2017    Member, International Advisory Board, Challenges in analysis and processing of spontaneous speech (CAPSS2017), will be held in Budapest, Hungary, May 14-17, 2017.

2016-2017    Member, Program Committee, the 12th Chais Conference on Innovation in Learning Technologies, The Open University of Israel, Raanana, February 14-15, 2016.

2016-2017    Chair, Organizing Committee, *Learning in the Digital Era: The 12th Research Conference of the Research Center for Innovation in Learning Technologies*, The Research Center for Innovation in Learning Technologies, The Open University of Israel, Ra'anana, February 13-15, 2017.

2016    Member, Steering committee, *The 4th Accessibility Conference*, The Open University of Israel, Ra'anana. With collaboration of The Israel Internet Association (ISOC-IL) and the Access Israeli Organization (AIS), November, 22, 2016.

2016    Member, Program Committee, the 4th Knowledge Management Conference (KM 2016), organized by the International Institute for Applied Knowledge Management (IIAKM), Lisbon, Portugal, June 22-25, 2016.

2016    Chair, *The 32nd Annual Meeting of The Haim B. Rosén Israeli Linguistic Society*, The Open University of Israel, Ra'anana, February 9, 2016.

| 2016 | Chair, Organizing Committee, *Learning in the Digital Era: The 11th Research Conference of the Research Center for Innovation in Learning Technologies*, The Research Center for Innovation in Learning Technologies, The Open University of Israel, Ra'anana, February 14-16, 2016. |
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| 2015 | Chair, the *Language Resources Workgroup*, *The 2015 Afeka Conference for Speech Processing*, July 16, 2015, Afeka Academic College of Engineering, Tel Aviv. |
| 2015 | Co-Chair of the Organizing Committee, *The Annual Meeting of the Israeli Seminar on Computational Linguistics (ISCOL 2015)*, The Open University of Israel, Ra'anana. |
| 2015 | Chair, Organizing Committee, *Learning in the Digital Era: The 10<sup>th</sup> Research Conference of the Research Center for Innovation in Learning Technologies*, The Research Center for Innovation in Learning Technologies, The Open University of Israel, Ra'anana. |
| 2014 | Chair, Organizing Committee, *Learning in the Digital Era: The 9th Research Conference of the Research Center for Innovation in Learning Technologies*, The Research Center for Innovation in Learning Technologies, The Open University of Israel, Ra'anana. |
| 2013-2015 | Member, Program Committee, Afeka Conference for Speech Processing (ACSP), the Afeka Academic College of Engineering, Tel Aviv. |

## Other Activity in the academic field

| 2013-present | Language and linguistics consultant for language skills in an e-learning environment, The Center for Educational Technology (CET), Tel Aviv. |
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| 2000-2012 | Technical editor (Hebrew language editor) at The Open University of Israel. Including the book *Introduction to Theoretical Linguistics* (4 volumes). Ra'anana: The Open University of Israel. |
| 2008-2012 | Participation in Spoken Hebrew workshop research and discussion group. http://sites.google.com/site/spokenhebrewsite/ |
| 2008 | Professional training in Université de Nanterre, Paris X, on acoustic software ANALOR, on behalf of Prof. Ann Lacheret-Dujour |
| September, 2006 | Participation in IDP05 (Discourse- Prosody Interface 2005), Aix-en-Provence, France. |
| 2002-2003 | Participation in IALS research and discussion group; Issue: Spoken Hebrew. |

## Membership in Professional Societies

| 2015-present | International Society of Phonetic Sciences (ISPhS) |
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| 2010-2014 | ISCA (*International Speech Communication Association*) |
| 2008-present | The Haiim B. Rosén Israeli Linguistic Society |
| 2002-2006 | IALS (Israeli Association for the Study of Language and Society) |

## Prizes Awarded

| 2016 | Fellow and Distinguished scholar, Kno*wledge Management Conference 2016 (KM 2016)*, Lisbon, Portugal, June 22-25, 2016. |
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| 2010 | Dov Sadan Foundation Grant, The Chaim Rosenberg School of Jewish Studies, Tel Aviv University |

2008   Student Services Division scholarship, Tel Aviv University

2007   Ignatz Bubis scholarship, Hebrew sciences, Tel Aviv University

2001   Yaakobi scholarship, School of Hebrew and Semitic Languages, Tel Aviv University

**Professional Software skills**
PRAAT            http://www.fon.hum.uva.nl/praat/

Antconc          AntConc is a freeware, multiplatform tool for carrying out corpus linguistics
                 research and data-driven learning.
                 http://www.antlab.sci.waseda.ac.jp/antconc_index.html

MS Office        Excellent proficiency with MS office suite: Word, Excel, Power Point.


# Language Skills

Hebrew – Excellent native proficiency

English – Excellent fluent speech and academic professional writing proficiency

French – Colloquial

German – Elementary proficiency (33% in Duolingo application)

Russian – Elementary proficiency