

Name: Irit Sasson

Date: 4/2022

CURRICULUM VITAE

1. Personal Details

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2. Higher Education

A. Undergraduate and Graduate Studies

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
2003-2007	Technion – Israel Institute of Technology, Department of Education in Technology and Science	Ph.D., Direct doctoral track	2007
2002- 2003	Technion – Israel Institute of Technology, Department of Education in Technology and Science	M.Sc. as part of doctoral studies (direct track)	2003
1990-1994	Technion – Israel Institute of Technology, Department of Education in	B.Sc., Cum laude.	1994

	Technology and Science		
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3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
2015-present	Tel-Hai College, Department of Education	Senior lecturer
2013-present	Shamir Research Institute	Senior Researcher
2009-2014	Tel-Hai College, Department of Education	Lecturer
2007-2008	Tel-Hai College, Department of Education	Adjutant lecturer
2007-2010	Technion – Israel Institute of Technology, Department of Education in Technology and Science	Adjutant lecturer

4. Offices in Academic Administration

* Since receiving the final rank of Senior Lecturer

Dates	Name of Institution and Department	Rank/Position
2019*-present	Tel-Hai College, Department of Education	Head of the Educational Department
2016-present	Shamir Research Institute	Founder and Director of the Educational Research and Development Unit
2013-2017	Tel-Hai College, Department of Education	Founder and Director of the Evaluation Unit

2012-2014	Tel-Hai College, Department of Education	Founder and Director of the regional science initiative - Galilium, Eastern Galilee Regional Cluster
2007-2013	Tel-Hai College, Department of Education	Founder and Director of the Science Education Center for Youth
2007-2008	Technion – Israel Institute of Technology, Department of Education in Technology and Science	Founder and Director of the National MUTAV (Science for All) Teachers Center

5. Scholarly Positions and Activities outside the Institution

Reviewing for Refereed Journal, Conferences, or Academic Foundations

* Since receiving the final rank of Senior Lecturer

Years	Journal, Conference, or Academic Foundation
2021*	The Israeli Science Foundation - ISF
2021*	Thinking skills & Creativity (Q1 Education)
2021*	IEEE Transactions on Education (Q1 Education)
2021*	Journal of Education for Teaching (Q1 Education)
2021*	Science Education (Q1 Education)
2020*	International Journal of Science and Mathematics Education (Q1 Education)
2020*	“Dapim”, in Hebrew
2020*	Professional Development in Education (Q1 Education)
2019*	International Journal of Science and Mathematics Education (Q1 Education)
2019*	Pedagogy, Culture & Society (Q1 Education)
2019*	Thinking skills & Creativity (Q1 Education)
2018*	The European Association for Research on Learning and Instruction (EARLI) Conference
2015	Chemistry Education Research and Practice (Q1 Education)

Membership of Journal Editorial Boards

* Since receiving the final rank of Senior Lecturer

Years	Journal
2021*	“MEGAMOT”, in Hebrew

Membership in committees

* Since receiving the final rank of Senior Lecturer

Years	Activity
2014-2016	Member of the steering committee for developing scientific excellence in the periphery, managed by “Shitufim” Foundation.
2014-present	Member of the steering committee for promoting education in the educational systems, managed by the Golan Regional Council
2019-present*	Member of the steering committee for promoting education in the educational systems, managed by the Harish Council

6. Participation in Scholarly Conferences

a. Active Participation

International Conferences - Held Abroad

* Since receiving the final rank of Senior Lecturer

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
2002, August	The 224th American Chemical Society (ACS) National Meeting	Boston, MA, USA.	Integrating computerized experiments into chemistry teaching.	Lecturer
2003, March	The 2003 NARST Annual Meeting – the	Philadelphia, PA, USA.	Assessing the effect of integrating case-based	Lecturer

	National Association for Research in Science Teaching Conference		computerized laboratories into chemistry teaching.	
2003, August	Junior Researchers (JURE), preconference of the European Association for Research on Learning and Instruction (EARLI)	Padova, Italy.	Case-based computerized experiments and their effect on visualization skills and chemistry understanding of high-school students.	Lecturer
2005, April	The 2005 NARST Annual Meeting – the National Association for Research in Science Teaching Conference	Dallas, USA.	Chemistry students' comprehension of text and graphics in a case-based computerized laboratory learning environment.	Lecturer
2005, August	The European Association for Research on Learning and Instruction (EARLI)	Nicosia, Cyprus.	Integrating assessment and instruction in effective learning environment.	Lecturer
2006, June	The European Association for Research on Learning and Instruction (EARLI)	Leuven, Belgium.	Fostering near and far transfer in the chemistry case-based laboratory environment.	Lecturer

2008, September	The XIII. IOSTE - International Organization for Science and Technology Education conference	Izmir, Turkey.	Technology in education: The application of pedagogical knowledge in higher education course	Lecturer
2009, April	The 2009 NARST Annual Meeting – the National Association for Research in Science Teaching Conference	California, USA.	The three dimensions of transfer.	Lecturer
2009, August	The European Association for Research on Learning and Instruction (EARLI)	Amsterdam, Netherlands.	Increasing access to higher education: Evaluation of an educational project	Lecturer
2010, June	The XIV. IOSTE - International Organization for Science and Technology Education conference	Bled, Slovenia.	Increasing access to higher education: Multicultural evaluation.	Lecturer
2013, July	The 3rd International Symposium on Integrating Research, Education, and Problem Solving:	Orlando, Florida, USA.	Research-based teaching in science education: A regional innovative program.	Lecturer

	Summer IREPS			
2014, May	FISER'14, Frontiers in Mathematics and Science Education Research Conference	Famagusta, Cyprus	Designing formative assessment in physics course in higher education.	Lecturer
2014, August	The European Association for Research on Learning and Instruction (EARLI)	Leuven, Belgium.	Designing formative assessment in physics course in higher education.	Lecturer
2014, August	The European Association for Research on Learning and Instruction (EARLI)	Leuven, Belgium	The role of informal science centers in science education: Attitudes, skills, and self-efficacy	Lecturer
2015, August*	The European Association for Research on Learning and Instruction (EARLI)	Limassol, Cyprus	Promoting science education: The question of the effectiveness of the preparatory program in higher education studies	Lecturer
2015, August*	The European Association for Research on Learning and Instruction (EARLI)	Limassol, Cyprus	Promoting science education: Developing life-long learning: The design of learning assignments in transfer skills	Lecturer
2016, August*	The European Association for Research on Learning and	Munich, Germany	The assessment of best pedagogical practices: The use of direct systematic class observations	Lecturer

	Instruction (EARLI) – SIG1			
2016, August*	The European Association for Research on Learning and Instruction (EARLI) – SIG1	Munich, Germany	The question of the effectiveness of the pre-academic program: Evaluation study	Lecturer
2016, September*	The European Association for Research on Learning and Instruction (EARLI) – SIG18 & 23	Oslo, Norway	School success in the field of science and technology education	Lecturer
2017, November*	The European Association for Research on Learning and Instruction (EARLI)	Hämeenlinna, Finland	Fostering critical thinking and question-posing skill in an innovative learning environment	Lecturer
2018, March*	The 2018 NARST Annual Meeting – the National Association for Research in Science Teaching Conference	Atlanta, USA	Research apprenticeship program for high school students: Participants' characteristics and STEM career pathways	Lecturer
2018, August*	The European Association for Research on Learning and	University of Cambridge, England	New methodological framework in research on learning: The pedagogical quality of learning tasks	Lecturer

	Instruction (EARLI)			
2018, August*	The European Association for Research on Learning and Instruction (EARLI)	University of Helsinki, Finland	The question of assessment of transfer skills among in-service educators	Lecturer
2019, August*	The European Association for Research on Learning and Instruction (EARLI)	Aachen, Germany	Implementing pedagogical innovation: A multiple-case study approach	Lecturer
2019, August*	The European Association for Research on Learning and Instruction (EARLI)	Aachen, Germany	Implementation of an educational philosophy: A multiple-case study of an evaluation model	Lecturer
2019, August*	The European Association for Research on Learning and Instruction (EARLI)	Aachen, Germany	Participatory action research as a way to innovate mathematics and science teaching	Lecturer
2019, August*	The European Association for Research on Learning and Instruction (EARLI)	Aachen, Germany	Evidence informed practice: Critical thinking and question-posing skills in a PBL environment	Poster presentation
2019, August*	European Science Education Research	Bologna, Italy	The pedagogical characteristics of learning tasks in Mathematics and	Lecturer

	Association (ESERA)		Sciences in primary schools	
2019, August*	European Science Education Research Association (ESERA)	Bologna, Italy	Critical thinking disposition in science research apprenticeship program for high school students	Lecturer
2019, September*	The Biennial Conference of European Research Network About Parents in Education (ERNAPE)	Gdansk, Poland	Implementing an Extended School Day Program at a Rural School: The Parents' Perspective	Associate Lecturer
2019, September*	The 4th Innovative Learning Spaces Summit	Barcelona, Spain	-	Participant
2020, June*	The European Association for Research on Learning and Instruction (EARLI)	Virtual Conference (due to COVID 19 pandemic)	The relationship between the learning environment and students' sense of social cohesion	Lecturer
2021 April*	The 2021 NARST Annual Meeting – the National Association for Research in Science Teaching Conference	Virtual Conference (due to COVID 19 pandemic)	Computer-Supported Collaborative Learning (CSCL): Pedagogical design framework	Lecturer
2021, June*	International Association for	Virtual Conference (due to	Innovative learning Spaces:	Lecturer

	Intercultural Education - IAIE	COVID 19 pandemic)	Class management and Universal Design for Learning	
2021, July*	The Higher Education in the Post Corona (PC) Era	Virtual Conference (due to COVID 19 pandemic)	A Pedagogical design framework for Computer-Supported Collaborative Learning (CSCL) Environments	Lecturer
2021, August*	The European Association for Research on Learning and Instruction (EARLI)	Virtual Conference (due to COVID 19 pandemic)	Pedagogical Assessment: Relationships between Space, Active Learning, and High-order Thinking Skills	Lecturer

International Conferences - Held in Israel

* Since receiving the final rank of Senior Lecturer

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
2002, June	The Fourth International Conference on Teacher Education	Achva College	Teacher education toward teaching in technology-enriched environment and developing higher order thinking skills.	Lecturer
2004, December	The International Conference on Learning and Assessment in Science, Engineering & Management in Higher Education	Samuel Neaman Institute, Technion, Haifa	Assessment model in pre-service science teachers training program.	Lecturer
2013, July	The 6 th International Conference	David Yellin Academic	Informal science academic programs: A multi-dimensional assessment	Lecturer

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
	on Teacher Education: Changing Reality through Education	College of Education in Jerusalem	model Informal science academic programs: A multi-dimensional assessment model	
2015, September	International conference on Math and Science teacher education: Academic and practical aspects of school-based teacher education	Oranim College, Tivon	University-Community Partnership (UCP) as a Model for Professional Development Among In-service Science Teachers	Lecturer
2017, May*	The Second International Conference for Innovation in Education	Ohalo College, Katzrin	Developing research methodology for evaluating innovative learning environments	Lecturer
2018, March*	Successful Pathways from School to Work	University of Haifa, & Tel-Hai College	Building partnerships between organizations: Evaluation methods	Lecturer
2018, October*	The European Association for Research on Learning and Instruction (EARLI)	The Hebrew University of Jerusalem	Self-Learning Dispositions as Reflected During Research Apprenticeship Program	Lecturer
2019, June*	The 7 th International Conference on Teacher Education: The Story of Innovation	MOFET Institute, Tel-Aviv	Professional Development School (PDS): Teachers' Sense of Efficacy, Attitudes Toward the Profession, and Pedagogical Applications	Lecturer

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
	in Teacher Education			

Local/National Conferences - In Hebrew

* Since receiving the final rank of Senior Lecturer

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
2001, February	The 66 th Conference of the Israel Chemistry Society	Tel Aviv	Teachers' perceptions regarding the integration of experiments in chemistry teaching	Lecturer
2001, December	Chemistry Teachers' Conference	Rehovot	Computerized research experiments in teaching chemistry	Lecturer
2002, October	Ayala Conference	Tel-Aviv	Case study as a tool for evaluating high-order thinking skills: Findings and applications in instruction and learning	Lecturer
2003, January	The 68 th Conference of the Israeli Chemical Society,	Tel Aviv	The effect of case-based computerized experiments on visualization skills and chemistry understanding of chemistry students	Lecturer
2003, June	The Second Conference of the Israeli Association of Chemistry Teachers	Jerusalem	Case study and thinking skills in computerized laboratories for chemistry teaching	Lecturer
2003, December	Conference of Chemistry Teachers	Rehovot	Computerized laboratories and molecular imagery in chemistry teaching: Development of an diligent independent learner	Lecturer

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
2004, February	The 69 th Conference of the Israel Chemistry Society	Tel-Aviv	Levels of understanding chemistry as a tool for evaluating student performance in the computerized laboratory program	Lecturer
2005, December	Conference of Chemistry Teachers	Rehovot	Electrons-configurations in atom, molecule and solid using fireworks, pigments and conductors	Lecturer
2008, February	The 73 th Conference of the Israel Chemistry Society	Jerusalem	Teaching chemistry using a learning unit: From nanochemistry to microelectronics	Lecturer
2012, April	The Galilee Studies Research Conference	Tel-Hai College	Success of an educational project: A question of evaluation and measurement	Lecturer
2012, October	The 40 th Conference of the Israel Society of Ecology and Environmental Science	Tel Aviv	Development of thinking skills using case study in environmental science	Lecturer
2013, April	EILAT Conference, Towards an Era of Social Responsibility: Evaluators, Evaluated, and the Public	Weizmann Institute, Rehovot	Social responsibility and science education: A multidimensional model for evaluation of programs to reduce educational disparity in the periphery	Lecturer
2014, May	The Galilee Studies Research Conference	Tel-Hai College	Construction of an innovative model for educational leadership in the Eastern Galilee	Lecturer
2014, June	The 30 th Annual Meeting of the Association for	Sede Boqer Campus,	Building educational leadership in science and technology: An	Lecturer

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
	Israel Studies (AIS)	Ben-Gurion University	innovative model in the Eastern Galilee	
2014, December	The 55th Annual Conference of the Israeli Geographical Society: "Between Theory and Application"	University of Haifa	From dependent to leading region: A case study in education	Lecturer
2015, February	The Israeli Sociological Association Conference	Kinneret College	From periphery to frontier: Empowerment processes in the East Galilee	Lecturer
2015, March	The 2 nd conference of Kadar Center for Inquiry Learning	Technion – Israel Institute of Technology,	Promoting inquiry and thinking skills	Lecturer
2015, April	The Galilee Studies Research Conference	Tel-Hai College	Israel rising grade: Promoting meaningful learning	Lecturer
2016, February*	Research and development conference – Ministry of Science	Sdot Negev Regional Council	Evaluation of the effectiveness of 'GVANIM' program	Lecturer
2016, October*	The Ohalo Conference	Ohalo College	What affect school success in the field of science and technology: Case studies in the Galilee	Lecturer
2017, April*	The Galilee Studies Research Conference	Tel-Hai College	Building regional educational leadership as a means of developing human capital	Lecturer & organizing a session
2019, April*	The Galilee Studies	Tel-Hai College	The Golan as a model for an academy-	Lecturer

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
	Research Conference		community partnership: School change processes	
2019, May*	National conference - Design of innovative educational spaces	Tel-Hai College	The evaluation of the innovative program 'GVANIM'	Lecturer

b. Organization of Conferences or Sessions

* Since receiving the final rank of Senior Lecturer

Date	Name of Conference	Place of Conference	Subject of Conference/Comments	Role
2018, March*	International conference - Successful Pathways from School to Work	University of Haifa & Tel-Hai College	Career development; transition intervention programs; populations at risk; research tools and methods used in order to evaluate programs' effectiveness	Member of the organizing team in collaboration with a team from the University of Haifa
2019, May*	National conference - Design of innovative educational spaces	Tel-Hai College	Design of innovative educational spaces	Member of the organizing team
2022, March*	Organizational perspective on the implementation of changes in educational institutions	Tel-Hai College	Organizational perspective on the implementation of changes in educational institutions	Member of the organizing team

7. Invited Lectures\ Colloquium Talks

* Since receiving the final rank of Senior Lecturer

Only selected lectures in 2017 - 2021

Date	Place of Lecture	Name of Forum	Presentation/Comments
February, 2022*	MEYTZAR	Pre-military preparatory course in MEYTZAR	Designing effective learning environments
October, 2021*	Katzrin	Nofi Golan school	Innovation in education
October, 2021*	Raanana	Meitarim school	Designing new learning environments
February, 2021*	Zoom lecture	“The Golan Spirit” Association - Directors of educational institutions	Models for evaluating school change processes
January, 2021*	Zoom lecture	“The Golan Spirit” Association - Directors of educational institutions	Evaluation processes that benefit the educational organization
November 2020*	Zoom lecture	Zoom lecture for the Jewish community in Vancouver, Canada	Designing New Learning Spaces: What is the educational value?
June, 2020*	Kanfi-Ruach school in Harish	A lecture for the school staff	Design of new learning environments
June, 2020*	Rona-Ramon school in Harish	A lecture for the school staff	Design of new learning environments
April, 2020*	Zoom lecture	Zoom lecture, Shamir Research Institute	Distance learning
February, 2020*	Ohalo College	A lecture for school assessment coordinators	Effective school assessment
January, 2020*	Nofi-Golan school	A lecture for the school staff	Design of new learning environments
March, 2019*	MEYTZAR	Pre-military preparatory course in MEYTZAR	Challenges of the 21st century educational system
October, 2018*	Hispin	Goralik Conference	An assessment that benefits the educational system

Date	Place of Lecture	Name of Forum	Presentation/Comments
July, 2018*	Darki-Noam, Katzrin	A lecture for the school staff	Innovations in education: An evaluation view
July, 2018*	Mevo-Galil, Ayelet-Hashachar	A lecture for the school staff	Innovations in education: An evaluation view
April, 2018*	Kibutz Lavi	A lecture invited by the Ministry of Education in the Northern District for all principals in the religious education	Implementing educational innovation: questions of evaluation
July, 2017*	Kibutz Dalia	A lecture for the instructional staff of the "Village Way - Yemin Orde education initiatives"	Pedagogy that promotes transfer skills
July, 2017*	Glilot military base	A lecture for the instructional staff of the Intelligence Division	Designing effective learning environments
July, 2017*	Golan school	A lecture for the school staff	Innovations in education
June, 2017*	Mitzpe Golan school	A lecture for the school staff	Evaluation of an educational innovation
2017, May*	Hispin	A conference of teachers in the Golan, led by the Golan Regional Council and the Katzrin Local Council	How is best pedagogical quality determined?
2017, April*	Kibutz Kabri	The 4 nd conference of Kadar Center: The evaluation is being tested	A model for pedagogical evaluation as a tool to enhance the quality of teaching and learning

8. Research Grants

a. Grants Awarded

* Since receiving the final rank of Senior Lecturer

Role in Research	Co-Researchers	Topic	Funded by/ Amount	Year
PI		Evaluation of the contribution of the computerized laboratory program in chemistry to the development of graphic and transfer skills	Myers' Fellowship (David and Inez Myer) – C \$3,000	2008-2010
CI	Dr. Donita Cohen (PI), Dr. Tamar Zemach (Co-PI), Dr. Eyal Shifroni (CI)	The effect of age on recursive perception as high-order thinking	Tel-Hai College – C NIS 50,000	2011-2012
PI	Keren Kopietz (CI)	Examination of the relationship between allocation of pedagogical resources in post-elementary schools and reducing educational disparities in the sciences in the Eastern Galilee	Chief Scientist, Ministry of Education – C NIS 187,000	2012-2014
PI	Keren Kopietz (CI)	Development, implementation and research-based evaluation of a program for physics and mathematics teachers	Trump Foundation and JCA Foundation – C NIS 622,000	2013-2015
PI	Keren Kopietz (CI)	Successful pathways from school to work: Academic research in science education	Milgrom Foundation, University of Chicago – C \$190,000	2014-2017
PI	Keren Kopietz (CI)	The Implementation Processes of "Village Way" Educational Approach	Yemin Orde Education Initiatives" – C NIS 1,650,000	2014-2021

PI	Dr. Itamar Yehuda (CI)	Evaluation of the pedagogical reforms in schools	The Golan Regional Council NIS 1,000,000	2014-2021
PI*	Dr. Itamar Yehuda (CI)	Evaluation of the program to extend the school day	Gamla School, Katzrin NIS 53,500	2016-2018
PI*	Dr. David Kalir (Co-PI)	Evaluation of the "Academia-Grade" Program	Shamir Research Institute & Ohalo College NIS 10,000	2018
PI*	Dr. Itamar Yehuda (CI)	Evaluation of the pedagogical reform in school	Mavo-Galil school NIS 180,000	2018-2021
PI*	Dr. Itamar Yehuda (CI)	Evaluation of the pedagogical reform in school	Kaduri school NIS 200,000	2019-2022
PI*	Dr. Itamar Yehuda (CI), Dr. Anat Ben-Gal (CI)	Evaluation of the pedagogical reforms in schools	Harish Council NIS 800,000	2019-2022
PI*	Dr. Itamar Yehuda (CI), Dr. Anat Ben-Gal (CI)	Evaluation of the pedagogical reforms in schools	MEYTARIM school, Raanana NIS 232,500	2020-2022
PI*	Dr. Yotam Hod (CI), Dr. Itamar Yehuda (CI)	Design-Centered Research-Practice Partnerships as a Means to Promote Transfer Skills Among In-Service Teachers	Tel-Hai College C NIS 20,000	2021-2022

b. Submission of Research Proposals – Pending

* Since receiving the final rank of Senior Lecturer

Role in Research	Co-Researchers	Topic	Funded by	Year
PI*	Dr. Ester Sarusi, Dr. Ayala Cohen, Dr. Itamar Yehuda, Dr. Anat Ben-Gal, Dr. Donita Cohen, Liz Dovrat, Avital Zohar	The relationship between the pedagogical design components of online courses, the characteristics of lecturers and students, and educational outcomes: Towards the design of a college policy for the integration of online courses	The Higher Education Council	2021
CI*	Italian Blue Growth S.r.l.; MD International LTD; Ono Academic College; Universitaet Klagenfurt; Sveuciliste Uzagrebu - Pravni Fakultet; Oranim Academic College; Universitatet Kassel; Alma Mater Studiorum - Universita Di Bologna; Ufficio Scolastico regionale per la Liguria; Cncm; Fliedner Fachhochschule Düsseldorf University of Applied Sciences	Bridging social pedagogy, social work, and formal education	HORIZON-CL2-2021-TRANSFORMATIONS-01-04	2021
CI*	Tallinn University; University of Zagreb; Universidad Nacional de Educación a Distancia; Khon Kaen University; Suranaree University of Technology; Walailak University; Gordon	Promoting Digital Transformation Through Open Digital Badges in Higher Education Institutions in India, Israel and Thailand	Erasmus+ Programme (ERASMUS)	2022

	College of Education; The David Yellin Academic College of Education; Achva College; University of Mumbai Smt. Kapila Khandvala College; MIER College of Education; Indra Gandhi National Open University			
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c. Submission of Research Proposals – Not Funded

In the last 5 years

* Since receiving the final rank of Senior Lecturer

Role in Research	Co-Researchers	Topic	Funded by	Year	Score
Co-PI*	Prof. Itzhak Gilat (PI), Dr. Yishai Mor (CI), Dr. Tali Nachlieli (CI), Dr. Sima Zach (CI)	Teachers and researchers communities: a multidimensional meaningful learning model	ISF - C	2017	
CI*	Dr. Vered Holzmann (PI), Dr. Aviv Gibali, Dr. Dvora-Toledano- Kitai, Dr. David Pundak, Prof. Daniel Berend, Prof. Mikhail Klin, Dr. Arkady Leiderman, Prof. Arie Lev, Dr. Lea Dorel, Dr. Tali Yaakobi, Dr. Donita Cohen, Dr. Adam Chapman	PRIME: Promoting Innovation in Mathematics Education	Erasmus Plus program - The European Union - C	2017	
PI*	Prof. Shmuel Shamai (Co-PI), Dr. Ayala Cohen (CI), Dr. Orly Ganany (CI), Dr. Adi	From practice to policy - Promoting gender equality in Israel	Ministry of Science - C	2017	

	Vitman (CI), Dr. Itamar Yehuda (CI)				
PI*	Dr. Itamar Yehuda (CI), Dr. Naama Bar-On (Co-PI)	The question of measurement and evaluation in science centers – Designing a logic model	Ministry of Science - C	2017	
Co-PI*	Prof. Shmuel Shamai (PI), Dr. Iris Ben-David-Hadar (Co-PI), Dr. Emanuel Tamir (CI)	The relationship between resource management practices and educational outcomes	Ministry of Science - C	2017	
PI*	Dr. Shirley Miedijensky, Dr. Yael Grinstain	The relationship between community leadership and implementation of pedagogical innovation in primary schools	Spencer Foundation - C	2018	
PI*	Dr. Itamar Yehuda, Dr. Shirley Miedijensky, Dr. Yael Grinstain	Promoting community leadership and regional development through partnership-centered school improvement processes	Ministry of Science - C	2018	
Co-PI*	Dr. Itamar Yehuda	Evaluating the effectiveness of a school and family-based intervention program to promote a healthy lifestyle	Ministry of Science - C	2018	
PI*	Dr. Itamar Yehuda, Dr. Shirley Miedijensky	The 'ICT Sandbox' as a technology-rich preschool environment - Developing curiosity and social interaction	ISF - C	2019	
PI*		A model for a pedagogical characterization of	Ministry of Education - C	2019	

		innovative learning spaces			
PI*	Dr. Mercedes Edri	Characterization of the curricular potential of online learning environments	Ministry of Education - C	2020	
PI*	Dr. Itamar Yehuda, Dr. Shirley Miedijensky, Dr. Mercedes Edri, Dr. Anat Ben-Gal	Characteristics of Self-determination in online learning during the COVID 19 pandemic among elementary and middle school students - inhibition and promotion factors	Ministry of Education - C	2021	
PI*	Dr. Itamar Yehuda, Dr. Shirley Miedijensky, Dr. Mercedes Edri, Dr. Anat Ben-Gal	Professional development of middle and high schools' teachers for online teaching: Characteristics, perceptions, and contributions	Ministry of Education - C	2021	
PI*	Dr. Itamar Yehuda, Dr. Shirley Miedijensky, Dr. Mercedes Edri, Dr. Anat Ben-Gal	Learning space consciousness: Observing pedagogical behaviors in learning spaces through the lens of consciousness	Tel-Hai College & Shamir Research Institute	2021	

9. Scholarships, Awards and Prizes

* Since receiving the final rank of Senior Lecturer

Year	Grantor of award/fellowship
2017*	Award for Excellence in Teaching – Tel-Hai College.
2015	Award for Excellence in Teaching – Tel-Hai College.
2008	Meyer Scholarship, Tel-Hai College.

10. Teaching

a. Courses Taught in Recent Years

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
2005- present	Technology in education	Lecture - workshop	Bachelors degree	35
2005- present	Evaluation of educational projects	Lecture - workshop	Bachelors degree	35
2007- present	Research seminar in education	Lecture - workshop	Bachelors degree	20
2013- present	Principles of designing educational learning environments	Lecture - workshop	Bachelors degree	35
2016- present	Evaluation in Education: Theory and Practice	Lecture - workshop	Master's degree	20
2016- present	Technology and pedagogy	Lecture - workshop	Master's degree	20
2016- present	Research seminar in education	Lecture - workshop	Master's degree	20
2016- present	Innovative pedagogy	Lecture - workshop	Master's degree	20
2017- 2018	Mediated Learning	Lecture - workshop	Bachelors degree	50

2020-present	Thesis workshop	Lecture - workshop	Master's degree	7
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b. Supervision of Graduate Students

* Since receiving the final rank of Senior Lecturer

Name of Student /	Name of Other Mentors	Title of Thesis	Degree	Date of Completion / in Progress	Students' Achievements
M.A. Students					
Neta Gavish*	Dr. Joy Ben-Tov, University of Haifa	Impact of collaborative learning on students' social attitudes	M.A.	2019-2021	
Nama Okavi*	Dr. Yael Grinstain, Tel-Hai College	The relationships between parental capital, their perceptions regarding good distance learning and their pedagogical behavior	M.A.	2020, In progress	
Sara Charbeti*	Dr. Yael Grinstain, Tel-Hai College	Pedagogical leadership among teachers and principals	M.A.	2021, In progress	
Ph.D. Students					
Merchi Edry-Malul*	Prof. Judy Dori, Technion Institute	High School Students' Scientific Research and its Effect on STEM Career Choice	Ph.D.	2016 - 2020	Presentations in three international conferences; paper in a peer review process in a Refereed Journals
Noam Malkinson*	Prof. Yael Kali and Dr. Yotam Hod,	Professional development in university-	Ph.D.	2020, In progress	Presentation in an

	University of Haifa	community partnerships			international conference
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PUBLICATIONS

A. Ph.D. Dissertation

Title: Case-based computerized experiments and their effect on the visualization skills and chemistry understanding of high-school students

Date of submission: 2007

Number of Pages: 172

Language: English

Name of Supervisor: Professor Yehudit Judy Dori

University: Technion – Israel Institute of Technology

Publications related to the thesis work: #2, #5, #7

B. Articles in Refereed Journals

Published – In English

* Since receiving the final rank of Senior Lecturer

1. Dori, Y. J., **Sasson, I.**, Kaberman, Z. & Herscovitz, O. (2004). Integrating case-based computerized laboratories into high school chemistry. *The Chemical Educator*, 9, 4-8. (Journal rating not available)
2. Dori, Y. J., & **Sasson, I.** (2008)¹. Chemical understanding and graphing skills in an honors case-based computerized chemistry laboratory environment: The value of bidirectional visual and textual representations. *Journal of Research in Science Teaching*, 45, 219-250. (Q1 Education, SCOPUS CiteScore=7.70)
3. **Sasson, I.**, & Cohen, D. (2013). Assessment for effective intervention: Enrichment science academic program. *Journal of Science Education and Technology*, 22(5), 718-728. (Q1 Education, SCOPUS CiteScore=4.30)
4. Hen, M., & **Sasson, I.** (2013). Towards mutual understanding (TMU) – Religious and secular students in higher education. *Journal of Educational and Social Research*, 3(1), 151-162. (Q3 Social Sciences, SCOPUS CiteScore=0.50)

¹ Both authors contributed equally to this article

5. Dori, Y.J., & **Sasson, I.** (2013). A three-attribute transfer skills framework – Part I: Establishing the model and its relation to chemical education. *Chemistry Education Research and Practice – CERP*, 14, 363-375. (Q1 Education, SCOPUS CiteScore=4.40)
6. **Sasson, I.** (2014). The role of informal science centers in science education: attitudes, skills, and self-efficacy. *Journal of Technology and Science Education*, 4(3), 167-180. (Q2 Education, SCOPUS CiteScore=2.60)
7. **Sasson, I.**, & Dori, Y. (2015). A three-attribute transfer skills framework – Part II: Applying and assessing the model in science education. *Chemistry Education Research and Practice – CERP*, 16, 154-167. (Q1 Education, SCOPUS CiteScore=4.40)
8. *Cohen, D. & **Sasson, I.** (2016). Online quizzes in a virtual learning environment as a tool for formative assessment. *Journal of Technology and Science Education*, 6(3), 188-208. (Q2 Education, SCOPUS CiteScore=2.60)
9. ***Sasson, I.**, Yehuda, I., & Malkinson, N. (2018). Fostering critical thinking and question-posing skill in an innovative learning environment. *Thinking Skills and Creativity*, 29, 203-212. (Q1 Education, SCOPUS CiteScore=5.00)
10. ***Sasson, I.** (2019). Participation in research apprenticeship program: Issues related to career choice in STEM. *International Journal of Science and Mathematics Education*, 17(3), 467-482. (Q1 Education, SCOPUS CiteScore=4.00)
11. ***Sasson, I.** (2019). Pedagogical characteristics of classroom learning tasks: A three-dimensional methodological framework. *Pedagogy, Culture & Society*, 27(2), 163-182. (Q1 Cultural studies, SCOPUS CiteScore=2.10)
12. ***Sasson, I.** (2019). Building a sustainable university-community partnership: Case study in science education. *Studies in Higher Education*, 44(12), 2318-2332. (Q1 Education, SCOPUS CiteScore=6.80)
13. ***Sasson, I.**, Kalir, D., & Malkinson, N. (2020). The role of pedagogical practices in novice teachers' work. *European Journal of Educational Research*, 9(2), 457-469. (Q2 Education, SCOPUS CiteScore=2.00)
14. ***Sasson, I.** (2020). Becoming a scientist - Career choice characteristics. *International Journal of Science and Mathematics Education*, 19(3), 483-497. (Q1 Education, SCOPUS CiteScore=4.00)
15. *Miedijensky, S., & **Sasson, I.** (2020). Participatory action research as a way to innovate mathematics and science teaching, teachers' professional development perceptions and performances. *Educational Action Research*, 3(1), 39-60. DOI: <https://doi.org/10.1080/09650792.2020.1802320> (Q2 Education, SCOPUS CiteScore=2.40)

16. ***Sasson, I.**, & Miedijensky, S. (2020). Fostering transfer skills in teacher training programs: The question of assessment. *Professional Development in Education* DOI: <https://doi.org/10.1080/19415257.2020.1839783> (Q1 Education, SCOPUS CiteScore=3.30)
17. *Miedijensky, S., **Sasson, I.**, & Yehuda, I. (2021). Teachers' learning communities for developing thinking skills - A case study of school pedagogical change. *Interchange* DOI: <https://doi.org/10.1007/s10780-021-09423-7> (Q2 Education, SCOPUS CiteScore=2.00)
18. ***Sasson, I.**, Malkinson, N., & Tutia, O. (2021). Redesigning the learning space: The development of a sense of class cohesion. *Learning Environments Research* DOI: <http://link.springer.com/article/10.1007/s10984-021-09356-z> (Q1 Communication, SCOPUS CiteScore=3.50)
19. ***Sasson, I.**, & Malkinson, N. (2021). Co-teaching-based professional development: Self-efficacy, attitudes toward the profession, and pedagogical practices. *Journal of University Teaching & Learning Practice*, 18(6), 82-100. DOI: <http://dx.doi.org/10.53761/1.18.6.07> (Q3 Education, SCOPUS CiteScore=1.10)
20. ***Sasson, I.**, Yehuda, I., Miedijensky, S., & Malkinson, N. (2021). Designing new learning environments: An innovative pedagogical perspective. *The Curriculum Journal* DOI: <https://doi.org/10.1002/curj.125> (Q2 Education, SCOPUS CiteScore=2.20)
21. ***Sasson, I.**, Yehuda, I., & Miedijensky, S. (2021). Innovative learning spaces: Class management and universal design for learning. *Learning Environments Research* DOI: <https://doi.org/10.1007/s10984-021-09393-8> (Q1 Communication, SCOPUS CiteScore=3.50)
22. ***Sasson, I.**, Grinstain, Y., Ayali, T., & Yehuda, I. (2022). Leading the school change: The relationships between organizational, personal, and pedagogical aspects. Accepted to *International Journal of Leadership in Education* DOI: 10.1080/13603124.2022.2068187 (Q1 Education, SCOPUS CiteScore=2.80)

Articles in Refereed Journals – Published in Hebrew

23. Herscovitz, O., Kaberman, Z., **Sasson, I.**, & Dori, Y. (2003). Computerized laboratories and molecular models in chemistry. *Alon Morei Hachemia Al Chemiya*, 4, 30-37.
24. **Sasson, I.**, Greenbaum, E., & Govrin, A. (2012). Aging and information technology and communication (ICT): What affects attitudes towards computers? *Gerontology*, 39(3), 57-75. (**Vatat list**)
25. **Sasson, I.**, & Versano, C. (2013). Evaluation of the democratic school: The perspective of the graduates. *Maof Uma'aseh*, 15, 146-172. (**Vatat list**)
26. ***Sasson, I.** (2017). What determines a school's success in science and technology education? Learning from success in the periphery. 'Mifgash' - For educational and social work, 44, 11-36. (**Vatat list**)

27. ***Sasson, I.** & Kopietz, K. (2019). Implementation of an educational change in the organization – An evaluation model. *Eyunim Beminhal Irgun Hahinuch'*, 36, 277-312. **(Vata list)**
28. ***Sasson, I.** (2021). A model for pedagogical characterization of innovative learning spaces: A tool for the professional development of educators. "*Eyunim Bechinuch*" **(Vatat list)**

C. Articles or Chapters in Scientific Books (which are not Conference Proceedings)

Published

1. **Sasson, I.**, & Dori, Y.J. (2012). Transfer skills and their case-based assessment. In B. J. Fraser, K. G. Tobin, and C. J. McRobbie (Eds.), *The Second International Handbook of Science Education* (pp. 691-710). Dordrecht, The Netherlands: Springer-Verlag.

D. Articles in Conference Proceedings

Published

1. **Sasson, I.**, & Dori, Y. (2006). Fostering near and far transfer in the chemistry case-based laboratory environment. In G. Clarebout, & J. Elen (Eds.), *Avoiding simplicity, confronting complexity: Advance in studying and designing powerful (computer-based) learning environments* (pp. 275-286). Rotterdam, The Netherlands: Sense Publication.
2. **Sasson, I.** (2013). Research-based teaching in science education: A regional innovative program. In N. Callaos, J. Horne, N. Lace, W. Lesso, & M. Siddique (Eds.), *The 17th World Multi-Conference on Systemics, Cybernetics and Informatics – Proceedings book* (pp. 253-256). Orlando, Florida, USA: International Institute of Informatics and Systemics.
3. **Sasson, I.**, & Kopietz, K. (2013). Social responsibility in science education: A multidimensional model for evaluating programs to reduce educational disparity in the periphery. In R. Lustig (Ed.), *Towards an era of social responsibility: The evaluators, evaluatees, and the public* (pp. 185-200). Israel Association for Program Evaluation.

E. Other Scientific Publications

Published

Textbooks for the Ministry of Education

1. Herscovitz, O., Kaberman, Z., **Sasson, I.**, & Dori, Y. (2002). *Computerized laboratories and molecular imagery in chemistry*. The Faculty of Education in Science and Technology, The Technion Institute of Technology, Curriculum Division of the Ministry of Education. Holon, Israel: Yesod. (In Hebrew)
2. **Sasson, I.**, Stenger, R., Paskin, A., & Dori, Y. (2005). *From nanochemistry to microelectronics*. The Faculty of Education in Science and Technology, The Technion Institute of Technology, Curriculum Division of the Ministry of Education. Holon, Israel: Yesod. (In Hebrew)

F. Submitted Publications

Articles in Refereed Journals

1. **Sasson, I.**, Miedijensky, S., Ben-gal, A., Edry, M., & Malkinson, N. (2021). Promoting participatory design: The use of the logic model. Accepted with minor revisions to *Evaluation and Program Planning* (Q1 Geography, Planning and Development, SCOPUS CiteScore=3.30)
2. Calo Livne, A.E. Malkinson, N., & **Sasson, I.** (2021). A School on Stage: A Process of Change with the Performing Arts. Submitted to *Interchange* (Q2 Education, SCOPUS CiteScore=2.00)
3. Edry, M., **Sasson, I.**, & Dori, Y.J. High school apprenticeship research experience for diverse learners: scientific dispositions, STEM career choice, and mentor–student interaction. Submitted to *International Journal of Science Education* (Q1 Education, SCOPUS CiteScore=3.20)
4. **Sasson, I.** Computer-Supported Collaborative Learning (CSCL): Pedagogical design framework. Submitted to *Technology, Pedagogy and Education* (Q1 Communication, SCOPUS CiteScore=4.40)
5. **Sasson, I.** & Yehuda I. Re-designing the learning environment: Student motivation and personal responsibility. Submitted to *Psychology in the Schools* (Q2 Education, SCOPUS CiteScore=2.20)
6. Miedijensky, S., & **Sasson, I.** An evaluation model for implementation of an educational philosophy by the organization. Submitted to *Evaluation and Program Planning* (Q1 Geography, Planning and Development, SCOPUS CiteScore=3.30)
7. **Sasson, I.**, & Miedijensky, S. Research performance in higher education: Research outcomes, gender, and research authority support. Submitted to *Studies in Higher Education* (Q1 Education, SCOPUS CiteScore=6.80)