

R E S U M E

September 2025

1. PERSONAL DETAILS

Full Name: Ayelet Baram-Tsabari

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

2. ACADEMIC DEGREES

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

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)

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 research philosophies and methodologies 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 developing 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 teach a new course at the Technion and 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. I obtained funding to turn the course into a MOOC (2020) available in Hebrew on Campus IL and English on edX. Tel Aviv University took up The MOOC as a course in 2023, and the Weizmann Institute of Science followed in Spring 2025.

Science Communication Practicum (course number 216002): Design and teach a new course at the Technion and 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 include the use of 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

2024-present	Technion Senate member
2021-2023	Technion Promotion Preparatory Committee Member
2020	Mentor of new faculty to the Technion - Class of 2020 (together with Prof. Barak and Prof. Perets)
2020-2021	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

2023-present	Faculty Vice Dean for Graduate Studies
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

2025-present	Visiting Senior Scientist, Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU), Japan
2025- present	Member of the International Panel on the Information Environment (IPIE), Switzerland
2025-present	Board of Directors member of Madatech, the National Museum of Science and Technology, Israel
2025-present	Steering committee member, Afikim Program for Applied Postdoctoral Fellowship in Education, Ministry of Education, Israel
2023-2027	A member of the Scientific Advisory Board of the Institute for Planetary Health Behaviour, Universität Erfurt, Germany
2023	A jury member of Falling Walls Engage Pitches 2023, identified the most significant scientific Breakthrough of the Year 2023 in the field of Science Engagement, Berlin, Germany. *** Participation canceled due to the Iron Sword War.
2023-present	Mentor in WISER (Israeli women mentoring program for post-docs)
2023-present	Steering committee member, Ph.D program in Education & Learning Technology, The Open University, Israel
2023-2024	A member of the steering committee, Climate change curriculum for 8 th graders in Israel, CET
2023	Advisory Workshop, The UNESCO Chair in Science Communication for the Public Good at the Australian National University (ANU) is collaborating with the International Science Council's Public Value of Science project: 'Science Engagement: understanding trust, science and publics' (online).
2023	Advisory Workshop on Science Communication Ethics, the Science Communication Unit, UWE Bristol in collaboration with the Wellcome Centre for Ethics and Humanities (WEH)/Ethox Centre, University of Oxford (online).
2021 -2023	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)

2024-present	Associate Editor, <i>Science Communication</i>
2023- present	Editorial board member of <i>Science Communication</i>
2022-present	Editorial board member of <i>International Journal of Science Education Part B: Communication and Public Engagement</i> (IJSE:B)
2020-present	Editorial Board member of <i>Public Understanding of Science</i> (PUOS)
2014	Guest editor of <i>Journal of Research in Science Teaching</i> (JRST) special issue "Bridging science education and science communication research" together with Prof. Jonathan Osborne
2013-2014	Associate Editor of the <i>Journal of Research in Science Teaching</i> (JRST)
2011-2017	Editorial board member of <i>Research in Science Education</i> (RISE)
2010-2012	Editorial board member of the <i>Journal of Research in Science Teaching</i> (JRST)

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 the 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

ICA – International Communication Association

11. FELLOWSHIPS, AWARDS AND HONORS

2025 Technion Award for Excellence in Teaching (top 4%)

2024-present Franz Ollendorf Chair (Donated by Octav and Marcella Botnar)

2023 Triple E-award (Joint Award), Third place, Community engagement initiative of the year; First place, people's choice award. Taking citizen science to school (TCSS): School-University Collaborations for the Advancement of Science and Society. Jointly awarded with Prof. Yael Kali, Prof. Dani Ben-Zvi, Dr. Yotam Hod, Prof. Tali Tal, and Dr. Dina Tsybulsky

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 Associate Professor 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 Senior Research Associate (tenure track) at the Steinhardt Museum of Natural History at Tel Aviv University, where she is Head of citizen science research.
8. **Aviv Sharon.** "An Outsider's 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.
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 Minerva postdoc fellow at the Kiel science communication network, Germany.
10. **Dalit Lan.** "Citizen Science in Schools for the Development of Spatial Citizenship" (with secondary advisor: Dr. Sagie Dalyot). Candidacy exam: Nov. 2020. Graduation: 2023. Kaplan Prize for meaningful contribution to the education system, a

departmental honorary fellowship (2023). Currently a citizen science project leader at the Excellence Research Center, Taking Citizen Science to School.

11. **Yael Rozenblum.** "Teachable moments: The development of scientific literacy in the Israeli public and media during the COVID-19 pandemic." Candidacy exam: Sept. 2021. Graduation: 2025. COST APPLY Travel Grant (2023). The Refaeli Mishkin Faculty Academic Excellence Prize (2024). Faculty honorary fellowship (2024). Faculty honorary fellowship (2025).
12. **Shaked Dabran-Zivan.** "Scientific literacy at the individual and the societal level supports orientation in an information environment of varying epistemic quality." Candidacy exam: Dec. 2022. Graduation: 2025. ESERA Travel Grant (2023). Faculty honorary fellowship (2023). EUSEA young talent Co-keynote (2024). Irwin and Joan Jacobs Excellence Fellowship for a Paper by a Ph.D. Students (2024). The Faculty Academic Excellence Prize (2025). Faculty honorary fellowship (2025).

Completed Ph.D. as co-advisor

13. **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.
14. **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.
15. **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.
16. **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. Graduation: 2023.
17. **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). Graduation: 2023. Currently a postdoctoral fellow at Haifa University.
18. **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 the best proposal in communication studies award at *Metaksherim graduate conference*. Graduation: 2023. Currently, I am a teaching materials developer at the National Environment and Sustainability Education Center.

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.
6. **Roni Shapira**. "A comparative analysis of the quality of online scientific information available in different languages on top Google search results". Candidacy: Nov. 2021. Graduation: 2025 (summa cum laude).

Ph.D. Theses in Progress

1. **Yael Miara-Aharon**. "Interfaces of science and environmental policy in Israel". Candidacy exam: Nov. 2024.
2. **Jordana Portman**. "How does social-media-based science communication impact young audiences?". Candidacy exam: February 2026.

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. at 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.
5. **Dr. Lars Guenther**, Senior Research Associate at the University of Hamburg, visited for 8 weeks during 2023 to initiate the "Science Information Search with AI Technologies (Sci-AI)" international study. Currently Professor of Communication Science at LMU Munich.

Active Postdoc Fellows

6. **Dr. Inbal Klein-Avraham**, postdoctoral fellow. Public engagement with science in the era of Artificial Intelligence. Starting January 2023. Won a research grant from Technion and University of Haifa: The Center for Humanities and AI (2023). Won a travel grant by The Israel-Lower Saxony Scholar Exchange (ILLSE) – PostDoc Exchange Grant (2024).
7. **Dr. Elad Yacobson**, postdoctoral fellow. "Leveraging LLMs to train scientists in dialogic science communication". Principal advisor: Prof. Ofra Amir, Faculty of Data-Science and Decision making at the Technion. Finalist at the Master-AI Competition & Conference (IUCC, 2025), finalist at the national Falling Walls Lab (Israel Academy, 2025).
8. **Dr. Yuval Rosenberg**, postdoctoral fellow. When educational innovations expand access to science education and communication.

14. RESEARCH GRANTS

Competitive

2025	Total budget 61,700 Euros	One of 3 PIs funding by VolkswagenStiftung, for organizing an international scoping workshop, Germany	AI and the Future of Science Communication: Navigating the transformative Impact of AI-Infused Science on Public Engagement and Education
2022-2025	Total budget 320,000 Euros My share 147,214 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.	One of 4 partners, I am the leading partner. EIT Food,	The Classroom as a Platform for Community Engagement

	My share 88,912 Euros	European Institute of Innovation and Technology, EU	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- 2023	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 the 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

2025	\$7,000 for both PIs	Cornell-Technion Faculty Exchange Program	Technion-Cornell Joint Research Fund, together with Prof. Mor Naaman
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2024-2025	Total of 3M NIS (6 PIs). Technion share 1M (3 PIs)	Yad Hanadiv	Taking Citizen Science to School: Breaking Boundaries Between School and Society
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 PIs	Cornell-Technion Faculty Exchange Program	Technion-Cornell Joint Research Fund, together with Prof. Lewenstein
2013	\$8000	JSPS Invitation Fellowship Program for Research in Japan (Short-term)	Japan Society for the Promotion of Science. Host researcher: Prof. Masakata Ogawa, Graduate School of 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.
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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.

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.
17. Dabran-Zivan, S. **Baram-Tsabari, A.** Kunze, A. Kresin, S., & Büssing, A. (accepted). Evaluating the Credibility of Online Sources: The Case of Climate Change Misinformation in Three Languages. Büssing, A, Siegmann, S., Nehring, A., Friege, G., Fisichella, M., Kremer, K., & Lenzer, S. (Eds.). Climate Change in Social Media: A Perspective for Science Education towards the Digital Society. Springer.

Accepted and Submitted

Baram-Tsabari, A. (accepted). Evaluation. D. Fahy and T. Newman (Eds.). Essential Concepts of Science Communication: An A-Z Guide. Routledge.

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.** (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](#).
17. **Baram-Tsabari, A.** (2023). Hungry for Knowledge podcast with Or Daniel. Episode 101. [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 TCSS 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	Keynote Speaker at the 16th International Conference on Educational Data Mining (EDM 2023), Bengaluru, India, in person.
2023	Plenary speaker at the 15th Conference of the European Science Education Research Association (ESERA 2023), Cappadocia, Turkey, in person.
2024	Invited guest expert and keynote speaker, the first „Evidence-Based Science Outreach“ network-meeting (funded by the DFG), Braunschweig, Germany, to take place June 2024 in person.
2025	Invited talk at the Institute for Planetary Health Behaviour, University of Erfurt, Germany (in person, March).

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)
2023	Keynote speaker, the 3 rd 'Software and Data' conference, AEAI – The Association of Engineers, Architects and Graduates in Technological Sciences in Israel (June, recorded in Tel Aviv and broadcasted online)

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
- 2023 A panel member, a joint initiative from the Berlin School of Public Engagement, EUSEA, and INTERSECTIONS (a virtual, international science festival format). 'Researcher training for public engagement and science communication: What makes effective training?' (Online, May)

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
- 2023 Panel member at the "Reducing toxic and violent discourse on social networks" conference, INSS – the Institute for National Security Studies, Tel Aviv University.
- 2025 Panel moderator, "Citizen Science for Nature Conservation", The Steinhardt Museum of Natural History, Tel Aviv University.

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)
2024	Young Academies AcadeMIX, Berlin. (Germany, in person)
2025	Co-organizer of the Scoping Workshop „AI and the Future of Science Communication: Navigating the transformative Impact of AI-infused science on Public Engagement and Education“ with 30 leading international scholars. (Germany, in person)

Workshops - national

2022	Forum for Interdisciplinary Studies (Pumbi 1). By invitation. (Ein Gedi, in person).
2025	Thinking differently about research. By invitation. (Israel Institute for Advanced Studies, Hebrew University, in person).
2025	Forum for Interdisciplinary Studies (Pumbi 3). By invitation. (Nahsholim, 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)
2024	Invited talk about science communication in the post-truth era, The National Center for Biology Teachers (February, online)
2024	Invited talk at The National Conference for Chemistry Teachers (May, online)
2024	Invited talk at Schwartz/Reisman Science Education Center, Rehovot (July, in person)

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 " <i>Sal Mada</i> " 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)
2024	Invited talk "How to speak with suspicious and hostile international colleagues?", the Israeli Young Academy (January, online)
2024	Invited talk at the Wiser initiative for female Israeli postdocs abroad (February, online)
2024	Invited talk and activity for PIs at the Center for Sustainable Processes & Catalysis (May, in person)
2024	Invited talk at the 5th Rothschild Colloquium, held at the Israel Institute for Advanced Studies, Hebrew University (May, in person)
2024	Invited talk at Vilniaus universitetas, Lithuania (November, Online)
2025	Invited talk and science communication activity for Technion young PIs, Technion (February, in person)
2025	Invited talk and science communication activity for civic engineering graduate students, Technion (February, in person)
2025	Invited talk and science communication activity for Emerging Female Leaders in Chemistry, Technion (April, in person)

- 2025 Mentor and judge in a hackathon about “Truth in the digital world”, computer science, Technion (May, in person)
- 2025 Invited talk and science communication activity for Faculty of Biotechnology and Food Engineering excellence program (BFE), Technion (July, 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)
- 2024 Facilitator of a short science communication training for the excellent Technion students program (June, In person)
- 2024 Facilitator of a short science communication training during the Academix workshop for excellent PhD students sponsored by the Israel Young Academy (September, In person)

Contributed Talks**Papers Presented in International Scientific Conferences (peer reviewed)**

Not listed: 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., **Golumbic**, 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. **Golumbic**, 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. **Golumbic**, 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. Golumbic, 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-Metzuyanim, 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 Netherlands.
 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. **Baram-Tsabari**, A. and Rozenblum Y. (2023, April). The relevance of science education to science-informed behavior: The case of COVID-19 in Israel [paper presentation]. NARST Annual International Conference, Chicago, USA.
 115. Osborne, J., Allchin, D., Feinstein, N. **Baram-Tsabari**, A. and Pimentel, D. (2023, April). Symposium: Reinventing Scientific Literacy for an Age of Misinformation: NGSS 2.0. NARST Annual International Conference, Chicago, USA.
 116. 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.
 117. Dabran-Zivan, S., **Baram-Tsabari**, A., Kunze, R., Kresin, S. and Büssing, A. (2024, March). Evaluating the credibility of online sources: The case of climate change misinformation in three languages. NARST Annual International Conference. Denver, CO, USA. Online participation.
 118. Klein-Avraham, I., Greussing, E., Taddicken, M., & **Baran-Tsabari**, A. (2024, March). A theoretical framework to evaluate AI-based information technologies for critical engagement with science: A proposition. NARST Annual International Conference. Denver, CO, USA. March 2023. Online participation.
 119. **Baram-Tsabari**, A. (2024, April). A freely available resource for our community: science communication MOOC on edX. International Symposium on Public Communication of Science and Technology 2024 & IX National Colloquium on Recreational Science, Mexico. Video presentation due to Iron swords war.
 120. **Baram-Tsabari**, A. (2024, April). The (lack of) relevance of science education to science-informed behavior: the case of COVID-19. International Symposium on Public Communication of Science and Technology 2024 & IX National Colloquium on Recreational Science, Mexico. Video presentation due to Iron swords war.
 121. Rakedzon, T., **Baram-Tsabari**, A., Segev, E. and Yosef, R. (2024, July). The Impact of Interactive AI Feedback on STEM Students' Writing of Lay Research Summaries. To be presented at IEEE ProComm2024, Carnegie Mellon University, Pittsburgh, PA, USA.

122. Greussing, E., Guenther, L., **Baram-Tsabari**, A., Dabran-Zivan, S., Jonas, E., Klein-Avraham, I., Taddicken, M., Beets, B., Brossard, D., Chakraborty, A., Agergaard, T. E., Fage-Butler, A., Huang, C.-J., Nielsen, K. H., Kankaria, S., Lo, Y.-Y., Riedlinger, M., Song, H. (2024, June). Predicting and Describing the Use of Generative AI in Science-Related Information Search: Insights from a Multinational Survey [Accepted presentation]. Annual Conference of the "Science Communication" Division of the German Communication Association (DGPK), Zurich, Switzerland.
123. Greussing, E., Guenther, L., **Baram-Tsabari**, A., Dabran-Zivan, S., Jonas, E., Klein-Avraham, I., Taddicken, M., Agergaard, T., Beets, B., Brossard, D., Chakraborty, A., E., Fage-Butler, A., Huang, C.-J., Nielsen, K. H., Kankaria, S., Lo, Y.-Y., Riedlinger, M., Song, H. (2024, October). Mapping cross-national patterns: The use of generative AI in science-related information retrieval across seven countries [Accepted presentation]. PCST China Symposium 2024, Suzhou, China.
124. Kremer, K., Büssing, A., Nehring, A., Kresin, S., Osborne, J., Allchin, D., Selent, L., Dabran-Zivan, S., **Baram-Tsabari**, A. and Pimentel, D. (2025, March). Symposium: "Misinformation in Science Media" - Enhancing the Evaluation of Credibility in Digital Contexts. NARST Annual International Conference, Washington, DC, USA.
125. Baram-Tsabari, A. and Dabran-Zivan, S. (2025, March). The Importance of Science Education, Scientific Knowledge, and Evaluation Strategies for Detection of COVID-19 Misinformation. NARST Annual International Conference, Washington, DC, USA.
126. Rozenblum, Y., Dalyut, K. and **Baram-Tsabari**, A. (2025, March). People who have more science education rely less on Misinformation. NARST Annual International Conference, Washington, DC, USA.
127. Barel-Ben David, Y., Hendriks, F., Baram-Tsabari A., Brossard, D., Kramer, O. (May 2025). Symposium: Integrating GenAI into Science Communication Training: Four International Research Perspectives, Public Communication of Science and Technology Conference, Aberdeen, Scotland.
128. Yacobson, E., Baram-Tsabari, A., & Amir, O. (May 2025). Current uses of virtual conversational agents for teaching communication skills. Individual paper accepted to the Public Communication of Science and Technology Conference, Aberdeen, Scotland.
129. Baram-Tsabari, A., Guenther, L., Kankaria, S., and Joubert, M. (May 2025). Comparing Scientific quality in Google Search Results across 21 Languages . Individual paper accepted to the Public Communication of Science and Technology Conference, Aberdeen, Scotland.
130. Dabran-Zivan, S., Klein-Avraham, I., and Baram-Tsabari, A. (May 2025). Changing Evaluation Strategies for the Changing Science-Information Landscape of GenAI. Individual paper accepted to the Public Communication of Science and Technology Conference, Aberdeen, Scotland.
131. Klein-Avraham, I. and **Baram-Tsabari**, A. (2025, June). Less epistemic knowledge about AI is associated with greater trust in AI and greater use of AI-generated information. 75th Annual International Communication Association Conference (ICA), Denver, Co, USA.
132. Baram-Tsabari, A., Arvatz, A., Yacobson, E., and Asterhan, C. (2025, June). A Conceptual Framework for Teaching GenAI the Art of Productive Dialogue. 75th Annual International Communication Association Conference (ICA), Denver, Co, USA.
133. Miara, V., Teschner, N. And **Baram-Tsabari**, A., (June 2025). Science Communication for Optimal Policy Engagement (SCOPE): a science-policy communication framework consolidating the scientific, the environmental and the political. ICA Annual Conference, Denver, Co, USA.
134. Greussing, E., Guenther., L., **Baram-Tsabari**, A., Dabran-Zivan, S., Klein-Avraham, I.,..... (June 2025). Cross-National Perspectives on Artificial Intelligence: A Segmentation Analysis of AI-

related Risk and Benefit Perceptions Across Seven Countries and Over Time. ICA Annual Conference, Denver, Co, USA.

135. Klein-Avraham, I., Dabran-Zivan, S. and **Baram-Tsabari**, A. (2025, June). Changing Evaluation Strategies for a Changing Information Landscape: How People Evaluate AI-Generated Science-Related Information. ICA Annual Conference, Denver, Co, USA.
136. Miara, V. Y., Lehnardt, Y., Teschner, N., Baram-Tsabari, A.: "Biodiversity and Conservation Policy Communication Workshop: Addressing Challenges and Solutions in Communicating Biodiversity in Policy Settings". Workshop, 18th Biennial Conference on Communication and Environment (COCE), June 2025, Hobart. Online participation.
137. Asterhan, C., Yacobson, E., Arvatz, A., and **Baram-Tsabari**, A. (August, 2025). A Cross-Disciplinary, Integrative Conceptual Framework for AI-Based Productive Dialogue Training. 40th EARLI conference, Gratz, Austria.
138. Arvatz, A., Asterhan, C., Yacobson, E., and **Baram-Tsabari**, A. (August, 2025). Demo session: Reimagining dialogue facilitator training by incorporating theory-based GenAI agents. 40th EARLI conference, Gratz, Austria.
139. Chinn, C., Kienhues, D., Iordanou, K., **Baram-Tsabari**, A., Futterleib, H., Varda, C., and Thomm E. (August, 2025). Symposium: Evaluating and communicating everyday science-related information. 40th EARLI conference, Gratz, Austria.
140. Rozenblum, Y. Segev, E., Yosef, R. and **Baram-Tsabari**, A. (2025, August). Science education enables more informed participation in science-related public discussions. ESERA, Copenhagen, Denmark.

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.
54. Lan, D., Dalyot, K., Dalyot, S., and Baram-Tsabari A. (2023). Mapping and empowerment - Teachers voices in Integration of citizen Science in schools. Creation and Teaching conference at Oranim College, Israel.
55. Klain-Avraham, I., Dabran-Zivan, S., & Baram-Tsabari, A. (2024). Do you know that sometimes the information on ChatGPT is wrong? Knowledge about and usage of generative artificial intelligence in the early adoption phase. The 26th ISCA annual conference. Herzliya, Israel. April, 2024.
56. Klain-Avraham, I., & Baram-Tsabari, A. (2024, September). Can information provided by artificial intelligence be wrong? Trust and use of information created by GenAI when formulating a daily health decision. The 4th 'Software and Data' conference, AEAI – The Association of Engineers, Architects and Graduates in Technological Sciences in Israel (recorded in Tel Aviv and broadcasted online).
57. Klein-Avraham, I., Lahav, A., Yacobson, E., & Baram-Tsabari, A. (2025). Exposure to misinformation, perceptions of it, and news consumption among the Israeli public. The 27th ISCA annual conference. Haifa, Israel.
58. Yacobson, E., Baram-Tsabari, A., & Amir, O. (2025). Training in Dialogic Science Communication Using ChatGPT. 5th AI and Data Conference of AEAI (The Association of Engineers, Architects and Graduates in Technological Sciences in Israel), June 2025, Tel-Aviv, Israel.
59. Miara, V. Y., Baram-Tsabari, A., Teschner, N. (2025). Dialogue of the Deaf? Science Communication to Promote Evidence Informed Environmental Policy in Israel. Oral lecture, Conference on Research Interfaces between Ecological Sciences and Social Sciences, Israel.

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]
2025	Co-organizer of the Scoping Workshop „AI and the Future of Science Communication: Navigating the transformative Impact of AI-infused science on Public Engagement and Education“ with 30 leading international scholars. (Germany, in person)

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.
2015-2025	Member of the program committee of the 11th – 20th annual Chais Conference on Instructional Technologies Research Learning in the Technological Era, Open University Campus in Raanana, Israel.
2024-2025	Co-founder and Co-chair of ICER, the 1st Israeli Conference on Educational Research , 15-17 September 2025.

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)