

RESUME

January 2023

1. PERSONAL DETAILS

Full Name: Ayelet Baram-Tsabari

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ORCID iD: orcid.org/0000-0002-8123-5519

2. ACADEMIC DEGREES

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| 2001-2008 | Direct Ph.D. Program. Department of Science Teaching, Feinberg Graduate School of the Weizmann Institute of Science, Israel |
| 2005-2006 | Master's Program in Social Sciences and Humanitarian Affairs. La Sapienza University, Rome, Italy. Israeli-Palestinian cooperation program promoted by UNESCO |
| 1998-2001 | B.Sc. Research program for outstanding students of the Faculty of Life Sciences, Tel Aviv University, Israel |

3. ACADEMIC APPOINTMENTS

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| 2021-present | Full Professor , Faculty of Education in Science and Technology, the Technion |
| 2015-2021 | Associate Professor , Faculty of Education in Science and Technology, the Technion |
| 2011-2015 | Assistant Professor , Faculty of Education in Science and Technology, the Technion |
| 2008-2010 | Lecturer , Department of Education in Science and Technology, the Technion |
| Visiting scholar | |
| Sept-Oct 2014 | Visiting scholar with the European Centre for Nuclear Research (CERN) communication group, Geneva |
| Sept-Oct 2013 | JSPS Fellow for Research in Japan , Tokyo University of Science |
| 2010 – 2011 | Marie Curie Fellow at the Department of Communication, Cornell University, Ithaca, NY |

4. PROFESSIONAL EXPERIENCE (outside academia, in Israel)

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| 2008-2009 | Reporter , <i>Globes</i> , national daily economic newspaper, weekly popular-science column |
| 2009 | TV Presenter , Channel 2, national Israeli TV, presenting a one hour program about evolution |

2007-2008	TV Presenter , Channel 2, national Israeli TV, presenting a popular-science spot
2005-2007	Reporter , <i>Blazer</i> , monthly men's magazine, popular-science column
2005-2006	Reporter , <i>Globes</i> , national daily economic newspaper, weekly popular-science column
1999-2004	Reporter/Editor , <i>Ha'Ir</i> , Tel Aviv's local magazine, various writing and editing positions
2003-2004	TV Presenter , Channel 10, national Israeli TV, presenting a popular-science spot
2003	TV Editor , "Science News", Channel 8 on cable TV, deputy editor and science advisor
2002	Book Editor , Co-editor of "Successful Enlistment" for Keter Publishing House (In Hebrew)
2001-2002	Teacher , Cararie Comprehensive High School, Rishon Le Zion, Biology
2000	Novelist , Co-Author of "Alternatively Green", Keter Publishing (In Hebrew)

5. RESEARCH INTERESTS

- The relevance of science education and science literacy in adult lives
- Publics' engagement with science
- Science communication
- Media training for scientists

6. TEACHING EXPERIENCE

Graduate courses

Seminar in Educational Research (course number 218123)

A forum for critical and constructive discussion of research work for Master's or Doctoral degrees.

Foundations of Educational Research (course number 218103)

Introducing STEM graduates to philosophies of research in education and the social sciences.

Science Communication Seminar (course number 218218)

Design and teaching of a new course at the Technion as well as in Israel. An introduction to a variety of theoretical frameworks that may guide research in the emerging field of science communication, including political communication, risk communication, public engagement, public deliberation, the new media landscape and issues of trust.

"Nature of Science" in Secondary Schools (course number 218326)

Focuses on attitudes and cognitive characteristics of the nature of science.

Science Education Seminar (course number 218328)

Theories of motivation and interest and their application to career choices.

Science Education Seminar (course number 218101)

Real-world applications and manifestations of science literacy.

Quantitative Methods in Educational Research (course number 218150)

Review of traditional and advanced topics in quantitative research design.

Biology Curricula Development Project (course number 218135)

A workshop for the development of innovative ways to incorporate citizen science into formal science instruction.

Joint course for graduates and undergraduates

Science Communication: Theory and Practice (course number 216117)

Design and teaching of a new course at the Technion as well as in Israel. Addresses issues such as formulation of the message to fit an audience, presentation of science-related issues, public knowledge of science and its resources, and different models of science communication. An elective course in the Technion's minor in entrepreneurship. I obtained funding for turning the course into a MOOC (2020) available in Hebrew on Campus IL and in English on edX.

Science Communication Practicum (course number 216002)

Design and teaching of a new course at the Technion as well as in Israel. Includes participation in science communication activities in authentic media outlets. Obtained funding from the Technion Social Hub (2018).

Developments in Biology Education (course number 216116)

Recent developments in biology education, such as using argumentation and debate, informal resources, authentic science, students' interests and adapted primary literature.

Undergraduate courses

Introduction to Education (course number 214117)

Co-developing and co-teaching a basic course for pre-service teachers.

Philosophy of Education (course number 214110)

Facilitating pre-service teachers' development of an educational identity and philosophy.

Learning in High-Tech and Academia (course number 214115)

Introduction to learning in various designed and un-designed learning environments.

7. TECHNION ACTIVITIES

2021	Technion Promotion Preparatory Committee Member
2020	Mentor of new faculty to the Technion - Class of 2020 (together with Prof. Barak and Prof. Perets)

2020-present	Member of the Technion Human Health Initiative council
2020	Technion representative on the “Gender Equity Forum: Researching, Learning, and Impacting” of leading female researchers from Israeli research universities
2020	Member of a strategic think tank for Technion’s conduct in the 2020/2021 academic year
2020	Technion representative on FIRST Robotics Competition board in Israel
2019-present	Co-founding and co-academic director of the Technion-MadaTech Citizen Lab (designed and developed with Prof. Tali Tal and the MadaTech team)
2019	Member of the MadaTech - Israel National Museum of Science, Technology, and Space innovation program committee
2017-2018	Member of the Student Discipline Committee
2016-2018	Member of the National Institute for Testing and Evaluation Board of Directors (Technion representative)
2014-2015	Member of the education sub-committee of the Technion’s crowdsourcing committee
2012-2018	Guest lectures in other faculties: Bio-Innovation and Entrepreneurship (Faculty of Biotechnology and Food Engineering), Selected issues in Industrial Design (Architecture and Town Planning), Project course (BioMedical Engineering)
2012	Speaker in a panel presentation to the Technion Board of Governors, “Science Communication: Bridging the Public’s Right to Know with its Ability to Understand”
2011-2013	Member of the Inspection Committee on the Constitution of the Animal Experimentation at the Technion
2011	Judge at the SciTech science communication competition and poster competition
2010	Speaker at an ATS event honoring the installation of a new Regional President, NYC
2008	Speaker during a weeklong ATS speakers' tour of the US

8. DEPARTMENTAL ACTIVITIES

2020-2022	Faculty’s communication and marketing unit (including production of topical Webinars, recruiting online events, social media campaigns and presence, starting a newsletter, video content etc.)
Oct. 2018-Sept. 2020	Faculty Vice Dean for Graduate Studies
May 2016-present	Faculty of Education in Science and Technology, Promotion Preparatory Committee Member
March 2016 -2017	Faculty Vice Dean for Teaching
2014-present	Departmental Teaching Committee

2013-present	Departmental committee for Academic Integrity
2011-2019	Academic supervisor and students' counselor of the biology education track
2011-2012	Department representative at the forum for teachers' professional development at the Ministry of Education
2009	Organizer of the departmental seminar series

9. PUBLIC PROFESSIONAL ACTIVITIES

2023	Steering Committee for the development of a Climate change curricula for 8 th graders. The Center of Educational Technology (CET).
2021 -present	A member of the S&T Education Committee, National Council of R&D, Ministry of Science & Technology
2020	Committee member of Israel's Presidential Scholarship for Excellence and Scientific Innovation
2020	Co-organizing the: " Scientists reporting from the Corona front " online lecture series in collaboration with Little Big Science Facebook page, Galey Zahal and the Israel Young Academy
2018-2022	Member of the public committee of the Academy of the Hebrew Language
2018	Board member, The Seventh Eye – independent, investigative and free journalism
2017-2021	A member of the Advisory Board for the US National Academy of Sciences' Koshland public engagement program - LabX
2017-2019	Chairperson of the Communication Committee of the Israel Young Academy of the Israel Academy of Sciences and Humanities. Projects include: co-editing a weekly science column on Israel's most popular news website , social media presence, facilitating the use of academic expertise in decision making , online popularization of multidisciplinary academic research , science communication training for early career researchers
2016-2022	Member of the Academic Committee on Digital Learning in Israeli Academia, Council for Higher Education, Planning and Budgeting Committee
2016-2021	Elected member of the PCST (Global Network for Science Communication) scientific committee
2016-2017	Chairperson of the Research Committee, the Second Authority for Television and Radio Council
2015-present	A member of the Science Communication Steering Committee of Davidson Institute of Science Education at the Weizmann Institute of Science
2015-2016	Advisor to the Israeli Ministry of Science, Technology and Space on developing Public Understanding of Science surveys
2014-2017	A Member of the Second Authority for Television and Radio Council

2014-2016 Co-chair and co-founder of the Israeli forum for the advancement of science communication in the Israel Academy of Sciences and Humanities

Membership on Editorial Boards (international)

2022-present Editorial board member of *International Journal of Science Education Part B: Communication and Public Engagement* (IJSE:B)

2020-present Editorial Board member of *Public Understanding of Science* (PUOS)

2014 Guest editor of *Journal of Research in Science Teaching* (JRST) special issue "Bridging science education and science communication research" together with Prof. Jonathan Osborne

2013-2014 Associate Editor of the *Journal of Research in Science Teaching* (JRST)

2011-2017 Editorial board member of *Research in Science Education* (RISE)

2010-2012 Editorial board member of the *Journal of Research in Science Teaching* (JRST)

2009-2011 A member of the NARST Award Committee of the Journal of Research in Science Teaching Paper Award

Reviewer

Journals: JRST, Science Education, RISE, IJSE:A, IJSE:B, PUOS, Science Communication, JCOM, People and Nature, JLSP, Nature Human Behaviour

Grants: BSF, ISF, NSF

Member of professional promotion committee for several faculty members (undisclosed) at Israeli institutions of higher education

10. MEMBERSHIP IN PROFESSIONAL SOCIETIES (not continually)

ESERA – European Science Education Research Association

NARST – A Global Organization for the Promotion of Science Education through Research

PCST – Public Communication of Science and Technology

ISLS – International Society of the Learning Sciences

AERA – American Educational Research Association

ECSA – European Citizen Science Association

EARLI - The European Association for Research on Learning and Instruction

11. FELLOWSHIPS, AWARDS AND HONORS

2022 Technion Award for Excellence in Teaching (top 4%)

2021 The Higher Education Award for a Young Faculty Member for an exceptional contribution to society and the community in Israel, the Council of Higher Education, Jerusalem

2018 Technion Award for Excellence in Teaching (top 4%)

- 2016-2020** Elected member of the "Young Academia" of the Israel Academy of Sciences and Humanities
- 2015** Yanai Prize for Excellence in Academic Education, Technion, Haifa, Israel
- 2015 Technion Award for Excellence in Teaching (top 12%)
- 2014 Technion Award for Excellence in Teaching (top 4%)
- 2013 Technion Award for Excellence in Teaching (top 4%)
- 2012-2014 Landau Fellow
Leaders in Science and Technology Program, Technion, Haifa, Israel
- 2011-2013** Alon Fellowship for Outstanding Young Researchers
Fellowships for the Absorption of New Faculty, Council of Higher Education, Jerusalem, Israel (additional details in 'Grants')
- 2010-2011 Marie-Curie International Outgoing Fellowship
(Additional details in 'Grants')
- 2009 Technion Award for Excellence in Teaching (top 4%)
Technion, Haifa, Israel
- 2007 The Elchanan E. Bondi Memorial Prize
The Feinberg Graduate School, Weizmann Institute of Science, Rehovot, Israel
- 2007 The Committee of Universities Presidents' letter of recognition of academic excellence
The Knesset (Israeli parliament), Jerusalem, Israel
- 2006 Dean's honorary award for excellence
Feinberg Graduate School, Weizmann Institute of Science, Rehovot, Israel
- 2005 Dean's honorary award for excellence
Feinberg Graduate School, Weizmann Institute of Science, Rehovot, Israel
- 2004 Marie Curie Fellowship
Marie Curie Training Site, Centre for Studies in Science and Mathematics Education
University of Leeds, UK (March – June 2004)
- 2004-2007 Sacsta Rashi Fellowship for honors students in science education
- 2001 B.Sc. Cum Laude
Faculty of Biology, Tel-Aviv University, Tel-Aviv, Israel
- 2000 Dean's honorary award for excellence
Faculty of Biology, Tel-Aviv University, Israel
- 1999 Dean's honorary award for excellence
Faculty of Biology, Tel-Aviv University, Israel

12. GRADUATE STUDENTS

Completed Ph.D. Theses

1. **Galit Hagay**, "Using Students' Individual Interests to Increase Situational Interest in the Biology Classroom" (co-supervisor: Prof. Avi Berman). Graduation: 2012. Kaplan Prize, a departmental honorary fellowship (2012). An honorary fellowship from the graduate school and the department (2012). Technion Award for Excellence in Teaching for TAs (2015). Currently deputy principal of Carmel-Zvulun high school.
2. **Ran Peleg**. "Using Theatre in Science Education" (co-supervisor: Prof. Avi Berman). Graduation: 2013. Mandel Scholars in Education Program fellow for distinguished Ph.D. students, Mandel Leadership Institute, Jerusalem (9/2011 – 8/2012). Currently tenure track Lecturer at South Hampton University, UK.
3. **Esti Laslo**. "Bioethics on the Israeli Media: A Case Study of Public Engagement in Science." Graduation: 2015. Departmental honorary fellowship 2011 and again in 2013. Senior faculty member in the Medical Laboratory Sciences, Zefat Academic College. Science literacy national coordinator at the Ministry of Education, Sciences department.
4. **Tzipora Rakedzon**. "Teaching and Assessment of Communication Skills among Science and Engineering Graduate Students in Two Genres: Academic and Popular Science Texts." Graduation: 2017. Accepted to a competitive junior researchers' pre-conference of EARLI (2015). Currently, tenure track Senior Lecturer and Associate Head of the Department of Humanities and Arts at the Technion – Israel Institute of Technology.
5. **Hani Swirski**. "Why Can't I Fly? Common Interests in Science Questions as a Resource to Promote Student Voice in Science Education." Graduation: 2018. Faculty Award for Excellence in Teaching for teaching assistants (winter 2013). Best Student Paper Award at the 9th annual Chais Conference. Faculty honorary fellowship (2015). Kaplan Prize for contribution to the educational system, a departmental honorary fellowship (2016). Irwin and Joan Jacobs Excellence Fellowship for Ph.D. Students (2017). Currently a Program manager of the MadaTech's (National science museum), Citizens Lab.
6. **Sophie Shauli**. "Engagement with Science among Parents of Hearing-Impaired Children." Graduation: 2018. Currently a lecturer in the science department, Gordon Academic College and in the Education department, Western Galilee College Teacher of deaf and hard of hearing children.
7. **Yaela Golumbic**. "Public Participation in Scientific Research: Citizen Observatory for Involvement in Air Quality Monitoring as a means of Inducing Public Engagement with Science" (co-supervisor: Associate Prof. Barak Fishbain). Graduation: 2018. Prof. Rahamimoff Travel Grant for Young Scientists of the US-Israel Binational Science Foundation (2016). Support grant of the Technion Social Hub for promoting partnerships between communities and academia (2017). Yaakov Don memorial prize for community learning and technology (2018). Kaplan Prize for exceptional contribution to research, a departmental honorary fellowship (2018). Currently Head of citizen science research at The Steinhardt Museum of Natural History, Tel Aviv University.
8. **Aviv Sharon**. "An Outsiders' View and an Insiders' View: Expressions of Science Literacy on Online Q&A Platforms." Kaplan Prize for exceptional contribution to research, a departmental honorary fellowship (2017). Irwin and Joan Jacobs Excellence Fellowship for

Ph.D. Students (2018). Graduation: 2019. Currently a postdoctoral fellow at the Faculty of Education in Science and Technology, Technion.

9. **Yael Barel.** "Filling the Void' – Scientists as Science Reporters." Won a fellowship to attend the Erice International School of Science Journalism (2018). PCST travel award for early career researchers funded by the journal Public Understanding of Science (2020). Jacobs award for publishing an outstanding paper by a graduate student (2020). Graduation: 2020. Currently a Public Engagement program manager of MadaTech's (National science museum) Citizens Lab.

Completed Ph.D. as co-advisor

10. **Chen Gafni-Amsalem.** "Developing E-Counseling Tools for Family Planning." Principal advisor: Prof. Stavit Shalev, Rapaport Faculty of Medicine, Technion. Candidacy exam: March 2018. Graduation: May 2022.
11. **Olfat Aboleil Zoubi.** "Developing Electronic Tools in Arabic and Hebrew (E-Counseling) for Prenatal Genetic Counseling." Principal advisor: Prof. Stavit Shalev, Rapaport Faculty of Medicine, Technion. Candidacy exam: March 2018. Graduation: May 2022.
12. **Johanna Robinson.** "User experience evaluation of novel air quality sensing technologies for citizen engagement in environmental health studies". Principal advisor: Dr. David Kocman, Jožef Stefan Institute, Ljubljana, Slovenia. Graduation: May 2022.
13. **Akiva Berger.** "Constructing Religious Authority Online: Epistemic Religious Learning amongst Jewish Religious Zionist Orthodoxy in Israel." Principal advisor: Dr. Oren Golan, Faculty of Education, University of Haifa. Candidacy Exam: September 2018. University of Haifa Scholarships for Academic Excellence. Silver Foundation Award for Technologies in Education. HSSC 2020 Best Presentation Grant. Expected year of graduation: 2023.

Completed MSc Theses

1. **Maya Kalir-Meyrav,** M.Sc. student. "Using Science Education Know-How to Inform Science Communication Teaching: Characterizing and Evaluating Students' Skills and Perceptions in a Science Communication Course." Graduation: February 2014. Accepted to a competitive science journalism summer school, Erice, Italy (2012).
2. **Yael Barel,** M.Sc. student. "Science in the Israeli News Media." Graduation: March 2015, Cum Laude.
3. **Doris Asakly,** M.Sc. student. "Characteristics of Authentic Scientific Discourse in Social Networks: The Case of Drinking Water Fluoridation." Graduation: April 2017. Faculty excellence fellowship (2015/6).
4. **Kawther Zoubi,** M.Sc. student. "The Quality of Scientific information Available to Internet Users in Three Languages." Graduation: March 2020. Outstanding student article award chaise conference.
5. **Orly Wolfson.** "Media Representations of Scientific Uncertainty During the COVID-19 Outbreak in Israel." Candidacy: January 2021. Graduation: April 2022.

Ph.D. Theses in Progress

1. **Dalit Lan.** "Citizen Science in Schools for the Development of Spatial Citizenship" (with secondary advisor: Dr. Sagie Dalyot). Candidacy exam: Nov. 2020. Expected year of graduation: 2023.
2. **Yael Rozenblum.** "Teachable moments: The development of scientific literacy in the Israeli public and media during the COVID-19 pandemic." Candidacy exam: Sept. 2021. Expected year of graduation: 2024.
3. **Shaked Dabran.** "Alternative narratives for science-related conspiracy theories in the online space – Exploring inequality in scientific literacy at the societal level through online search results". Candidacy exam: Dec. 2022. Expected year of graduation: 2025.

M.Sc. Theses in Progress

1. **Roni Shapira.** "A comparative analysis of the quality of online scientific information available in different languages on top Google search results". Candidacy: Nov. 2021. Expected year of graduation: 2023.

Ph.D. in Progress as co-advisor:

1. **Osnat Atias.** "Fostering a Mutualistic Ecology in Citizen Science Projects". Principal advisor: Prof. Yael Kali, Faculty of Education, University of Haifa, Candidacy Exam: March 2018. Accepted to the ICLS Doctoral Consortium Workshop (2020). Expected year of graduation: 2023.
2. **Yifat Zimmerman.** "Science News Websites and their Facebook Pages as Mediators between Science and the Public". Principal advisor: Prof. Tali Tal, Faculty of Education in science and Technology, Technion. Candidacy Exam: May 2020. Yifat won an award for best proposal in the field of communication studies, Metaksherim graduate conference. Expected year of graduation: 2023.

13. SPONSORED LONG-TERM VISITORS AND POST-DOCTORAL ASSOCIATES

Former Postdoc Fellows

1. **Dr. Roni Armon,** postdoctoral fellow (2011-2012). The Communication of Biomedical Research in the Israeli Electronic Media. October 2011- November 2012. Won a Marie-Curie Intra-European Fellowship (FP7), studying science communication in London for two years. Currently data scientist.
2. **Dr. Daniela Orr,** postdoctoral fellow (2014-2017). The Polio Vaccination Crisis in the Social media: between Knowledge and Trust. July 2014 – December 2017. Currently Head of Research at non-profit organization "Beterem - Safe Kids Israel."
3. **Dr. Lea Taragin-Zeller,** postdoctoral fellow (2019-2021). Communicating Science among the Jewish Ultra-Orthodox in Israel: Audience Reception in Insular Communities. Sept 2019- Sept 2021. Won Technion Research Fellowship "Haredim and Science: Anthropological

Encounters". Oct. 2020-Sept. 2021. Currently, Assistant Prof. in the Hebrew University as of Oct. 2021.

4. **Dr. Keren Dalyot**, postdoctoral fellow (2017-2019) and a senior research associate (2020-2022). Risk Communication and Parents' Perceptions of Non-Ionizing Radiation in Schools: The Case of Wi-Fi in Israeli Classrooms. February 2017 –December 2019. The Classroom as a Platform for Community Engagement with Food Production and Science, 2020-2022. Currently, external consultant for the EU's EIT food youth mission initiative as of January 2023.

Active Postdoc Fellows

5. **Dr. Inbal Klein-Avraham**, postdoctoral fellow. Public engagement with science in the era of Artificial Intelligence. Starting January 2023.

14. RESEARCH GRANTS

Competitive

2022-2025	Total budget 299,991 Euros My share 127,214 Euros	One of 2 PIs in Research Cooperation Lower Saxony – Israel. Niedersachsen grant, Ministry of Science in Lower Saxony, Germany	Talking to machines, deciding with machines: Public engagement with science in the era of Artificial Intelligence
2021-2022	Total budget 552,085 Euros. My share 149,460 Euros	One of 7 partners, I am the leading partner. EIT Food, European Institute of Innovation and Technology, EU	FoodScienceClass: The Classroom as a platform for community engagement with food science
2021	28,850 Euro	Proof of Concept, EIT Food, European Institute of Innovation and Technology, EU	Thinking outside the lunch box
2020	Total budget 258,099 Euros. My share 88,912 Euros	One of 4 partners, I am the leading partner. EIT Food, European Institute of Innovation and Technology, EU	The Classroom as a Platform for Community Engagement with Food Production and Science
2019-2021	Total budget 450,000 NIS. My share: 178,572 NIS	One of 3 PIs. Israeli Ministry of Science and Technology	Communicating Science among the Jewish Ultra-Orthodox in Israel: Journalistic Praxis and Audience Reception in Insular Communities
2018-2022	Total budget 3.5M NIS. My share: 700,000 NIS	One of 5 PIs of Israel Centers of Research Excellence (I-CORE), Israel Science Foundation	Taking Citizen Science to School: Breaking Boundaries Between School and Society
2017-2019	500,000 NIS	Israeli Ministry of Science, Technology and Space	Risk Communication and Parents' Perceptions of

			Non-ionizing Radiation in Schools: The Case of Wi-Fi in Israeli Classrooms
2017	70,000 NIS	Israel Science Foundation	International research workshop on Public Engagement with Science in Social Media
2015-2017	260,000 NIS	Israel Science Foundation	Online Public Engagement with Science: The Case of Polio Vaccination in the Israeli Social Media
2013-2017	Total budget 35M NIS. My share: 1,078,640 NIS	One of 11 members of Israel Centers of Research Excellence (ICORE), Israel Science Foundation	Learning in a Networked Society (LINKS): Co-creation of Knowledge in Technology-Enhanced Communities of Learning
2010-2011	153,377 Euros	Marie-Curie International Outgoing Fellowships under FP7	Identifying best practices for successful facilitation of science learning through general interest television programming
2009-2011	Total budget 4.7M Euros. My share: 90,000 Euros	A coordination and support action under FP7 which included 26 participants	Science-teacher education advanced methods

Industrial and others

2020-2021	400,000 NIS	Ministry of Education and National Digital Ministry	Development of the first science communication MOOC in Hebrew for "Campus IL"
2018	97,700 NIS	Soreq Nuclear Research Center	Risk communication in a case of radiological accident
2018-2020	MC Member from Israel to EU COST Action CA17132		European network for argumentation and public policy analysis
2016	MC Substitute from Israel to EU COST Action CA15212		Citizen Science to promote creativity, scientific literacy, and innovation throughout Europe
2014-2016	\$7,000 for both PI's	Cornell-Technion Faculty Exchange Program	Technion-Cornell Joint research Fund together with Prof. Lewenstein
2013	\$8000	JSPS Invitation Fellowship Program	Japan Society for the Promotion of Science. Host researcher: Prof. Masakata Ogawa, Graduate School of

		for Research in Japan (Short-term)	Mathematics and Science Education, Tokyo University of Science
2012-2014	My share: \$25,000 (originally 2012/3 \$15,000; a follow-up grant of 10,000\$ obtained for 2014)	Technion-Cornell Joint Research Fund.	Civic Participation 2.0. With Prof. Cynthia Farina, Cornell eRulemaking Initiative, Cornell Law School; Prof. Claire Cardie, Computer Science and Information Science, Cornell University; Prof. Alon Itai, Computer Science, Technion, and Dr. Dmitry Epstein, Cornell eRulemaking Initiative, Cornell Law School
2011-2013	\$15,000	Council of Higher Education, Jerusalem, Israel	Alon Fellowships for Outstanding Young Researchers
2009	Total budget 155,500 Euro. Technion share 21,000 Euro	EU FP7 Researcher night	Israel Night of Science

15. PUBLICATIONS

Theses

Baram-Tsabari, A. (2008). "What do students want to know about science? Using students' questions to identify their scientific interests." Department of Science Teaching, Feinberg Graduate School of the Weizmann Institute of Science, Israel. Supervisor: Prof. Anat Yarden.

Refereed papers in professional journals

My students are underlined, and my *postdoctoral fellows* are marked in Italic

Published papers

1. **Baram-Tsabari, A.** and Yarden, A. (2005). Characterizing children's spontaneous interests in science and technology. *International Journal of Science Education*, 27(7), 803-826.
2. **Baram-Tsabari, A.** and Yarden, A. (2005). Text genre as a factor in the formation of scientific literacy. *Journal of Research in Science Teaching*, 42(4), 403-428.
3. **Baram-Tsabari, A.**, Sethi R. J., Bry L. and Yarden, A. (2006). Using questions sent to an Ask-A-Scientist site to identify children's interests in science, *Science Education*, 90(6), 1050-1072.
4. **Baram-Tsabari, A.** and Yarden, A. (2007) Interest in biology: A developmental shift characterized using self-generated questions. *The American Biology Teacher*, 69(9), 546-554.
5. **Baram-Tsabari, A.** and Yarden, A. (2008). Girls' biology, boys' physics: Evidence from free-choice science learning settings. *Research in Science Technological Education*, 26(1), 75-92.
6. **Baram-Tsabari, A.**, Sethi R. J., Bry L. and Yarden, A. (2009). Asking scientists: A decade of questions analyzed by age, gender, country and time. *Science Education*, 93(1), 131-160.
7. **Baram-Tsabari, A.** and Yarden, A. (2009). Identifying meta-clusters of students' interest in science and their change with age. *Journal of Research in Science Teaching*, 46(9), 999-1022.
8. **Baram-Tsabari, A.** and Kaadni, A. (2009). Gender dependency and cultural independency of science interest in an open distant science learning environment. *International Review of Research in Open and Distance Learning*, Regional Focus Issue: Bridge over Troubled Waters. 10(2).
9. **Baram-Tsabari, A.**, Sethi R. J., Bry L. and Yarden, A. (2010). Identifying students' interests in biology using a decade of self-generated questions. *Eurasia Journal of Mathematics, Science & Technology Education*. 6(1), 63-75.
10. Hagay, G. and **Baram-Tsabari, A.** (2011). A Shadow Curriculum: Incorporating students' interests into the formal biology curriculum. *Research in Science Education*. 41(5), 611-634.
11. **Baram-Tsabari, A.** and Yarden, A. (2011). Quantifying the gender gap in science interest. *International Journal of Science and Mathematics Education*. 9(3), p. 523.
12. **Baram-Tsabari, A.** and Segev E. (2011). Exploring new web-based tools to identify public interest in science. *Public Understanding of Science*. 20(1), 130-143.
13. Peleg, R and **Baram-Tsabari, A.** (2011). Atom surprise: Using theatre in primary science education. *Journal of Science Education and Technology*. 20(5), 508-524.

14. Laslo, E., **Baram-Tsabari**, A. and Lewenstein, B. V. (2011). A growth medium for the message: Online science journalism affordances for exploring public discourse of science and ethics. *Science Journalism in a Digital Age*, a special Issue of *Journalism: Theory, Practice and Criticism*. 12(7), 847-870.
15. Hagay, G. and **Baram-Tsabari**, A. (2012). Including students' voices as engagement with curriculum: Perspectives from a secondary biology course. *Canadian Journal of Science, Mathematics and Technology Education*. 12(2), 160-177.
16. Segev, E. and **Baram-Tsabari**, A. (2012) Seeking science information online: Data mining *Google* to better understand the roles of the media and the education system. *Public Understanding of Science*. 21(7), 813-829. Published online December 1, 2010.
17. Hagay, G., **Baram-Tsabari**, A. and Peleg, R. (2012). The co-authored curriculum: high school teachers' reasons for including students' extra-curricular interests in their teaching. *International Journal of Science and Mathematics Education*. 11(2), 407-431.
18. Hagay, G., **Baram-Tsabari**, A., Ametller, J., Cakmakci, G., Lopes, B., Moreira, A., and Pedrosa-de-Jesus, H. (2013). The Generalizability of students' interests in biology across gender, country and religion. *Research in Science Education*. 43(3), 895-919.
19. **Baram-Tsabari**, A. and Lewenstein, B. V. (2013). An instrument for assessing scientists' written skills in public communication of science. *Science Communication*. 35(1), 56-85.
20. Hagay, G., Peleg, R., Laslo, E. and **Baram-Tsabari**, A. (2013). Nature or Nurture? A lesson incorporating students' interests in a high-school biology class. *Journal of Biological Education*. 47(2), 117-122.
21. Sharon A.J., and **Baram-Tsabari**, A. (2014). Measuring mumbo-jumbo: A preliminary quantification of the use of jargon in science communication. *Public Understanding of Science*. 23(5), 528-546.
22. Swirski, H., and **Baram-Tsabari**, A. (2014). Bridging the gap between the science curriculum and students' questions: Comparing linear vs. hypermedia online learning environments. *Interdisciplinary Journal of e-Skills and Lifelong Learning*. 10, 153-175.
23. **Baram-Tsabari**, A. and Segev E. (2015). The half-life of a 'teachable moment': the case of Nobel laureates. *Public Understanding of Science*. 24(3), 326-337.
24. Hagay, G., and **Baram-Tsabari**, A. (2015). A strategy for incorporating students' interests into the high-school biology classroom. *Journal of Research in Science Teaching*. 52(7), 949-978. Selected for the US National Science Teachers Association's "Research Worth Reading" list.
25. Swirski, H., and **Baram-Tsabari**, A. (2015). "Will a black hole eventually swallow Earth"? Fifth graders' interest in questions from textbook, open network resource and other students' questions. *Interdisciplinary Journal of e-Skills and Life Long Learning*, 11, 313-327.
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28. Boas, H., and **Baram-Tsabari**, A. (2016). The puzzle of "The University on Air": A story on media and academia in Israel 1977-2013. *Israel Studies Review*. 31. DOI: 10.3167/isr.2016.310202

29. Orr, D., **Baram-Tsabari**, A., and Landsman, K. (2016). Debating the Polio vaccine on Facebook: The key role of social media in the public's decision to vaccinate. Special Issue of the *Israeli Journal of Health Policy Research*. 5(article number 34). DOI: 10.1186/s13584-016-0093-4
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32. Armon, R., and **Baram-Tsabari**, A. (2017). Our findings, my method: Framing science in televised interviews. *Public Understanding of Science*. 26(8), 986-1002.
33. Rakedzon, T., and **Baram-Tsabari**, A., (2017). Synergy or interference in learning to write scientific genres: Assessing and improving L2 students' popular science writing in an academic writing course. Special Issue on Using Assessment Tasks for Improving Second Language Writing. *Educational Psychology*. 37(1), 48-66.
34. Rakedzon, T., and **Baram-Tsabari**, A., (2017). To make a long story short: A rubric for assessing graduate students' academic and popular science writing skills. *Assessing Writing*. 32, 28-42.
35. **Baram-Tsabari**, A., and Lewenstein B. (2017). Science Communication Training: What are We Trying to Teach? *International Journal of Science Education: Part B*. 7(3), 285-300.
36. Rakedzon, R., Segev, E., Chapnik, N., Yosef, R. and **Baram-Tsabari**, A. (2017). Automatic jargon identifier for scientists engaging with the public and science communication educators. *PLOS ONE*. DOI: <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0181742>
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45. Riedlinger, M., Metcalfe, J., **Baram-Tsabari**, A., Entradas, M., Joubert, C.M., and Massarani, L. (2019) Telling stories in science communication: Case studies of scholar-practitioner collaboration. *JCOM* special issue on storytelling. 18(5). DOI: 10.22323/2.18050801
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50. Sharon, A. J., Yom-Tov, E., and **Baram-Tsabari**, A. (2020). Vaccine information seeking on social Q&A services. *Vaccine*, 38(12), 2691-2699.
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53. Golumbic, Y.N., Fishbain B., and **Baram-Tsabari**, A. (2020). Science literacy in action: Understanding scientific data presented in a citizen science platform by non-expert adults. *International Journal of Science Education Part B: Communication and Public Engagement*. (10)3, 232-247.
54. Sharon, A., and **Baram-Tsabari**, A. (2020). Can science literacy help individuals identify misinformation in everyday life? *Science Education*. 104:873–894.
55. Golumbic, Y.N., Fishbain B., and **Baram-Tsabari**, A. (2020). Engagement styles in an environmental citizen science project. *Journal of Science Communication*. 19(6): DOI: 10.22323/2.19060203
56. Taragin-Zeller, L., Rozenblum, Y, and **Baram-Tsabari**, A. (2020). Public engagement with Science among Religious Minorities: Lessons from COVID-19. *Science Communication*. 42(5):643-678.
57. Laslo, E. and **Baram-Tsabari**, A. (2021). Expressions of science literacy in online public discussions of animal experimentation. *International Journal of Science Education: Part B*. 11(1): 55-74.
58. Heyd-Metzuyan, E., Sharon, A. and **Baram-Tsabari**, A. (2021). Public understanding of the mathematical aspects of the COVID-19 pandemic and its relation to school mathematics education. *Educational Studies in Mathematics*. 108: 201–225

59. Zoubi, K., Sharon, A., Nitzany, E., and **Baram-Tsabari**, A. (2022). Science, Maddá and 'Ilm: Differences in the quality of scientific information available to Internet users in three languages. Submitted as a Research note to *Public Understanding of Science*. 31(1):2-18.
60. Dalyot, K., Rozenblum, Y. and **Baram-Tsabari**, A. (2022). Engagement Patterns with Female and Male Scientists on Facebook. *Public Understanding of Science*. 31(7): 867–884.
61. Taragin-Zeller, L., Rozenblum, Y, and **Baram-Tsabari**, A. (2022). “We think this way as a society!”: Community-level Science Literacy among ultra-Orthodox Jews. *Public Understanding of Science*. 31(8): 1012–1028.
62. Lewenstein, B., and **Baram-Tsabari**, A. (2022) How should we organize science communication trainings to achieve competencies? *International Journal of Science Education: Part B*. DOI: 10.1080/21548455.2022.2136985. Special Editor’s Introduction was added to highlight the paper.
63. Joubert, M., Guenther, L., Metcalfe, J., Riedlinger, M., Chakraborty, A., Gascoigne, T., Schiele, B., **Baram-Tsabari**, A., Malkov, D., Fattorini, E., Germana Barata, G., Riise, J., Schröder, J., Horst, M., Kaseje, M., Kirsten, M., Bauer. M.W., Bucchi, M., Flores, N., Wolfson, O., and Chen, T. (2023). ‘Pandem-icons’ – exploring the characteristics of highly visible scientists during the Covid-19 pandemic. *Journal of Science Communication*. 22(1): doi.org/10.22323/2.22010204
64. Atias, O., **Baram-Tsabari**, A., Kali, Y. et al. In pursuit of mutual benefits in school-based citizen science: who wins what in a win-win situation?. *Instructional Science* (2023). <https://doi.org/10.1007/s11251-022-09608-2>

accepted

65. Atias O., Kali Y., Shavit A., **Baram-Tsabari** A. (accepted with minor). Meaningful Participation of Schools in Scientific Research through Contributory Citizen Science Projects. *Science Education*.
66. Shauli S., and **Baram-Tsabari**, A. (accepted with minor). Developing and Validating a Contextualized Science Literacy Assessment for Adults: The Case of Parents of Hard of Hearing Children. *European Journal of Mathematics and Science Education*.

Submitted papers

1. Dalyot, K. & **Baram-Tsabari**, A. (submitted after revision) Justifications for decision making in a tl; dr society: The case of non-ionizing radiation from Wi-Fi routers in schools. *Education and Information Technologies*.
2. Berger, A., Golan, O. and **Baram-Tsabari**, A. (submitted) How do religious “ask the expert sites” shape online religious authorities? From Clerics to Online Influencers. *Information, Communication and Society*.
3. Taragin-Zeller, L., Golan, O., Tsfati, Y., Rozenblum, Y., Mishol-Shauli, N., and **Baram-Tsabari**, A. (submitted after revision). The Four “R”s: Strategies for Legitimizing Science for Religious Publics, and their Prices. *Science Communication*.
4. Lan, D., **Baram-Tsabari**, A., & Dalyot, S. (submitted). Geoscience education and the Covid-19 pandemic: The role of geographic literacy. *Journal of Geoscience Education*.
5. Rakedzon, T., Segev E. and **Baram-Tsabari** A. (submitted). Be aware – of audience: graduate students writing for lay and academic audiences. *English for Specific Purposes*.
6. **Baram-Tsabari**, A. and Rozenblum Y. (submitted). The (lack of) relevance of science education to science-informed behavior: the case of COVID-19. *Science Education*.

7. Zimmerman, Y., **Baram-Tsabari**, A. and Tal T. (submitted). Science Communication Objectives and Actual Practices of Science News Websites as a Showcase for Gaps between Theory and Practice. *Science Communication*.

Editorials

Baram-Tsabari, A., and Osborne, J. (2015). Bridging science education and science communication research. *Journal of Research in Science Teaching*. 52(2), 135-144.

Baram-Tsabari, A. (2022). John Durant: 'A critical moment when things came together'. *Public Understanding of Science*. 31(3), 346-350.

Peer reviewed journals in Hebrew

1. Armon, R, **Baram-Tsabari**, A. and Barel Ben-David, Y. (2017). Ribosomes as Current Affairs – The Science of London and Kirschenbaum (Hebrew). *Media Frames*. 16, 85-108.
2. Shauli, S. & **Baram-Tsabari** (2022). What does scientific knowledge have to do with advocacy for deaf and hard of hearing children? Perceptions of parents and experts. *Hamdat*, 14.
<https://bit.ly/3cY3XUZ>
3. Golumbic, Y.N., Peri, A., Ben-Zvi, D., Kovler, K., and **Baram-Tsabari**, A. (2023). Citizen science and public involvement in research combining science and society: the case of the Radon home survey. *Israeli Sociology*.

Submitted

Lan, D., **Baram-Tsabari**, and Dalyot, S. (submitted). Geographic Literacy as an Infrastructure for a Collective Language. *Horizons in Geography*.

Review papers

Peer reviewed journals in Hebrew

1. Golumbic, YN, **Baram-Tsabari**, A., and Fishbain B. (2015). Citizen science: Public participation in science. *Ecology and the Environment*, 6(1), 14-23.
2. Sharon, A. J. and **Baram-Tsabari**, A. (2018). A Matter of Trust: Parental Hesitancy towards Routine Childhood Vaccines (Hebrew). *Guf Yeda: Journal of Nursing Research*, 16.
3. Silver T., Silver Y. and **Baram-Tsabari**, A. (2021). Public participation in scientific research: A range of possibilities. *Ecology and the Environment*, 12(4).

Book editing

Learning In a Networked Society (LINKS). Editors: Kali, Y., **Baram-Tsabari**, A. and Schejter A. (2019) Springer Computer Supported Collaborative Learning (CSCL) series, edited by Christopher Hoadley. DOI: 10.1007/978-3-030-14610-8

Chapters in Books

1. **Baram-Tsabari, A.** (2010). Popular science and formal education. In S. H. Priest (Ed.), *Encyclopedia of Science and Technology Communication* (pp. 589-591). Thousand Oaks, CA: SAGE Publications.
2. **Baram-Tsabari, A.** (2010). Television science. In S. H. Priest (Ed.), *Encyclopedia of Science and Technology Communication* (pp. 879-883). Thousand Oaks, CA: SAGE Publications.
3. **Baram-Tsabari, A.** (2015). Web 2.0 Resources for Science Education. In R. Gunstone (Ed.), *Encyclopedia of Science Education*. Springer.
4. **Baram-Tsabari, A.** (2015). Promoting Information Seeking and Questioning in Science. In A. Renninger (Ed.), *Interest, the Self, and K-16 Mathematics and Science Learning* (pp. 135-152). AERA Handbook.
5. **Baram-Tsabari, A.** and Lewenstein B. (2016). Assessment. In M.C.A van der Sanden & M.J. de Vries (Eds.), *Science and Technology Education and Communication: Seeking Synergy* (pp. 161-184). Sense Publishers.
6. **Baram-Tsabari, A.,** Segev E. and Sharon, A. (2017). What's New? The Applications of Data Mining and Big Data in the Social Sciences. In N. Fielding, R. Lee, & G. Blank (Eds.) *Handbook of Online Research Methods, 2nd edition*, (Chapter 6, p.92), SAGE publishing.
7. **Baram-Tsabari, A.** and Lewenstein B. (2017). Preparing Science Communicators. In P. Patrick (Ed.) *Preparing Informal Science Educators: Perspectives from Science Communication and Education*, (Chapter 22, pp. 437-471), Springer.
8. Peleg, R., Østern, A. L., Strømme, A., and Baram-Tsabari, A. (2018). Drama as a Learning Medium in Science Education. In *Professional Development for Inquiry-Based Science Teaching and Learning* (pp. 65-83). Springer.
9. Swirski, H. and Baram-Tsabari, A. (2019). Maintaining Homeostasis while embracing novelty: Students' questions as agents of student's voice in the science classroom. In P. Katz & L. Avraamidou (Eds.) *Stability and Change in Science Education: Meeting basic learning needs; Homeostasis and Novelty in Teaching and Learning*. (pp. 183-200). Leiden, The Netherlands: Brill/Sense Publishers.
10. **Baram-Tsabari, A.** and Schejter, A. (2019). The Double-Edged Sword of New Media in Supporting Public Engagement with Science. In Kali, Y., Schejter, A. & Baram-Tsabari, A. (Eds.) *Learning in a Networked Society*. (pp.79-95). Springer.
11. Sagy, O., Golumbic, Y., Abramsky, H., Benichou, M., Atias, O., Manor, H., **Baram-Tsabari, A.**, Kali, Y. Ben-Zvi, D., Hod, Y., & Angel, D. (2019). Citizen Science: An Opportunity for Learning in the Networked Society. In Y. Kali, A. Schejter, & A. Baram-Tsabari (Eds.) *Learning in a Networked Society* (pp. 97-115). Springer.
12. Barel-Ben David, Y., and Baram-Tsabari, A. (2019) Evaluating Science Communication Training: Going Beyond Self-reports. in T. Newman (Ed.) *Theory and Best Practices in Science Communication Training* (Chapter 8, p. 122). New York, NY: Routledge.
13. **Baram-Tsabari, A.,** Orr, D., Baer, A., Garty, E., Golumbic, Y., Halevy, M., Krein, E., Levi, A., Leviatan, N., Lipman, N., Mir, R., and Nevo E. (2020). Israel: Developed Science, Developing Science Communication. In T. Gascoigne, B. Schiele, J. Leach, M. Riedlinger, B. V. Lewenstein, L. Massarani & P. Broks (Eds.) *Communicating Science: A Global Perspective*. (Chapter 19, pp. 455-468). ANU Press. DOI: 10.22459/CS.2020.

14. Barel-Ben David, Y., and **Baram-Tsabari**, A. (2021). Professional Development in Science Communication. In Hanganu-Bresch, C., Maci, S., Cutrufello, G. and Zerbe, M. (Eds.) *Routledge Handbook of Scientific Communication*. (Chapter 31, pp. 381-395). New York, NY: Routledge.
15. Dalyot, K., Rozenblum, Y., & **Baram-Tsabari**, A. (2022). Justification of Decision-Making in Response to COVID-19 Socio-Scientific Dilemmas. In S. Oswald, M. Lewinski, S. Greco & S. Villata (Eds). *The Pandemic of Argumentation*. (Chapter 13, pp.247-270). Springer's Argumentation Library series. <https://link.springer.com/book/10.1007/978-3-030-91017-4>
16. **Baram-Tsabari**, A. (2022). The relevancy of science education to public engagement with science. In Korfiatis, C. and Grace, M. (Eds.) *Current Research in Biology Education: Selected Papers from the ERIDOB Community* (Chapter 1, pp.3-18). Springer.

Book Reviews

Baram-Tsabari, A. (2020). "How We Teach Science" by John Rudolph. *Public Understanding of Science* (journal and blog).

Reports

1. Barel Y., **Baram-Tsabari** A., Peleg R., Armon R., and Rave A. (2015). Towards evidence-based policy in Israeli science communication: science coverage in Hebrew print, broadcast and online media, 2013-2014. Samuel Neaman Institute, Technion (In Hebrew).
2. Academia.IL Collective Impact COVID-19. (August 2020). Mobilizing the public in the face of COVID-19 pandemic. Knowledge in Service of Society. (In Hebrew).
3. Swirski, H. Hareuveni, R. Academic advisor: **Baram-Tsabari**, A. (2021). Risk perception and risk communication in radiological events. (In Hebrew).
4. Dabran, S. and **Baram-Tsabari** A. (in preparation, to be published early 2023). The "post-truth" phenomena: Definitions, implications and educational solutions. Samuel Neaman Institute, Technion (In Hebrew).

Other Publications

Media (selected publications)

1. **Baram-Tsabari**, A. (2009). Darwin's Birthday on Lomdim Beyahad (study together). Presenting a one-hour TV show on the national Channel 2. [Link](#).
2. **Baram-Tsabari**, A. (2009). Mazal tov Albert! remember us? *Ynet* news website. A public letter to Albert Einstein on the national science day. [Link](#).
3. **Baram-Tsabari**, A. (2009). Science in the Israeli media. *Scientific American - Israel*, September, 16-17.
4. **Baram-Tsabari**, A. (2009). Telenobel. *Zmanim Moderniyim* (modern times, Yedioth Aharonot Lifestyle supplement), pp. 6-7. An article discussing the life and achievement of Rosalind Franklin.
5. **Baram-Tsabari**, A. (2011) The Scientist as a Celebrity: An Interview with Prof. Bruce Lewenstein. *Odyssey magazine*, vol.12

6. **Baram-Tsabari, A.** (2015). The Naked Scientist. Presenting two 23-minute-long radio programs recorded before a live audience, March 22. University on Air, *Galey Zahal*.
7. **Baram-Tsabari, A.** (2018). Evidence-Based Radicals. An interview for the *Wholesome Show* podcast.
8. Sharon M. and **Baram-Tsabari, A.** (2018-2019). Editing the "[Private Investigators](#)" Weekly column on *Ynet*.
9. **Baram-Tsabari, A.** (2018). Private Investigators: I Would Like Everybody to Know. *Ynet* education channel. [Link](#).
10. **Baram-Tsabari, A.** (2019). Making science accessible. An interview for the Talking Science podcast, produced by non-profit organization *Little Big Science*. [Link](#).
11. **Baram-Tsabari, A.** (2020). Real Corona and Fake news. Online talk on "Science in Slippers – COVID-19 series" produced by non-profit organization *Little Big Science* in collaboration with *Galey Zahal* and the Israel Young Academy. [Link](#).
12. **Baram-Tsabari, A.** (2020). Epidemics at the fake news era. Adraba podcast – Open University of Israel and Army Radio (*Galey Zahal*). [Link](#).
13. **Baram-Tsabari, A.** (2020). An interview with Tali Lipkin Shahak on Personal meeting in the days of COVID-19, Army Radio (*Galey Zahal*).
14. **Baram-Tsabari, A.** (2020). Hama'abada (The Lab) with Gil Markovitz. 5 episodes on Kan public radio series. [Link](#)
15. **Baram-Tsabari, A.** (2021). Exploring Science Literacy and Public Engagement with Science. An interview for the podcast NEW BOOKS NETWORK. [Link](#).
16. **Baram-Tsabari, A.** (2021). The pandemic has put a magnifying glass on misinformation. An interview for the Heinrich Boell Foundation, the Israel Public Policy Institute (IPPI). [Link](#).

Teacher Education Journals

1. [Peleg, R.](#) and **Baram-Tsabari, A.** (2009) Drama under the Microscope: Theatre in Science Education. *Mutav Now - National Science for All (Mutav) Teachers' Magazine*, Vol. 4: 29-34.
2. [Hagay, G.](#) and **Baram-Tsabari, A.** (2009) The importance of motivation in science education. *Mutav Now - National Science for All (Mutav) Teachers' Magazine*, Vol. 4: 35-40.
3. [Laslo E.](#) and **Baram-Tsabari, A.** (2011) Scientific Literacy and current affairs: The connection between the curriculum and informed citizenship. *Mutav Now - National Science for All (Mutav) Teachers' Magazine*, Vol. 7: 9-16.
4. [Hagay, G.](#) and **Baram-Tsabari, A.** (2012) Listening to the student's voice: incorporating students' questions into the curriculum as a resource for enhancing interest in biology lessons. *Biology Teachers Journal*, Vol. 185.
5. [Kalir-Meyrav, M.](#) and **Baram-Tsabari, A.** (2013) Formative assessment of students' learning in a science communication course. *Teaching in Academy*. Vol. 3, p. 26-30.
6. [Hagay, G.](#) and **Baram-Tsabari, A.** (2013). Co-authoring the syllabus: planned incorporation of students' questions in mainstream teaching as a strategy for preserving and developing motivation. *Kriat Benaim – the national magazine for science and technology teachers in junior high school*.

7. Laslo E. and **Baram-Tsabari**, A. (2017). On science, ethics and...reader comments. Shmorat Teva: Biology and environment Teachers Journal 194: 29-39.
8. **Baram-Tsabari**, A. and TCCS center (2018). Taking citizen science to junior high school. Kriat Benaim – the national magazine for science and technology teachers in junior high school. Volume 31, p. 19.
9. An interview with **Baram-Tsabari**, A. by Brill, G. (2022). The public will recognize trustworthiness based on what we teach. Shmorat Teva: Biology and environment Teachers Journal 201: 3-8. [Link](#).

16. CONFERENCES AND PRESENTATIONS

Plenary and Invited talks - International

- 2013 Invited expert speaker for the American National Academies Committee on Communicating Chemistry in Informal Environments. "What is known about public interaction with web-based science communication resources?", Washington, DC (online one-hour lecture and discussion, August 5th, 2013)
- 2016 Keynote speaker at the 'International Conference on Bridging Education Communication Research', co-hosted National Taiwan Science Education Center (NTSEC) and Science Education Center, National Taiwan Normal University (NTNUSEC) Taipei, Taiwan, December 2-3, 2016.
- 2017 Invited speaker in The Nobel Prizes and the Public Image of Science, A Symposium at the Royal Swedish Academy of Sciences, May 11-12, 2017
- 2018 Keynote speaker STEAM conference, July 14, 2018. University of Malta.
- 2018 Keynote speaker GDCP conference, Kiel University, Germany, Sept. 16-20, 2018.
- 2018 Invited speaker, the 12th Forum on the Internationalization of Sciences and Humanities, hosted by the Humboldt Foundation's International Advisory Board, Berlin, Germany, Nov. 11-12, 2018.
- 2018 Invited speaker, the Inaugural Asia-Pacific Science Communication Conference 2018 in conjunction with the 10th-year-anniversary celebration of the ANU-NUS Joint Masters of Science in Science Communication Programme, Singapore, Nov. 19-21, 2018.
- 2020 ***Plenary speaker, The international conference of European Researchers in Didactics of Biology, 31/08- 04/09 2020, Nicosia, Cyprus (ucy.ac.cy/eridob2020). Canceled due to the COVID-19 crisis.
- 2022 Plenary, IAMCR (International Association for Media and Communication Research) Suzhou University pre-conference, online.
- 2023 Invited speaker, the London PUS seminar series, online.
- 2023 Invited speaker, the Vienna Public Seminar on Science Communication series, online.
- 2023 Plenary speaker at the 15th Conference of the European Science Education Research Association (ESERA 2023), Cappadocia, Turkey, in person.
- 2023 Keynote Speaker at the 16th International Conference on Educational Data Mining (EDM 2023), Bengaluru, India, in person.

Plenary and Invited talks – National

Academic

- 2013 Invited speaker at the Israel Internet Association (ISOC-IL) academic track
- 2014 Invited speaker on one day workshop "Social Aspects of Teaching and Research at the Technion."

- 2015 Invited speaker at the professional conference “INFO 2015, The 30 Annual Conference & Exhibition”
- 2015 Invited talk with Dr. Orr at the Edmond J. Safra Center for Ethics at Tel Aviv University at the conference “The Polio Campaign of Summer 2013 in Israel – Critical Assessments”
- 2015 Invited speaker at the “Communication and Environment” conference, school of sustainability and school of communication, IDC, Herzliya
- 2016 Invited speaker at the annual conference of the Environment and Health Fund
- 2019 Invited speaker at the Department of Science Teaching's special Jubilee Conference, Weizmann Institute of Science
- 2019 Invited speaker at the Medical Education conference, Technion
- 2019 Invited speaker at the "Promoting Communication through Active Teaching and Learning in Multi-Linguistic and Multi-Cultural Classrooms" conference, Technion
- 2019 Invited speaker at the Crowd Sourcing and Citizen Science conference, Haifa University
- 2020 Invited speaker at a conference on the scientific basis for preparing for COVID-19 and other epidemics - The place of public health schools and academia, Haifa University (March, in person)
- 2022 Invited talk at “Prof. Aharon Katzir: Science and leadership”, The Israeli Academy of Science and Humanities, Jerusalem (June, in person)
- 2022 Plenary speaker at the Connecting Practice and Research in Education, Ben Gurion University (October, in person)

Panelist - International

- 2013 Invited expert panelist in an American National Academies online panel “Key concepts in science communication: background for the Sackler Colloquium”(July 30th, 2013) <http://storify.com/tomfiatlux/key-concepts-in-science-communication>
- 2018 Invited plenary panelist: What Kinds of Stories about Science should We Tell? PCST conference, Dunedin, New Zealand, April 3-6, 2018.
- 2020 Invited panelist on the NARST Presidential Symposium: Citizen Science— an International and Integrative Look at a Scientific and Educational Method (Canceled due to the COVID-19 crisis)
- 2020 COVID-19 and the Post-Truth Era: the role of facts in public policy International online conference, Institute for National Security Studies in Tel Aviv (online, May)
- 2021 The Aspen Global Congress on Scientific Thinking and Action in Rome, March 17-20, 2021, organized by the Aspen Institute Science & Society Program (New York, USA) and the Instituto Questão de Ciência (Question of Science Institute) (São Paulo, Brazil), in collaboration with the Aspen Institute Italia (Rome, Italy). (Online, March)

- 2021 The Field of Science Communication Research, the Institute for Science & Innovation Communication (INSCICO), Germany (Online, January)
- 2021 Evaluation in Science Communication, Impact Unit team - Wirkung und Evaluation in der Wissenschaftskommunikation, Germany (Online, January)
- 2021 Invited plenary panelist, PCST conference, 2021

Panelist - National

- 2013 Invited participant in the Tenth Anglo-Israel Colloquium, on "Ethics and Responsibility in an Inter-Connected World" at Mishkenot Sha'ananim, Jerusalem
- 2013 Facilitation of the session "Silence of the Scientists" in the Annual Conference for Science and Environment, The Israel Society of Ecology and Environmental Sciences
- 2016 Science Communication panel on the 1st conference of "*Mada Gadol Baktana*" (Little-Big Science) Facebook page, Haifa
- 2016 Women in Science and Technology panel for high school students, Kadima
- 2017 Science communication in Israeli Education system, at the "Science, Freedom, Rational" conference, Tel Aviv.
- 2022 Panel moderator, "The public: evolution, science communications and culture", at the Science Education in Diverse Cultural and Religious Contexts conference, Technion
- 2022 Panel moderator, "Science Communication". The Israeli Young academy: Decade of Activity, Jerusalem

Workshops - International

- 2017 Rockefeller Foundation small PCST conference by invitation only, Bellagio, Italy, Nov. 7-9, 2017
- 2018 Fake news and beyond. International workshop and conference by invitation, Tel Aviv University, May 14-15, 2018.
- 2018 Science Centers Global Workshop - Towards 2030 and Beyond, Nov 25-30, 2018, Israel
- 2019 EARLI SiGs 20 & 26 workshop on "What is successful online information behavior? Investigating contributions of research on argumentation, computer supported collaborative learning, and scientific literacy." by invitation. Berlin, 21-22 June
- 2022 Bat-Sheva de Rothschild workshop on rethinking the path from evidence to decision-making: exploring innovative approaches for the future of health policy. EIP workshop in Israel
- 2022 Restructuring Middle School Science around Grand Challenges, by invitation. Contribution: Citizen science's potential to radically transform School Science (Germany, in person).
- 2022 "Learning from Experience: National Approaches to Science Communication in the Covid and post-Covid Era". The Rockefeller Foundation Bellagio Center. By invitation. (Italy, in person)

Workshops - national

2022 Forum for Interdisciplinary Studies (Pumbi). By invitation. (Ein Gedi, in person).

Non-academic invited talks

Teachers and students' conferences, teacher professional development

2012 Invited plenary speaker at the National Conference of Science and Technology Middle School Teachers conference

2014 Invited speaker at the forum of the Heads of the Israeli Teachers Centers for Scientific and Technological Education

2015 Invited speaker at a Cross-disciplinary Symposium of the National Technology Teachers' Center

2016 Invited speaker at a key event of a professional development for high rank teachers at the Technion

2019 Invited speaker at the Matan'el Seminar series for the heads of preparatory courses "The Zeitgeist"

2019 Plenary speaker at the "Biology Teachers' Communities conference", Weizmann Institute of Science

2019 Invited speaker at the "Physics Teachers' Communities conference", Weizmann Institute of Science

2019 Invited speaker in an online professional development for biology teachers about citizen science in science education

2020 Invited talk at the Dialogus center for excellence in research on meaningful learning, a mini-conference for junior high school students (170 participants, May, online)

2020 Invited lesson for the national broadcast system, Israel Ministry of Education (May, live national broadcast)

2021 Invited talk by the Technion International school, recorded at the Technion's studio.

2022 Invited talk by the Levinsky College of Education, recorded at their studio.

2022 Invited talk for the ORT future ready fellows, ORT Israel Science and Technology Educational Network of schools and colleges (December, in person)

2023 Invited talk about science literacy and climate change for leaders in science education, Ministry of Education (January, online)

Science communication policy and training for scientists and journalists, public engagement events

2014 Invited speaker at the TEDx Weizmann Institute

2014 Invited speaker at The Israel Young Academy forum on scientists' involvement in formal science education (the "Sal Mada" initiative)

- 2014 Invited speaker at a science communication professional development day for Ministry of Science, Technology and Space management
- 2015 Invited speaker on the topic of science communication in the Geological Survey of Israel seminar, Ministry of National Infrastructures
- 2015 Invited speaker on the topic of science communication in the Soreq Nuclear Research Center seminar, Israel Atomic energy Commission
- 2015 Invited speaker at Zavit environmental news agency training for science writers, The Israeli Association for Ecological and Environmental Research
- 2016 A speaker at a Think@Drink public talk "Science, Media and Us"
- 2016 Invited speaker at the "Connecting People to Science" science communication conference, Davidson Institute of Science Education, Weizmann Institute of Science
- 2019 Invited speaker at the Azrieli Foundation leadership workshop, Tel Aviv University
- 2019 Invited talk at a science communication training workshop for climate scientists, The Israel Society of Ecology and Environmental Sciences
- 2020 Invited talk at a young environmental reporters training, The Israel Society of Ecology and Environmental Sciences (April, online)
- 2020 Invited talk at Mimshak Environmental Science and Policy Fellowship training program, The Israel Society of Ecology and Environmental Sciences (May, online)
- 2020 Invited talk at MA'AVARIM soft skills lecture series for national doctoral network (May, online)
- 2020 [Promoting your research on traditional and new media](#), an online panel for postdocs in a series by the Young Israeli Academy and Fulbright Israel (September, online)
- 2021 Invited to lead a discussion room on science communication at the joint event of all Israeli Universities for the international women's day (March, online)
- 2022 Invited talk at the Wiser initiative for female Israeli postdocs abroad (April, online)
- 2022 Invited talk at Tel Aviv University "Shared Offices" initiative (September, in person)
- 2022 Invited talk for the IDF radio station training course (April and September, in person)
- 2022 Panelist at "The Impact of social media on Scientific Discovery", Zuckerman symposium for Zuckerman fellows (November, in person)
- 2023 Invites talk for ScienceAbroad.org (January, online)
- 2023 Invited talk for The Steinhardt Museum of Natural History educational staff and scientists, Tel Aviv University (January, in person)

Workshops

- 2009 Organizer of a one- day national workshop on the topic of inquiry- based science teaching in Israeli teacher professional development as part of the European S-TEAM project.
- 2011 Organizer of a practical science communication workshop for Technion faculty.
- 2012 Academic advisor and organizer of a science communication workshop for Mimshak – the Environmental Science-to-Policy Fellowships Program; the Israel Society of Ecology & Environmental Sciences.
- 2013 Facilitate a workshop on science communication and provide mentorship in a Stanford-UTS-Technion joint summer course in biomedical innovation & entrepreneurship.
- 2013 Facilitation of the Euro-Med Young Reporters on the Environment science communication workshop on behalf of the National Science Museum.
- 2013 Facilitation of the BIRAX Regenerative Medicine Initiative Grant Recipients Workshop on behalf of the British Council in Israel.
- 2015 Organizer of a practical science communication workshop for Technion graduate students.
- 2016 Invited talk and media training workshop at the International Space University 2016 at the Technion
- 2017 Facilitator of a media training workshop sponsored by the Marie Curie Alumni Association's Israel chapter, and another for Cornell Tech students
- 2018 Facilitator of a national science communication training workshop for excellent PhD students sponsored by the Israel Young Academy
- 2018 Facilitator of science communication training workshops for Technion research groups and also for Tel Aviv University Management faculty and students
- 2019 Facilitator of a national science communication training workshop for excellent PhD students sponsored by the Israel Young Academy
- 2020 Co-initiator and co-organizer of a two-week bootcamp: Data science for social scientists and the digital humanities (in collaboration with Prof. Orit Hazzan and PhD student Kobi Mike)

Contributed Talks

Papers Presented in International Scientific Conferences (peer reviewed)

50 presentations in international conferences between 2004-2015.

The presenter is underlined

51. **Kahle, K., Sharon, A.J., **Baram-Tsabari**, A. & Biron, L. (2016, April). *Footprints of fascination: Digital traces of public engagement with particle physics on social media* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Istanbul, Turkey.

52. Orr, D. & **Baram-Tsabari, A.** (2016, April). *Knowledge deficit or public engagement? Conceptualizing Polio vaccination debates on Facebook* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Istanbul, Turkey. [Video presentation]
53. Barel-Ben David, Y. & **Baram-Tsabari, A.** (2016, April). *Consolidated vs. fragile science communication culture: a comparison of science coverage of the BBC and Israeli media* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Istanbul, Turkey. [Video presentation]
54. Asakly, D., Orr, D., & Baram-Tsabari, A. (2016, April). *Characteristics of an authentic scientific discourse in social networks: The case of drinking water fluoridation* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Istanbul, Turkey. [Video presentation]
55. **Baram-Tsabari, A.** & Lewenstein, B. (2016, April). *What are we trying to teach? A conceptually based approach to science communication training* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Istanbul, Turkey. [Video presentation]
56. Shauli, S. & **Baram-Tsabari, A.** (2016, April). *Interactions between science knowledge and for better advocacy skills among parents of hearing- impaired children* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Istanbul, Turkey. [Video presentation]
57. Reiss, N. **Baram-Tsabari, A.**, & Peters, H.P. (2016, April). *Scientists' attitudes in consolidated and fragile science communication cultures* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Istanbul, Turkey. [Video presentation]
58. Rodder, S., Lewenstein, B., Golumbic, Y.N., **Baram-Tsabari, A.** & Haines-Stiles, G. (2016, April). *Citizen Science in a Global Perspective* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Istanbul, Turkey. [Video presentation]
59. Golumbic, Y.N., **Baram-Tsabari, A.** & Fishbain, B. (2016, May). *Empowering citizens by applying a user-centered design for constructing a citizen science presentation platform* [Paper presentation]. European Citizen Science Association (ECSA) conference. Berlin, Germany.
60. Rakedzon, T. & **Baram-Tsabari, A.** (2016, June). *Writing in STEM in and outside academia* [Paper presentation]. International Conference on Academic Writing (IFAW), Tel Aviv, Israel.
61. Golumbic, Y.N., **Baram-Tsabari, A.**, & Fishbain, B. (2016, July). *Increased knowledge and scientific thinking following participation of school students in air-quality research* [Paper presentation]. Indoor Air Quality and Climate conference (ISIAQ), Ghent, Belgium. [Presented at absentia by a colleague from the EU project. Proceedings: <https://www.isiaq.org/docs/Papers/Paper832.pdf>]
62. Rakedzon, R., Segev, E., **Baram-Tsabari, A.**, Chapnik, N., & Yosef, R. (2017, March). *Different audiences, different writing: Improving genre in popular science and academic writing among graduate STEM students* [Paper presentation]. Meta-discourse Across Genres (MAG 2017), Kalkanlı, Northern Cyprus.
63. Sagy, O., **Baram-Tsabari, A.**, Ben-Zvi, D., Kali, Y., Ballard, H., L, ... & Zimmerman, T., D., (2017, April) *The ecology of citizen science: An opportunity for learning* [Structured poster session]. American Educational Research Association (AERA) 2017 Annual Meeting, San Antonio, TX, United States.

64. **Baram-Tsabari**, A. & Lewenstein, B. (2017, April). *Science Communication Training for Graduate Students: Building a Framework to Classify Learning Outcomes* [Roundtable]. American Educational Research Association (AERA) 2017 Annual Meeting, San Antonio, TX, United States.
65. **Baram-Tsabari**, A. & **Shauli**, S. (2017, April). *Knowledge to Action: Interactions between science knowledge and advocacy skills among parents of hearing-impaired children* [Roundtable]. American Educational Research Association (AERA) 2017 Annual Meeting, San Anronio, TX, United States.
66. **Baram-Tsabari**, A., Rakedzon, R., Segev, E., Chapnik, N., & Yosef, R. (2017, April). *Automatic jargon identifier for scientists engaging with the public and for science communication educators* [Paper presentation]. NARST 2017 Annual Meeting. San Antonio, TX, United States.
67. **Baram-Tsabari**, A., Swirski, H. & Yarden, A. (2017, April). *Does interest have an expiration date? Stability of students' questions as resource for context-based learning* [Paper presentation]. NARST 2017 Annual International Conference. San Antonio, TX, United States.
68. **Baram-Tsabari**, A., Lewenstein, B., **Lohwater**, T., **Dudo**, A., & **Storksdieck**, M. (2017, April). *Science communication education for STEM professionals: Teaching scientists to communicate with non-expert audiences* [Symposium]. NARST 2017 Annual International Conference. San Antonio, TX, United States.
69. **Sharon**, A. J., & **Baram-Tsabari**, A. (2017, August). *Drawing water from wells: Science literacy, epistemic trust and open-mindedness* [Paper presentation]. European Science Education Research Association Conference (ESERA), Dublin, Ireland.
70. **Baram-Tsabari**, A., **Shauli**, S., **Murphy**, P., **Cakmakci**, G., **Ginosar**, A. & **Tal**, T. (2017). *Bridging Science Education and Science Communication: Research, Practice and Collaboration* [Symposium]. European Science Education Research Association Conference (ESERA) Conference, Dublin, Ireland.
71. Swirski, H. & **Baram-Tsabari**, A. (2017, August). *Why can't I fly? FAQ reveal common interests in science across gender* [Poster presentation]. European Science Education Research Association (ESERA) Conference, Dublin, Ireland. [Presented by Aviv J. **Sharon**]
72. Swirski, H. & **Baram-Tsabari**, A. (2017, August). *Science questions for all* [Paper presentation]. European Science Education Research Association (ESERA) Conference, Dublin, Ireland.
73. **Baram-Tsabari**, A., **Davis**, L.S. **Lewenstein** B.V. & **Bucchi**, M. (2018, April). *What's new about public engagement with science on new media?* [Grouped paper]. Public Communication of Science and Technology (PCST) conference, Dunedin, New Zealand, (April 3-6).
74. **Newman**, T., **Barel-Ben David**, Y., **Herbulock**, D., **Besley** J.C. & **Baram-Tsabari**, A. (2018, April). *Is science communication training effective? Integrating research into practice.* [Grouped paper]. Public Communication of Science and Technology (PCST) conference, Dunedin, New Zealand.
75. **Barel-Ben David**, Y., **Baram-Tsabari** A. & **Garty**, E. (2018, April). *Are science stories inherently boring? A comparison of public engagement with science and general items on two popular news sites* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Dunedin, New Zealand.
76. **Baram-Tsabari**, A., **Golumbic**, Y.N., & **Fishbain**, B. (2018, April). *What do you want to explore? Introducing personal research into a citizen science project* [Paper presentation]. Public Communication of Science and Technology (PCST) conference, Dunedin, New Zealand.

77. Rakedzon, T., Segev, E., **Baram-Tsabari**, A., Chapnik, N., & Yosef, R. (2018, April). *Communicating technical texts to non-experts: An automatic tool for assessing vocabulary and identifying technical jargon* [Paper presentation]. International AESLA Conference, Cadiz, Spain.
78. Sharon, A.J., & **Baram-Tsabari**, A. (2018, June). *Experts' goals and constraints when discussing vaccines with laypeople on a Facebook group* [Paper presentation]. International Conference of the Learning Sciences (ICLS), London, England, United Kingdom.
79. Atias, O., Benichou, M., Levin- Peled, R., Sagy, O., **Baram-Tsabari**, A. & Kali, Y. (2018, October). *Citizen Science in Schools: Building Mutually-Beneficial Partnerships Between Schools and Scientists*. Presented as an individual paper at the EARLI SIG 20 and 26 Conference, Jerusalem, Israel.
80. Barel-Ben David, Y., Dalyot, K., Golombic, Y. N., & **Baram-Tsabari**, A. (2019, March) *Measuring Scientific Reasoning with Day-To-Day Scenarios* [Paper presentation]. NARST 2019 Annual International Conference, Baltimore, MD, United States.
81. Sharon, A. J., & **Baram-Tsabari**, A. (2019, March). *Can science literacy help individuals identify misinformation in everyday life?* [Paper presentation]. NARST 2019 Annual International Conference, Baltimore, MD, United States.
82. Sharon, A. J., & **Baram-Tsabari**, A. (2019, March). *Understanding community-level science literacy: The case of experts' outreach on Facebook groups* [Interactive poster]. NARST 2019 Annual International Conference, Baltimore, MD, USA.
83. Dalyot, K. Golombic, Y. N., Ballard, H., **Baram-Tsabari**, A., Bowser, A., Cooper, C., Lewenstein, B., Tal, T. & Wals, A. (2019). *Citizen Science in STEM Education: Linking society, Scientists and Education Systems* [Symposium]. NARST Annual International Conference, Baltimore, MD, United States.
84. Golombic, Y.N., Peri, A., Ben-Zvi, D. & **Baram-Tsabari**, A. (2019, December). *Enhancing learning and environmental stewardship through citizen science: The case of the Radon home survey* [Paper presentation]. Australian Association for Research in Education (AARE) Conference, Brisbane, Australia.
85. Dalyot, K. & **Baram-Tsabari**, A., (2019, August). *Adult science literacy in action: Engaging with a real-life socio-scientific issues* [Paper presentation]. European Science Education Research Association Conference (ESERA), Bologna, Italy.
86. Dalyot K. & **Baram-Tsabari**, A. (2020, March). *"I have a gut feeling about this": Adult engagement with SSI in daily life* [Paper presentation]. 93rd NARST Annual International Conference, Portland, OR, United States. [Canceled due to the COVID-19 crisis]
87. Sharon A., & **Baram-Tsabari**, A. (2020, March). *Can Laypeople Identify and Judge Scientific Expertise in the Context of Vaccines?* [Paper presentation]. 93rd NARST Annual International Conference, Portland, OR, United States. [Canceled due to the COVID-19 crisis]
88. Dalyot, K., Rozenblum, Y., Lachman, E. & **Baram-Tsabari**, A. (2021, April). *Gendered engagement with posts authored by female scientists on Facebook* [online paper presentation]. 94th NARST Annual International Conference.
89. Golombic, Y.N., Fishbain B., & **Baram-Tsabari**, A. (2021, May). *Characterizing engagement in an environmental citizen science project* [online paper presentation]. Public Communication of Science & Technology (PCST) conference. Aberdeen, Scotland, United Kingdom.

90. Rozenblum, Y., Dalyot, K., Lachman, E. & **Baram-Tsabari, A.** (2021, May). *Evidence for gendered engagement with posts authored by women scientists in social media* [online paper presentation]. Public Communication of Science & Technology (PCST) conference. Aberdeen, Scotland, United Kingdom.
91. Sharon, A. J., & **Baram-Tsabari, A.** (2021, May). *Experts' bounded engagement with publics: An interview-based study of online nutrition and vaccination outreach* [online paper presentation]. Public Communication of Science and Technology (PCST) 2020+1 Conference, Aberdeen, Scotland, United Kingdom.
92. Sharon, A. J., Yom-Tov, E., & **Baram-Tsabari, A.** (2021, May). *How do individuals evaluate the trustworthiness of vaccine information on social Q&A platforms?* [online paper presentation]. Public Communication of Science and Technology (PCST) 2020+1 Conference, Aberdeen, Scotland, United Kingdom.
93. Taragin-Zeller, L., Rozenblum, Y., & **Baram-Tsabari, A.** (2021, May). *Public engagement with science among religious minorities: Lessons from COVID-19* [online paper presentation]. Public Communication of Science and Technology (PCST) 2020+1 Conference, Aberdeen, Scotland, United Kingdom.
94. **Baram-Tsabari, A.**, Bronshtein, J., Rozenblum, Y., Barel-Ben David, Y., & Swirski, H. (2021, May). *Sports fans' science knowledge is relevant to their stance on COVID-19 guidelines, but only if they don't care who wins* [online paper presentation]. Public Communication of Science and Technology (PCST) 2020+1 Conference, Aberdeen, Scotland, United Kingdom.
95. **Baram-Tsabari, A.**, Sharon, A., & Heyd-Metzuyanin, E. (2021, May). *Public understanding of the mathematical aspects of the COVID-19 pandemic* [online paper presentation]. Public Communication of Science and Technology (PCST) 2020+1 Conference, Aberdeen, Scotland, United Kingdom.
96. Sharon, A., Zoubi, K., Nitzany, E., and **Baram-Tsabari, A.** (August 2021). *Science, Maddá and 'Ilm: The Language Divide in Scientific Information Available to Internet Users* [online paper presentation]. EARLI, Belgium.
97. Rozenblum, Y., Dalyot, K., Bronshtein, J., Barel-Ben David, Y. & Baram-Tsabari, A. (August 2021). *Does scientific knowledge help identify COVID-19 related misinformation?"* [online paper presentation]. ESERA online conference, Braga, Portugal.
98. Dalyot, K., Rozenblum, Y. & **Baram-Tsabari, A.** (August 2021). *Engaging with SSIs in times of crisis: Argumentation skills in the covid-19 era.* [online paper presentation]. ESERA online conference, Braga, Portugal.
99. Badihi, T., Dalyot K., & **Baram-Tsabari, A.** (August 2021). *The relevance of criteria for identifying fake news in social media: What COVID-19 infodemia reveals.* Paper presented as part of the symposium: Social media and science education: Opportunities and challenges for science|environment|health issues. ESERA online conference, Braga, Portugal.
100. Atias, O., **Baram-Tsabari, A.**, Kali, K., and Shavit, A. (March 2022). *Motivations of Scientists and Teachers to Collaborate in School-Based Citizen Science Projects.* [online paper presentation]. 95th NARST Annual International Conference.
101. Baram-Tsabari, A., Taragin-Zeller, L., and Rozenblum, Y. (March 2022). *"We think this way as a society!": Community-level Science Literacy among ultra-Orthodox Jews.* [Paper presentation]. 95th NARST Annual International Conference.

102. Greussing, E., Taddicken, M., and **Baram-Tsabari**, A. (March 2022). "Changing Epistemic Roles through Communicative AI". [Paper presentation]. ICA 2022 Pre-conference: The Science of Science Communication.
103. Rozenblum., Y and **Baram-Tsabari**, A. (July 2022). Does science literacy support informed decisions regarding Covid-19? [online paper presentation]. IAMCR Beijing Pre-conference- Communicating science for a better post-COVID world, Suzhou, China. Best Conference Paper Award.
104. Dabran, S., **Baram-Tsabari**, A., Grinberg, N., Shapira, R., Yitshaki, M. & Dvorzhitskaia, D. (October 2022). "Is COVID-19 a Hoax?": Auditing the Veracity, Quality, and Accessibility of Google Search Results for COVID-19 Conspiracies in Four Languages [online paper presentation]. European Communication Research and Education Association (ECREA) online pre-conference: Science and Environment Communication Section.
105. **Baram-Tsabari**, A., Barel Ben-David, Y. and Lewenstein, B. (2023, April). A freely available resource for our community: science communication MOOC on edX [mini workshop]. Public Communication of Science and Technology (PCST) 2023 International Conference, Rotterdam, the Netherlands.
106. Besley, J., Lewenstein, B., Chase, J., and **Baram-Tsabari**, A (2023, April). Starting the communication with audience interests or with scientists' strategic goals? [a roundtable discussion]. Public Communication of Science and Technology (PCST) 2023 International Conference, Rotterdam, the Netherlands.
107. Riedlinger, M., Guenther, L., Osman, K., Joubert, M., Metcalfe, J., and **Baram-Tsabari**, A (2023, April). Scientists writing news: Emergent science news websites as boundary spanners [Roundtable discussion]. Public Communication of Science and Technology (PCST) 2023 International Conference, Rotterdam, the Netherlands.
108. Rozenblum, Y., Dalyot, K. & **Baram-Tsabari**, A (2023, April). The reasoning in 'motivated reasoning: The role of scientific knowledge and personal interest in science-related [paper presentation]. Public Communication of Science and Technology (PCST) 2023 International Conference, Rotterdam, the Netherlands.
109. Rozenblum, Y., **Baram-Tsabari**, A., Segev, E. & Yosef, R. (2023, April). A teachable moment: The dynamics of new vocabulary use in media and reader comments during the COVID-19 pandemic [paper presentation]. Public Communication of Science and Technology (PCST) 2023 International Conference, Rotterdam, the Netherlands.
110. Dabran, S., and **Baram-Tsabari**, A., Shapira, R., Kanaan, N., Dvorzhitskaia, D., Yitshaki, M. and Grinberg, N. (2023, April). The disparity in access to reliable online information regarding COVID-19 conspiracies across four languages. [online paper presentation] Public Communication of Science & Technology (PCST) conference. Rotterdam, The Netherland.
111. Shauli, S., and **Baram-Tsabari**, A. (April 2023). Does general science knowledge help acquire new scientific knowledge in genetics with health relevance? The case of the hard of hearing and their families [online paper presentation]. Public Communication of Science and Technology (PCST) 2023 International Conference, Rotterdam, the Netherlands.
112. Zimmerman, I., **Baram-Tsabari**, A., Tal, T. (2023, April). Reader engagement expressions to popular science articles predicted by the use of accessibility strategies [online paper presentation]. Public Communication of Science and Technology (PCST) 2023 International Conference, Rotterdam, the Netherlands.
113. Zimmerman, I., **Baram-Tsabari**, A., Tal, T. (2023, April). Science communication objectives and practices of science news websites as a showcase of gaps between theory and practice [online

paper presentation]. Public Communication of Science and Technology (PCST) 2023 International Conference, Rotterdam, the Netherlands.

114. Rakedzon, T., **Baram-Tsabari**, A., and Yosef, R. (2023, June). Watch your jargon – using the ‘Half-Life Your Message’ task and interactive, AI-based feedback in writing a research summary for lay audiences. [paper presentation]. European Association for Teaching of Academic Writing (EATAW) conference, Zurich University of Applied Sciences in Winterthur, Switzerland.

Papers Presented at National Scientific Conferences (Peer Reviewed, In Hebrew)

36 presentations in national conferences between 2008-2015.

The presenter is underlined

37. Kahle, K., Sharon A. J., & **Baram-Tsabari**, A. (2016, February). *Footprints of fascination: Digital traces of public engagement with particle physics on CERN's social media platforms* [Paper presentation]. Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel.
38. Asakly, D., Orr, D. & **Baram-Tsabari**, A. (2016, February). *Characteristics of authentic scientific discourse in social media: The case of drinking water fluoridation* [Paper presentation]. Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel.
39. Rakedzon, T. & **Baram-Tsabari**, A. (2016, February). *Genre assessment of scientific writing in and outside academia* [Paper presentation]. H-INET (Higher education in Israel network of English teachers) conference, Tel Aviv, Israel.
40. Golumbic, Y.N., Sagy, O., **Baram-Tsabari**, A., & Fishbain B. (2016, November) *Science from the bottom up: Action research for promoting public engagement with science* [Paper presentation]. Mundi Lab 2016 conference, Haifa, Israel.
41. Rakedzon, T, Segev, E. & **Baram-Tsabari**, A. (2017, February). *An automated jargon identification program: evaluating STEM students' use of jargon in written scientific genres* [Paper presentation]. Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel.
42. Barel-Ben David, Y., Garty, E., & **Baram-Tsabari**, A. (2017, February). *Is science inherently boring? A Comparison of Science and general Items on 'Mako' News Site* [Paper presentation]. Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel.
43. Barel-Ben David, Y., Garty E. & **Baram-Tsabari**, A. (2017, April). *Is science inherently boring? A Comparison of scientific and general items on 'Mako' & 'Ynet' News Site* [Paper presentation]. Conference of the Israel Communication Association, Sderot, Israel.
44. Golumbic, Y.N., Fishbain B. & **Baram-Tsabari**, A. (2017, July). *Why and how should we communicate scientific information to the public* [Paper presentation]. Annual Science and Environment conference, Herzliya, Israel.
45. Dalyot, K. & **Baram-Tsabari**, A. (2018, February). *Scientific discourse and lifelong learning on social media: The case of non-ionizing radiation* [Paper presentation]. Chais Conference for the

Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel.

46. Rakedzon, T., **Baram-Tsabari, A.**, & Segev, E. (2018, July). *Technology for evaluating the compatibility of vocabulary in academic and popular writing* [Paper presentation]. Summer Conference of the Israeli Association for Literacy and Language, Tel Aviv, Israel.
47. Dayan, T., Lavie Alon, N., Golumbic, Y.N., & **Baram-Tsabari A.** (2018, June). *Citizen science as an emerging approach to environmental education* [Panel presentation]. Annual Science and Environment conference, Rehovot, Israel.
48. Rozenblum, Y., Dalyot, K., Lachman, E. & **Baram-Tsabari, A.** (2020, February). *Gendered engagement with posts authored by female scientists on Facebook* [Paper presentation]. Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel.
49. Atias, O., Benichou, M., Sagy, O., Ben-David, A., Kali, Y., & **Baram-Tsabari, A.** (2020, February). *"Sometimes you're not wrong, you're just not right": Advancing students' epistemic thinking about science through in-school citizen science programs* [Paper presentation]. Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era. Ra'anana, Israel.
50. Zoubi, K., Sharon, A.J., Nitzany E., & **Baram-Tsabari, A.** (2021, February). *Science, maddá and 'ilm: Differences in the quality of scientific information available to internet users in three languages* [Paper presentation]. Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era. Ra'anana, Israel.
51. Gafni-Amsalem, C., Aboleil-Zoubi O., Chervinsky, O., Aleme, O., Khayat, M., Husam, B., Peled Perets, L., Mamluk, E., Hakrosh, S., **Baram-Tsabari, A** & Shalev, A (2021, July) *Enhancing informed decision-making regarding genetic carrier screening tests for reproductive purposes* [Paper presentation] The 16th Research and teaching Fair, The Max Stern Yezreel Valley College, Israel.
52. Atias, O., Kali, Y., & **Baram-Tsabari, A.** (2022). *Equals in Partnership? Perceptions of Expertise in Teacher-Scientist Partnerships Built Around Citizen Science Projects* [short Paper presentation]. The 17th Chais Conference on the Study of Innovation and Learning Technologies: Learning in the Digital Era, Ra'anana, Israel.
53. Dabran, S., & **Baram-Tsabari, A.** (2022). *The Potential Contribution of Different Literacies to the Detection of Misinformation in the Online Space*, the 17th Chais Conference for the Study of Innovation and Learning Technologies, The Open University of Israel, 127-132.

Participation in Organizing Academic Conferences - International

2013	Member of the scientific committee of the IOSTE Eurasia Regional Symposium and Brokerage Event, Antalya, Turkey, 30 October- 1 November, 2013.
2017	Initiator and organizer of PESO2017 - Public Engagement with Science Online, an international research workshop of the Israel Science Foundation, Haifa, Israel, June 25-28, 2017

2019-20 Member of the conference committee of the European Citizen Science Association (ECSA) working group on the international conference, Trieste, Italy, 25-26 May 2020 [took place online Sept, 2020]

Participation in Organizing Academic Conferences - In Israel

2009 Founder and organizer of the **1st Science Communication Conference in Israel: Science in the Israeli Media**, Technion, March 16, 2009.

2009 Head of the executive committee of the **2nd Science Communication Conference in Israel**, the Israel Academy of Sciences and Humanities in Jerusalem, December 24, 2009. The conference was organized in conjunction with the Wolf Foundation and the British Council

2011 Head of the academic committee and co-chair of the executive committee of the **3rd Science Communication Conference in Israel**, the Israel Academy of Sciences and Humanities in Jerusalem, June 16, 2011. Hosted **Prof. Bruce Lewenstein**, Department of Communication, Cornell University, Ithaca, USA. Funded by the Fulbright Senior Specialist program.

2012 Head of the academic committee and co-chair of the executive committee of the **4th Science Communication Conference in Israel**, Technion, 5-6 June, 2012. Hosted NPR's science journalist Mr. **Robert Krulwich** and Mrs. **Nancy Shute**, at that time the President of the US National Association of Science Writers.

2013 Head of the academic committee and co-chair of the executive committee of the **5th Science Communication Conference in Israel**, Tel Aviv University, 3-4 November, 2013. Hosted members of the **First International Science Journalism Mission to Israel**, a prestigious joint project of the Israel Academy of Sciences and Humanities and the Jerusalem Press Club (JPC) of which I was Academic Advisor and Member of the Organizing Committee.

2014 Member of the scientific committee of the **12th Annual MEITAL National Conference**, The Levinsky College of Education, July 2, 2014.

2014-5 Member of the program committee of the **10th annual Chais Conference** on Instructional Technologies Research Learning in the Technological Era, Open University Campus in Raanana, Israel, Feb 10-11, 2015.

2015 Head of the academic committee and co-chair of the executive committee of the **6th Science Communication Conference in Israel**, held June 24-25, 2015 in the Weizmann Institute of Science. Keynotes by **Prof. Bruce Lewenstein**, Department of Communication, Cornell University, funded by the Cornell–Technion Faculty Exchange Program, and **Dr. James Gillis**, head of Communications at CERN.

2015-2023 Member of the program committee of the **11th – 18th annual Chais Conference** on Instructional Technologies Research Learning in the Technological Era, Open University Campus in Raanana, Israel.

Participation in Organizing Professional Conferences - In Israel

- 2009 Organizing the Technion's contribution to the **Researchers' Night**, a pan European science outreach event of FP7 which takes place simultaneously in about 300 cities.
- 2009-2012 Involvement in Judging the Technion's semi-finals (2009), organizing the Technion semi-finals (2011, 2012) and judging the national finals (2012, 2015) of **FameLab**, an international science communication competition.
- 2014-2016 Co-organizing the meetings of the **Israeli forum of Biology Education Researchers**
- 2009-2018 Organizing the **annual Biology Teachers' Conference at the Technion**. The conference took place 11 times, growing from ~30 participants in the first to over 100 in the last few events.
- 2016 Organizing a meeting for the commercial broadcasting bodies and science and health communicators as part of the public council of the the Second Authority for Television and Radio in Israel.
- 2016 Member of the organizing committee of the **Connecting People with Science Conference**, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot.
- 2017 Member of the organizing committee of the **2nd Connecting People with Science Conference**, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot.
- 2021 Co-organizing a virtual mini-conference on Religion and Inclusive Science Communication for scholars and practitioners (Hebrew and English sessions)