June 20, 2024

<div align="center">**CURRICULUM VITAE AND LIST OF PUBLICATIONS**</div>

Personal Details

Name: Dovi Weiss, PhD
Email: dovi.we@ono.ac.il

Education

Undergraduate and Graduate Studies

2008-2012	PhD in Science Teaching, Tel Aviv University Title of Dissertation: Processes of Mathematical Knowledge Construction based on an Analogical Model Name of Supervisor: Prof. Tommy Dreyfus
2006-2008	M. Ed. in Science Teaching, Tel Aviv University Title of Thesis: Processes of Mathematical Knowledge Construction based on an Analogical Model. Name of Supervisor: Prof. Tommy Dreyfus
1994-1998	M.B.A, Tel-Aviv University.
1989-1991	M.Ed. in Educational Technology (Magna Cum. Laude), Boston University.
1986-1989	B. Sc. in Computer Science and B.A in Hebrew Literature, Hebrew University

Professional Experience

Professional Functions outside Universities/Institutions (Inter-University, National, International)

2004-2018	Time To Know	**Chief Scientist and Founder.** Time To Know had developed an innovative world leading breakthrough system for teaching & learning.
1993-1999	Onyx Interactive	**Head of Interactive Training Systems Department.** Onyx was a leading Israeli company that has developed hundreds of interactive multimedia training systems.

Academic and Teaching Experience

2022-Present	Ono Academic College, Faculty of Education	Head of Digital Learning & Training Development Specialization.
2016-2021	Kibbutzim College of Education	Head of Digital Pedagogy Unit, Member of the Management Team
2014-2018	Kibbutzim College of Education	Head of Master Degree in Educational Technology

Courses Taught

2022-Present	Ono Academic College, Faculty of Education	Introduction to Educational Technology
2022-Present	Ono Academic College, Faculty of Education	Fundamental Issues in Educational Technology
2022-Present	Ono Academic College, Faculty of Education	Instructional Design
2023-Present	Ono Academic College, Faculty of Education	Instructional Design Practicum
2023-Present	Ono Academic College, Faculty of Education	Neuro-Pedagogy
2024-Present	Ono Academic College, Faculty of Education	Assessment and Evaluation with Digital Tools
2024-Present	Ono Academic College, Faculty of Education	Seminar – Tutorial Development
2014-2021	Kibbutzim College of Education. Faculty of Education	Educational Technologies for MA students.
2015-2001	Kibbutzim College of Education. Faculty of Education Professions	Seminar in Instructional Design for MA students

Awards, Citations, Honors, Fellowships

| 2010 | In 2010 Dr. Dovi Weiss was chosen among the most 50 influential Israeli people in the area of education. |
| 2012 | In 2012 Dr. Weiss was awarded Honorable Mention in the competition for the Prime Minister's Prize for Initiatives and Innovation in recognition for his pioneering efforts in the field of technology and education. |

Invited Lectures and Workshops

1990	Harvard University. School of Education	The Instructional Design of Time To Know's Teaching Environment. Seminar on Digital Teaching Platforms
2010	The Institute of Advanced Studies, Princeton University	Dewey Seminar: From Instruction to Construction.

Scientific Publications

Thesis

Weiss D. (2012). Processes of Mathematical Knowledge Construction based on a Analogical Model. Submitted to the Senate of Tel-Aviv University, Tel- Aviv, Israel, for the degree of Doctor of Philosophy.

Original Research Articles

Weiss, D., & Dreyfus, D. (2009). Model based construction of fraction comparison. In Tzekaki, M., Kaldrimidou, M., & Sakonidis, H. (Eds.), *Proceedings of the 33rd Conference of the International Group for the Psychology of Mathematics Education* (Vol. 1, p. 489). Thessaloniki, Greece: PME.

Weiss, D. & Bordelon, B. (2010). The instructional design of Time To Know (chapter). Digital Teaching Platforms. New-York: Teacher's College Press.

Weiss, D., & Rosen, Y. (2011). The educational and social power of Time To Know digital teaching environment. *Proceedings of EDULEARN11, the 3rd annual International Conference on Education and New Learning Technologies*, Barcelona, Spain.

Rosen, Y., Weiss, D., Wolf, I. (2012). How to Ensure Differentiation in a 1:1 Laptop Classroom?. *Proceedings of ISTE 2012*. San-Diego, USA.

Bebell,D., Weiss, D., Shahaf-Barzilay, R. (2013). Evolving Pedagogy with 1:1 Computing and T2K's Digital Teaching Platform. *Proceedings of ISTE 2013*. San-Antonio, USA.

Shahaf-Barzilay, R., Weiss, D. (2013). Student motivation and engagement in 1:1 digital learning with Time To Know (T2K) – highlight results from cross country studies. *Proceedings of EDEN 2013*. Oslo, Norway.

Weiss D., Dreyfus T. (2014). The Role of a Computerized Analogical Model in Knowledge Construction. **JCRME2**, Jerusalem.

Weiss D, (2016). The Effect of Combining 1:1 Computing, Interactive Core Curriculum, and Digital Teaching Platform on Learning Math: The Case of a Charter School in New York City. Handbook on Digital Learning for K-12 Schools. **Springer**.

Weiss D., Ozery S. (2017). Innovative Approach to Training Teacher Educators for Implementing Technology in their Courses. **IUT 2017 Conference**, Tel-Aviv, Israel.

Weiss D., Wallach T. (2018). Time to Know – A Socio-Constructivist Initiative to Integrate Computers in the Teaching and Learning of Elementary Mathematics.

K-12 Mathematics Education in Israel - Issues and Innovations. **World Scientific Publication, Singapore. ISBN: 978-981-3231-18-4 .**

Weiss D., Bitan K. (2018). Promoting a Meaningful Learning Experience with a Born-Digital Interactive e-book and Digital Teaching Platform. **International Journal of Learning and Teaching**: Vol 4, No. 3., September 2018.

Weiss, D., Yondler. Y. Harel E., Toker, E., Ziechner, O. (2019). Redefining 21st Century Classrooms – Techno-Pedagogical values of Future Learning Spaces. **The 7th International Conference on Teacher Education 2019.**

Joseph, G., Weiss, D., Ram-Tsur, R. (2019). Long Term Memory Enhancement For Higher Education: Application Of Neuroscience And Digital Pedagogy Insights. **EERA 2019.**

Weiss, D. (2020). Humanistic digital pedagogy for the 21 century**. Ecohumanism and the Israeli hope: Challenges and Opportunities of education in the 21st Century**.

Yondler. , Weiss, D. (2021). Humanistic KB Community— Aspects of Teaching Practices of Educators in Future Learning Spaces. **EARLI 2021.**, pp 9-44.