

Date: 31/7/2017

Ayelet Baram-Tsabari

Web site: <http://ayeletlab.net.technion.ac.il/>

ACADEMIC DEGREES

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

ACADEMIC APPOINTMENTS

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| 2015-present | Associate Professor , Faculty of Education in Science and Technology, the Technion |
| 2011-2015 | Assistant Professor , Faculty of Education in Science and Technology, the Technion [promoted November 2010, returned to the Technion February 2011] |
| 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 |

PROFESSIONAL EXPERIENCE (in Israel)

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| 2008-2009 | Reporter , <i>Globes</i> , national daily economic newspaper, weekly popular-science column |
| 2009 | TV Presenter , Channel 2, national Israeli TV, presenting a one hour program about evolution |
| 2007-2008 | TV Presenter , Channel 2, national Israeli TV, presenting a popular-science spot |
| 2005-2007 | Reporter , <i>Blazer</i> , monthly men's magazine, popular-science column |

2005-2006	Reporter , <i>Globes</i> , national daily economic newspaper, weekly popular-science column
1999-2004	Reporter/Editor , <i>Ha'ir</i> , Tel Aviv's local magazine, various writing and editing positions
2003-2004	TV Presenter , Channel 10, national Israeli TV, presenting a popular-science spot
2003	TV Editor , "Science News", Channel 8 on cable TV, deputy editor and science advisor
2002	Book Editor , Co-editor of "Successful Recruitment" 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)

PUBLIC PROFESSIONAL ACTIVITIES

2017-present	Chairwoman of the Communication Committee of the Israel Young Academy of the Israel Academy of Sciences and Humanities
2016-2019	Member of the Academic Committee on Digital Learning in Israeli Academia , Council for Higher Education, Planning and Budgeting Committee
2016-2020	Elected member of the PCST (Global Network for Science Communication) scientific committee
2016-present	Chairwoman 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
2014-2018	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)

2017-	Advisory Editorial Board of the book series "Science Communication" published by World Scientific Publishing (WSPC)
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 the <i>Journal Research in Science Education</i> (RISE)
2010-2012	Editorial board member of the <i>Journal of Research in Science Teaching</i> (JRST)
2009-2011	A member of the Journal of Research in Science Teaching Awards Committee

Membership on Journal Editorial Boards in Israel

2014-present	Editorial board member of the Israeli Science and Technology Middle School Teachers journal
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Reviewer

Journals: JRST, Science Education, RISE, IJSE, PUOS, Science Communication, JCOM

Grants: BSF, ISF

Member, professional promotion committee for a faculty member (undisclosed) Israeli institute of higher education

FELLOWSHIPS, AWARDS AND HONORS

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 honor 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

RESEARCH GRANTS

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
	70,000 NIS	Israel Science Foundation	
	40,000 NIS	Technion president fund	
2017	7,000 NIS	Moshe Yanai Foundation for the Promotion of Int. Science Relations	International research workshop on Public Engagement with Science in Social Media
	15,000 NIS	Haifa municipality-Technion fund	
	5,000 NIS	Center for the Learning Science, Faculty of Education in Science and Technology, Technion	

	30,000 NIS	Israeli Ministry of Science, Technology and Space	
2015-2017	260,000 NIS	Israel Science Foundation	Online Public Engagement with Science: The Case of Polio Vaccination in the Israeli Social Media
2014-2016	7,000\$ for both PIS	Cornell-Technion Faculty Exchange Program	Technion-Cornell Joint research Fund together with Prof. Lewenstein
2013-2017	my share: 328,000\$	Learning in a Networked Society (LINKS): Co-creation of Knowledge in Technology-Enhanced Communities of Learning	One of 11 members of Israel Centers of Research Excellence (ICORE), Israel Science Foundation
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\$ for 2014)	Civic Participation 2.0	Technion-Cornell Joint Research Fund. 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\$	Alon Fellowships for Outstanding Young Researchers	Council of Higher Education, Jerusalem, Israel
2010-2011	153,377 Euros	Identifying best practices for successful facilitation of science learning	Marie-Curie International Outgoing Fellowships under FP7

through general
interest television
programming

2009- 2011	my share: 92,952 Euros	Science-teacher education advanced methods	A coordination and support action under FP7 which included 26 participants
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PUBLICATIONS

Refereed papers in professional journals

Published papers

1. Baram-Tsabari, A. and Yarden, A. (2005). Characterizing children's spontaneous interests in science and technology. *International Journal of Science Education*, 27(7), 803-826.
2. Baram-Tsabari, A. and Yarden, A. (2005). Text genre as a factor in the formation of scientific literacy. *Journal of Research in Science Teaching*, 42(4), 403-428.
3. Baram-Tsabari, A., Sethi R. J., Bry L. and Yarden, A. (2006). Using questions sent to an Ask-A-Scientist site to identify children's interests in science, *Science Education*, 90(6), 1050-1072.
4. Baram-Tsabari, A. and Yarden, A. (2007) Interest in biology: A developmental shift characterized using self-generated questions. *The American Biology Teacher*, 69(9), 546-554.
5. Baram-Tsabari, A. and Yarden, A. (2008). Girls' biology, boys' physics: Evidence from free-choice science learning settings. *Research in Science Technological Education*, 26(1), 75-92.
6. Baram-Tsabari, A., Sethi R. J., Bry L. and Yarden, A. (2009). Asking scientists: A decade of questions analyzed by age, gender, country and time. *Science Education*, 93(1), 131-160.
7. Baram-Tsabari, A. and Yarden, A. (2009). Identifying meta-clusters of students' interest in science and their change with age. *Journal of Research in Science Teaching*, 46(9), 999-1022.
8. Baram-Tsabari, A. and Kaadni, A. (2009). Gender dependency and cultural independency of science interest in an open distant science learning environment. *International Review of Research in Open and Distance Learning: Regional Focus Issue: Bridge over Troubled Waters*. 10(2). <http://www.irrodl.org/index.php/irrodl/article/view/591/1213>
9. Baram-Tsabari, A., Sethi R. J., Bry L. and Yarden, A. (2010). Identifying students' interests in biology using a decade of self-generated questions. *Eurasia Journal of Mathematics, Science & Technology Education*. 6(1), 63-75.
10. Hagay, G. and Baram-Tsabari, A. (2011). A Shadow Curriculum: Incorporating students' interests into the formal biology curriculum. *Research in Science Education*. 41(5), 611-634.
11. Baram-Tsabari, A. and Yarden, A. (2011). Quantifying the gender gap in science interest. *International Journal of Science and Mathematics Education*. 9(3), p. 523.
12. Baram-Tsabari, A. and Segev E. (2011). Exploring new web-based tools to identify public interest in science. *Public Understanding of Science*. 20(1), 130-143.
13. Peleg, R and Baram-Tsabari, A. (2011). Atom surprise: Using theatre in primary science education. *Journal of Science Education and Technology*. 20(5), 508-524.
14. Laslo, E., Baram-Tsabari, A. and Lewenstein, B. V. (2011). A growth medium for the message: Online science journalism affordances for exploring public discourse of science and ethics. *Science Journalism in a Digital Age, a special Issue of Journalism: Theory, Practice and Criticism*. 12(7), 847-870.

15. Hagay, G. and Baram-Tsabari, A. (2012). Including students' voices as engagement with curriculum: Perspectives from a secondary biology course. *Canadian Journal of Science, Mathematics and Technology Education*. 12(2), 160-177.
16. Segev, E. and Baram-Tsabari, A. (2012) Seeking science information online: Data mining *Google* to better understand the roles of the media and the education system. *Public Understanding of Science*. 21(7), 813-829. Published online December 1, 2010.
17. Hagay, G., Baram-Tsabari, A. and Peleg, R. (2012). The co-authored curriculum: high school teachers' reasons for including students' extra-curricular interests in their teaching. *International Journal of Science and Mathematics Education*. 11(2), 407-431.
18. Hagay, G., Baram-Tsabari, A., Ametller, J., Cakmakci, G., Lopes, B., Moreira, A., and Pedrosa-de-Jesus, H. (2013). The Generalizability of students' interests in biology across gender, country and religion. *Research in Science Education*. 43(3), 895-919.
19. Baram-Tsabari, A. and Lewenstein, B. V. (2013). An instrument for assessing scientists' written skills in public communication of science. *Science Communication*. 35(1), 56-85.
20. Hagay, G., Peleg, R., Laslo, E. and Baram-Tsabari, A. (2013). Nature or Nurture? A lesson incorporating students' interests in a high-school biology class. *Journal of Biological Education*. 47(2), 117-122.
21. Sharon A.J., and Baram-Tsabari, A. (2014). Measuring mumbo-jumbo: A preliminary quantification of the use of jargon in science communication. *Public Understanding of Science*. 23(5), 528–546.
22. Swirski, H and Baram-Tsabari, A. (2014). Bridging the gap between the science curriculum and students' questions: Comparing linear vs. hypermedia online learning environments. *Interdisciplinary Journal of e-Skills and Lifelong Learning*. 10, 153-175. Retrieved from: <http://www.ijello.org/Volume10/IJELLOv10p153-175Swirski0898.pdf>.
23. Baram-Tsabari, A. and Segev E. (2015). The half-life of a 'teachable moment': the case of Nobel laureates. *Public Understanding of Science*. 24(3), 326-337. First published on June 21, 2013 as doi:10.1177/0963662513491369.
24. Hagay, G., and Baram-Tsabari, A. (2015). A strategy for incorporating students' interests into the high-school biology classroom. *Journal of Research in Science Teaching*. 52(7), 949-978. Selected for the US National Science Teachers Association's "Research Worth Reading" list.
25. Swirski, H and Baram-Tsabari, A. (2015). "Will a black hole eventually swallow Earth"? Fifth graders' interest in questions from textbook, open network resource and other students' questions. *Interdisciplinary Journal of e-Skills and Life Long Learning*, 11, 313-327. Retrieved from <http://www.ijello.org/Volume11/IJELLv11p313-327Swirski1971.pdf>
26. Peleg, R and Baram-Tsabari, A. (2016). Understanding producers' intentions and viewers' learning outcomes in a science museum theatre play on evolution. *Research in Science Education*. 46, 715-742.
27. Kahle, K., Sharon, A.J., and Baram-Tsabari, A. (2016). Footprints of Fascination: Digital Traces of Public Engagement with Particle Physics on Social Media. *PLOS ONE*. <http://dx.doi.org/10.1371/journal.pone.0156409>

28. Armon, R and Baram-Tsabari, A. (2016). Our findings, my method: Framing science in televised interviews. *Public Understanding of Science*. DOI: 10.1177/0963662516648532
29. Boas, H. and Baram-Tsabari, A. (2016). The puzzle of "The University on Air": A story on media and academia in Israel 1977-2013. *Israel Studies Review*. 31.
<http://dx.doi.org/10.3167/isr.2016.310202>
30. Heinz, J., Enghag, M., Stuchlikova, I., Cakmakci, G., Peleg R. and Baram-Tsabari, A. (2016). Impact of initiatives to implement science inquiry – a comparative study of the Turkish, Israeli, Swedish and Czech science education systems. *Cultural Studies of Science Education*. Pp. 1-32. <http://link.springer.com/article/10.1007/s11422-015-9704-6>
31. Orr, D. Baram-Tsabari, A., and Landsman, K. (2016). Debating the Polio vaccine on Facebook: The key role of social media in the public's decision to vaccinate. Special Issue of the *Israeli Journal of Health Policy Research*.
<http://ijhpr.biomedcentral.com/articles/10.1186/s13584-016-0093-4>
32. Fishbain, B. Baram-Tsabari, A., et al. (2016). An evaluation tool kit of air quality micro-sensing units. *Science of the Total Environment*.
<http://dx.doi.org/10.1016/j.scitotenv.2016.09.061>
33. Rakedzon, T. and Baram-Tsabari, A., (2017). Synergy or interference in learning to write scientific genres: Assessing and improving L2 students' popular science writing in an academic writing course. Special Issue on Using Assessment Tasks for Improving Second Language Writing. *Educational Psychology*. 37(1), 48-66.
34. Rakedzon, T. and Baram-Tsabari, A., (2017). To make a long story short: A rubric for assessing graduate students' academic and popular science writing skills. *Assessing Writing*. 32, 28-42.
35. Baram-Tsabari, A. and Lewenstein B. (2017). Science Communication Training: What are We Trying to Teach?. *International Journal of Science Education: Part B*. DOI: 10.1080/21548455.2017.1303756 (published online ahead of print, 9 April)
36. Rakedzon, R., Segev, E., Chapnik, N., Yosef, R. and Baram-Tsabari, A. (2017). Automatic jargon identifier for scientists engaging with the public and science communication educators. *PLOS ONE*.
<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0181742>

Accepted papers:

37. Golumbic, YN., Orr, D., Fishbein, B. and Baram-Tsabari, A. (accepted). Between vision and reality: Scientists' ideas about public participation in science. *Citizen Science*.
38. Swirski, H., Yarden, A., and Baram-Tsabari, A. (in press). Does interest have an expiration date? An analysis of students' questions as resources for context-based learning in formal and informal science learning environments. *International Journal of Science Education, Part A*.
39. Peleg, R. and Baram-Tsabari, A. (accepted). Learning robotics in a science museum theatre play: Investigation of learning outcomes, contexts and experiences. *Journal of Science Education and Technology*.

Peer reviewed journal in Hebrew

Armon, R, Baram-Tsabari, A. and Barel Ben-David, Y. (2017). Ribosomes as Current Affairs – The Science of London and Kirschenbaum (Hebrew). Media Frames. 16, 85-108.

Editorials

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

Book chapters

1. Baram-Tsabari, A. (2010). Popular science and formal education. In S. H. Priest (Ed.), Encyclopedia of Science and Technology Communication (pp. 589-591). Thousand Oaks, CA: SAGE Publications.
2. Baram-Tsabari, A. (2010). Television science. In S. H. Priest (Ed.), Encyclopedia of Science and Technology Communication (pp. 879-883). Thousand Oaks, CA: SAGE Publications.
3. Baram-Tsabari, A. (2015). Web 2.0 Resources for Science Education. In R. Gunstone (Ed.), Encyclopedia of Science Education. Springer.
4. Baram-Tsabari, A. (2015). Promoting Information Seeking and Questioning in Science. In A. Renninger (Ed.), Interest, the Self, and K-16 Mathematics and Science Learning (pp. 135-152). AERA Handbook.
5. Baram-Tsabari, A. and Lewenstein B. (2016). Assessment. In M.C.A van der Sanden and de Vries M.J. (Eds.), Science and Technology Education and Communication: Seeking Synergy (pp. 161-184). Sense Publishers.
6. Baram-Tsabari, A., Segev E. and Sharon, A. (2017). Data Mining. In Blank G., Lee R., and Fielding N. (Eds.) Handbook of Online Research Methods, 2nd edition, (Chapter 6), SAGE publishing.
7. Baram-Tsabari, A. and Lewenstein B. (2017). Preparing Science Communicators. In P. Patrick (Ed.) Preparing Informal Science Educators: Perspectives from Science Communication and Education, (Chapter 22, pp.437-471), Springer.

Reviews**Peer reviewed journal in Hebrew**

1. Golumbic, YN, Baram-Tsabari, A., and Fishbain B. (2015). Citizen science: Public participation in science. Ecology and the Environment, 6(1), 14-23.

Research reports

1. Furman Shaharabani Y. and Baram-Tsabari A. (2009). Inquiry based teacher education in Israel. Submitted for WP3 as part of FP7 S-TEAM project.
2. Laslo E. and Baram-Tsabari A. (2010). Acquisition of Argumentation Skills and Teacher Education in Israel. Submitted for WP9 as part of FP7 S-TEAM project.

3. Barel Y., Baram-Tsabari A., Peleg R., Armon R., and Rave A. (2015). Towards evidenced-based policy in Israeli science communication: science coverage in Hebrew print, broadcast and online media, 2013-2014. Samuel Neaman Institute, Technion (In Hebrew).

Publications in Hebrew

Israeli Mass 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. Retrieved from <http://www.mako.co.il/vod-index/lomdim/VOD-65d88053c36cf11004.htm>
2. Baram-Tsabari, A. (2009). Mazal tov Albert! remember us? Ynet news website. A public letter to Albert Einstein on the national science day. Retrieved from <http://www.ynet.co.il/Ext/Comp/ArticleLayout/CdaArticlePrintPreview/1,2506,L-3686081,00.html>
3. Baram-Tsabari, A. (2009). Science in the Israeli media. Scientific American - Israel, September, 16-17.
4. Baram-Tsabari, A. (2009). Telenobel. Zmanim Modernim (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 minutes-long radio programs recorded with live audience, March 22. University on Air, Galey Zahal.

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.

CONFERENCES AND PRESENTATIONS

Invited talk - 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) <http://www8.nationalacademies.org/cp/meetingview.aspx?MeetingID=6783&MeetingNo=4>
- 2016 Keynote speaker at the 'International Conference on Bridging Edu-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
- 2017 Plenary speaker at the The Kiel Science Outreach Campus (KiSOC) summer school, Kiel, Germany, Sept. 5-7, 2017.

Invited talks - In Israel

- 2012 Invited plenary speaker at the National Conference of Science and Technology Middle School Teachers conference
- 2013 Invited speaker at the Israel Internet Association (ISOC-IL) academic track
- 2014 Invited speaker at the TEDx Weizmann Institute
- 2014 Invited speaker at The Israel Young Academy forum on scientists' involvement in formal science education (the "Sal Mada" initiative)
- 2014 Invited speaker at a science communication professional development day for Ministry of Science, Technology and Space management
- 2014 Invited speaker at the new researchers meeting of the Israel Centers of Research Excellence (ICORE), Israel Science Foundation
- 2014 Invited speaker on one day workshop "Social Aspects of Teaching and Research at the Technion."
- 2014 Invited speaker at the forum of the Heads of the Israeli Teachers Centers for Scientific and Technological Education
- 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 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 Zavit environmental news agency training for science writers, The Israeli Association for Ecological and Environmental Research
- 2015 Invited speaker at a Cross-disciplinary Symposium of the National Technology Teachers' Center
- 2015 Invited speaker at the "Communication and Environment" conference, school of sustainability and school of communication, IDC, Herzliya
- 2016 Invited speaker at a key event of a professional development for high rank teachers at the Technion
- 2016 Invited speaker at the annual conference of the Environment and Health Fund
- 2016 Invites speaker at the "connecting people to science" science communication conference, Davidson science education institute, Weizmann Institute of Science
- 2016 A speaker at a Think@Drink public talk "Science, Media and Us"

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>

Panelist - In Israel

- 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.

Workshops - In Israel

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

Papers Presented in International Scientific Conferences (peer reviewed)

1. Baram-Tsabari, A. and Yarden, A., (2004). Text genre as a factor in the formation of scientific literacy. Presented at a talk at the 5th European Researchers in Didactic of Biology conference at Patras (September 21-25, 2004)
2. Baram-Tsabari, A., Sethi, R.J., Bry, L. and Yarden, A., (2005). Students' spontaneous and school-related interests in science and technology. Presented at a talk at the European Science Education Research Association conference at Barcelona (28 August – 1 September, 2005)
3. Yarden, A. and Baram-Tsabari, A., (2006). Interest in biology: A developmental shift characterized using self-generated questions. Presented at a talk at the Sixth Conference of European Researchers in Didactics of Biology at London (11-15 September 2006)

4. Baram-Tsabari, A., & Yarden, A., (2007). Interest in biology: A developmental shift characterized using self-generated questions. Presented at a talk at the National Association for Research in Science Teaching conference at New Orleans. (15 - 18 April 2007)
5. Baram-Tsabari, A. and Yarden, A., (2007). Girls' Biology, Boys' Physics: Evidence from Free-Choice Science-Learning Settings. Presented at a talk at the European Science Education Research Association conference at Malmo (21-25 August 2007)
6. Baram-Tsabari, A. and Yarden, A. (2009). Quantifying the gender gap in science interest. Presented at a talk at the National Association for Research in Science Teaching conference at Garden Grove, CA (17-21 April 2009).
7. Baram-Tsabari, A. and Segev, E. (2009). Just Google it! Exploring new web based tools for identifying public interest in science and pseudoscience. Presented at a talk at the European Science Education Research Association conference at Istanbul (31 August – 3 September, 2009).
8. Hagay, G. and Baram-Tsabari, A. (2009). Using students' questions as a data source for basing formal biology education on students' interests. Presented at a talk at the European Science Education Research Association conference at Istanbul (31 August – 3 September, 2009).
9. Yarden, A. and Baram-Tsabari, A. (2009). Quantifying the gender gap in science interest. Presented at a talk at the European Science Education Research Association conference at Istanbul (31 August – 3 September, 2009).
10. Peleg, R and Baram-Tsabari, A. (2009). Atom Surprise: using science drama to teach basic science. Presented at a talk at the European Science Education Research Association conference at Istanbul (31 August – 3 September, 2009).
11. Baram-Tsabari, A. and Hagay, G., (2009). A Shadow Curriculum: How Would the Biology Syllabus Look if it was Written by Students?. Presented as a video-talk at the 2nd International Seminar on Research on Questioning in University of Aveiro, Portugal (November 18-20, 2009).
12. Baram-Tsabari, A. and Peleg R., Atom Surprise: Science Theater under Investigation. Presented at an interactive poster* session at the National Association for Research in Science Teaching conference in Philadelphia (March 20-24, 2010).
13. Baram-Tsabari, A. and Hagay, G., (2010). A Shadow Curriculum: How Would the Biology Syllabus Look if it was Written by Students?. Presented at a talk at the National Association for Research in Science Teaching conference in Philadelphia (March 20-24, 2010).
14. Baram-Tsabari, A. and Segev, E. (2010). Using existing web-based tools to study trends in innovation information seeking. Presented at a talk at refereed academic track of the 7th conference on Innovation Journalism at Stanford University, California (June 7-9, 2010).
15. Baram-Tsabari, A. (2010). Participant at the early career workshop (29% acceptance rate), International Conference of the Learning Sciences, Chicago, IL (June 28-29, 2010).
16. Baram-Tsabari, A. and Lewenstein, B. (2010). The impact of training on scientists' view of, and skills in science communication. Presented as a talk at the 11th International

Conference on Public Communication of Science & Technology, New Delhi, India (December 6-9, 2010).

17. Peleg, R., & Baram-Tsabari, A. (2011). Evolution on Stage: Teaching Basic Concept in Evolution through Theatre The European Conference on Educational Research 2011 Berlin, Germany. (September, 13-16, 2011)
18. Peleg, R., & Baram-Tsabari, A. (2011). Darwin's journey: the drama of evolution, Oral presentation at ESERA (European Science Education Research Association) Conference, Lyon, France (September 5-9, 2011).
19. Hagay, G., Baram-Tsabari, A., Ametller, J., Cakmakci, G., Lopes, B., Moreira, A., and Pedrosa-de-Jesus, H. (2011). The generalizability of students' interests in biology: The roles of gender, country and religion, Oral presentation at ESERA (European Science Education Research Association) Conference, Lyon, France (September 5-9, 2011).
20. Patel, M. Capps, D., Baram-Tsabari, A. and Crawford, B. (2011). Promoting students' interest in science: inquiry-based instruction and an authentic investigation, Oral presentation at ESERA (European Science Education Research Association) Conference, Lyon, France (September 5-9, 2011).
21. Baram-Tsabari, A. and Laslo, E. (2011). Scientific Literacy in Readers' Comments to Coverage of Animal Experimentation, presented at an interactive poster* session in ESERA (European Science Education Research Association) Conference, Lyon, France (September 5-9, 2011).
22. Baram-Tsabari, A. and Kalir-Meyrav, M. (2011). Unteaching scientific discourse: Scientists learn to speak with the public, presented at an interactive poster* session in ESERA (European Science Education Research Association) Conference, Lyon, France (September 5-9, 2011).
23. Peleg, R., & Baram-Tsabari, A. (2012). Theater as a learning medium: the case of Darwin's Journey. Accepted to a paper session at the AERA (American Educational Research Association) 2012 Annual Meeting, Vancouver, Canada (April 13-17, 2012).
24. Baram-Tsabari, A. and Laslo, E. (2012). The relevance of the science curriculum: Scientific concepts in online public discussion concerning animal experimentation. Accepted as an interactive poster* to NARST (National Association for Research in Science Teaching) 2012 Annual meeting, Indianapolis, Indiana, USA (March 25 – 28).
25. Baram-Tsabari, A., Hagay, G., Ametller, J., Cakmakci, G., Lopes, B., Moreira, A., and Pedrosa-de-Jesus, H. (2012). How Universal is Students' Interest in Biology? Correlation between Interest in Biology, Gender, Culture and Religion. Accepted as an individual talk to NARST (National Association for Research in Science Teaching) 2012 Annual meeting, Indianapolis, Indiana, USA (March 25 – 28).
26. Baram-Tsabari, A., & Peleg, R. (2012). Museum theatre as a learning environment for introducing evolution. Paper presented at the annual meeting of the National Association of Research in Science Teaching (NARST). Indianapolis, IN (March 25-28, 2012).
27. Baram-Tsabari, A., Lewenstein, B., Lohwater, T., Schanne. M., Spurr,C., Fujun, R. and Shunke, S. (2012) Evaluating public communication of science at the individual, workshop and regional level . Accepted as a Panel Session to PCST (Public Communication of Science and Technology) 2012 annual meeting, Florence, Italy (April 25-28).

28. Baram-Tsabari, A., & Peleg, R. (2012). Communicating evolution through theatre: the case of 'Darwin's Journey'. Accepted to a paper session at the Public Communication of Science and Technology (PCST) conference in Florence, Italy (April 18-20).
29. Baram-Tsabari, A. (2012). The Generalizability of Research Findings concerning Interest in Science. AERA-sponsored conference: Interest, Self-Concept of Ability, and K-16 Science and Mathematics Learning. Skype participant (May 7-8).
30. Hagay, G., Baram-Tsabari, A., (2013). Coauthoring the Curriculum: Testing a Strategy for Incorporating Students' Interests into the High-School Biology Classroom. Paper presented at the annual meeting of the National Association of Research in Science Teaching (NARST). Rio Grande, Puerto Rico (April 6-9, 2013). [Nominated for the Outstanding Paper Award].
31. Baram-Tsabari, A., and Segev E. (2013). The half-life of a 'teachable moment': the case of Nobel laureates. Paper presented at the annual meeting of the National Association of Research in Science Teaching (NARST). Rio Grande, Puerto Rico (April 6-9, 2013).
32. Weeks, B., Segev, E., Baram-Tsabari, A., Granka, L., Vogelgesang, J., & Graefe, A. (2013). Aggregate Search Behavior & Communication Research. Panel presented at the annual conference of the International Communication Association (ICA). London, UK (June 17-21, 2013). [36% acceptance rate]
33. Armon, R., and Baram-Tsabari, A., (2013). My Research, Our Findings: Scientists' Stories in Television Interviews. Paper presented at Science in Public 2013 Conference, Nottingham, UK (22-23 July, 2013).
34. Hagay, G., and Baram-Tsabari, A., (2013). Testing a Strategy for Incorporating Students' Interests into the High-School Biology Classroom. Paper presented at ESERA (European Science Education Research Association) Conference. Nicosia, Cyprus (2-7 September, 2013).
35. Laslo, E. and Baram-Tsabari, A., (2013). Nature of science in public discussion of animal experimentation. Paper presented at ESERA (European Science Education Research Association) Conference. Nicosia, Cyprus (2-7 September, 2013).
36. Peleg, R., and Baram-Tsabari, A., (2013). Learning robotics from a theatre play and from an exhibition: Interaction of two informal learning environments. Interactive poster* presented at ESERA (European Science Education Research Association) Conference. Nicosia, Cyprus (2-7 September, 2013).
37. Peleg, R., and Baram-Tsabari, A., (2013). Learning robotics from an educational science theatre play: Comparison of the learning outcomes of a formal and an informal visiting context. Interactive poster* presented at ESERA (European Science Education Research Association) Conference. Nicosia, Cyprus (2-7 September, 2013).
38. Sharon, A, J. and Baram-Tsabari, A., (2013). Measuring Mumbo Jumbo: A preliminary Quantification of the Use of Jargon in Science Communication. Paper presented in the International Association for Educational Assessment 39th Annual Conference, Tel Aviv, Israel (20-25 October, 2013).
39. Baram-Tsabari, A. and Laslo E., (2014). The interaction of scientific literacy and position towards animal experimentation in authentic online public discussions. Individual talk at the annual meeting of the National Association of Research in Science Teaching (NARST). Pittsburgh, PA (March 30-April 2, 2014).

40. Toomey Zimmerman, H., Szu, Evan., Osborne, J., Baram-Tsabari, A., Feinstein, N., and Lewenstein, B. Discussant: Norris, S. (2014). PAC invited session: What might science education learn from science communication research? Invited panel at the annual meeting of the National Association of Research in Science Teaching (NARST). Pittsburgh, PA (March 30-April 2, 2014).
41. Schneider, L.B., Crawford B.A., Baram-Tsabari, A., Capps, D.K., Murray, J., and Zhang, D. (2014). Investigating Student Interest in the Context of Engaging in Authentic Science Practices. Individual talk at the annual meeting of the National Association of Research in Science Teaching (NARST). Pittsburgh, PA (March 30-April 2, 2014).
42. Peleg, R., and Baram-Tsabari, A., (2014). Children's conceptual change in evolution following an educational science theatre play. Presented as an individual talk at the annual meeting of the European Researchers in Didactic of Biology conference (ERIDOB). Haifa, Israel (June 30th – July 4th 2014).
43. Baram-Tsabari, A. and Swirski H., (2015). Comparing Linear vs. Hypermedia Online Learning Environments to Bridge Curricular Requirements and Students' Questions. Individual talk presented at the annual meeting of the National Association of Research in Science Teaching (NARST). Chicago, IL (April 11-14, 2015).
44. Baram-Tsabari, A. and Shauli S., (2015). General and Contextual Science Knowledge among Parents of Hearing Impaired Children. An interactive poster* presented at the annual meeting of the National Association of Research in Science Teaching (NARST). Chicago, IL (April 11-14, 2015).
45. Patrick, P., Gupta, P., Correa, J., Baram-Tsabari, A., Lewenstein, B.V., Rennie, L.J., Howitt, C., Blake, E., Katz, P., and Lederman, J.S. (2015). Informal Science Education: Pedagogy and Epistemology. A symposium presented at the annual meeting of the National Association of Research in Science Teaching (NARST). Chicago, IL (April 11-14, 2015).
46. Baram-Tsabari, A. (2015) Promoting Information Seeking and Questioning in Science. Presented in Interest in Mathematics and Science Learning: A New AERA Publication – Ignite Presentation at the annual meeting of the American Educational Research Association (AERA), Chicago, IL (April 16-20, 2015).
47. Kali, Y., Tabak, I., Ben-Zvi, D., Kidron, A., Amzaleg, M., Baram-Tsabari, A., Barzilai, S., Brami, U., Duek, O., Elias, N., Kent, C., Laslo, E., Levy, K.S., Rafaeli, S., Tal, T., Weiss, P.L., Hoadley, C., Kirschner, P. (2015). Technology-enhanced learning communities on a continuum between ambient to designed: What can we learn by synthesizing multiple research perspectives? A symposium presented at the Computer Supported Collaborative Learning (CSCL) conference, Gothenburg, Sweden (June 7-11, 2015).
48. Swirski, H. and Baram-Tsabari, A. (2015). "Will a Black Hole Eventually Swallow Earth?" 5th-Graders' Interest in Science Questions. Presented as a talk in The European Science Education Research Association Conference (ESERA), Finland (August 31 – September 4, 2015).
49. Baram-Tsabari, A. and Rakedzon, T. (2015). Teaching STEM Graduate Students to Write Science for Academia and for the Public. Presented as a talk in The European Science Education Research Association Conference (ESERA), Finland (August 31 – September 4, 2015).

50. Patrick, P., Yeh, J. H., Reiss, M, Baram-Tsabari, A. and Lewenstein, B. (2015). The symposium Conveying the importance of training informal science educators in The European Science Education Research Association Conference (ESERA), Finland (August 31 – September 4, 2015).
51. Rakedzon, T. and Baram-Tsabari, A. (2016). Writing in STEM in and outside academia. Presented as a talk in the Third International Conference on Academic Writing (IFAW), Tel Aviv, Israel (27-28 June, 2016).
52. Golumbic, Y.N., Baram-Tsabari, A., and Fishbain B. Participation of school students in scientific air-quality research. Presented at the 14th international conference of indoor air quality and climate, Ghent Belgium (July 3-8, 2016).
53. Kahle, K., Sharon, A.J., Baram-Tsabari, A. and Biron, L. (2016). Footprints of Fascination: Digital Traces of Public Engagement with Particle Physics on Social Media. Accepted as a panel at the Public Communication of Science and Technology (PCST) conference in Istanbul (April 17-22). **
54. Orr, D. and Baram-Tsabari, A. (2016). Knowledge deficit or public engagement? Conceptualizing Polio Vaccination debates on Facebook. Accepted as an individual talk at the Public Communication of Science and Technology (PCST) conference in Istanbul (April 17-22). **
55. Barel-Ben David, Y. and Baram-Tsabari, A. (2016). Consolidated vs. fragile science communication culture: a comparison of science coverage of the BBC and Israeli media. Accepted as an individual talk at the Public Communication of Science and Technology (PCST) conference in Istanbul (April 17-22). **
56. Asakly, D., Orr, D., and Baram-Tsabari, A. (2016). Characteristics of an authentic scientific discourse in social networks: The case of drinking water fluoridation. Accepted as an individual talk at the Public Communication of Science and Technology (PCST) conference in Istanbul (April 17-22). **
57. Baram-Tsabari, A. and Lewenstein, B. (2016). What are we trying to teach? A conceptually based approach to science communication training. Accepted as an individual talk at the Public Communication of Science and Technology (PCST) conference in Istanbul (April 17-22). **
58. Shauli, S. and Baram-Tsabari, A. (2016). Interactions between science knowledge and for better advocacy skills among parents of hearing- impaired children. Accepted as an individual talk at the Public Communication of Science and Technology (PCST) conference in Istanbul (April 17-22). **
59. Reiss, N. Baram-Tsabari, A., and Peters, H.P. (2016). Scientists' attitudes in consolidated and fragile science communication cultures. Accepted as an individual talk at the Public Communication of Science and Technology (PCST) conference in Istanbul (April 17-22). **
60. Rodder, S., Lewenstein, B., Golumbic, Y.N., Baram-Tsabari, A. and Haines-Stiles, G. (2016). Citizen Science in a Global Perspective. Accepted as a panel to the Public Communication of Science and Technology (PCST) conference in Istanbul (April 17-22). **
61. Golumbic Y.N., Baram-Tsabari, A., and Fishbain, B. (2016) Increased knowledge and scientific thinking following participation of school students in air-quality research.

- Presented at Indoor Air Quality and Climate conference (ISIAQ), Ghent, Belgium (July 3-8 2016).
62. Golumbic, Y.N., Baram-Tsabari, A. and Fishbain, B. (2016). Empowering citizens by applying a user-centered design for constructing a citizen science presentation platform. Presented as a lecture at the 1st European Citizen Science Association (ECSA) conference. Berlin, Germany (19-21, May).
 63. Rakedzon, R., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. (2017). Different audiences, different writing: Improving genre in popular science and academic writing among graduate STEM students. Presented at Metadiscourse Across Genres (MAG 2017), METU, Northern Cyprus (March 30-April 1).
 64. Sagy, O., Baram-Tsabari, A., Ben-Zvi, D., Kali, Y., Ballard, H., L.... Zimmerman, T., D., (2017) The ecology of citizen science: An opportunity for learning. Accepted as Structured poster session to American Educational Research Association (AERA) 2017 Annual Meeting, San Annonio, TX (April 27-May 1).
 65. Baram-Tsabari, A. and Lewenstein, B. (2017). Science Communication Training for Graduate Students: Building a Framework to Classify Learning Outcomes. Accepted as a roundtable to American Educational Research Association (AERA) 2017 Annual Meeting, San Annonio, TX (April 27-May 1).
 66. Baram-Tsabari, A. and Shauli, S. (2017). Knowledge to Action: Interactions between Science Knowledge and Advocacy Skills among Parents of Hearing-Impaired Children. Accepted as a roundtable to American Educational Research Association (AERA) 2017 Annual Meeting, San Annonio, TX (April 27-May 1).
 67. Baram-Tsabari, A., Rakedzon, R., Segev, E., Chapnik, N., Yosef, R. (2017). Automatic jargon identifier for scientists engaging with the public and for science communication educators. Presented as an individual talk at the annual meeting of the National Association of Research in Science Teaching (NARST). San Antonio, TX (April 22 – 25).
 68. Baram-Tsabari, A., Swirski, H. and Yarde, A. (2017). Does Interest Have an Expiration Date? Stability of Students' Questions as Resource for Context-based Learning. Presented as an individual talk at the annual meeting of the National Association of Research in Science Teaching (NARST). San Antonio, TX (April 22 – 25).
 69. Baram-Tsabari, A., Lewenstein, B., Lohwater, T., Dudo, A. and Storksdieck, M. (2017). Science communication education for STEM professionals: Teaching scientists to communicate with non-expert audiences. Presented as a Symposium at the annual meeting of the National Association of Research in Science Teaching (NARST). San Antonio, TX (April 22 – 25).
 70. Sharon, A. J., and Baram-Tsabari, A. (2017). Drawing Water from Wells: Science Literacy, Epistemic Trust and Open-Mindedness. To be presented as an oral presentation a in The European Science Education Research Association Conference (ESERA), Dublin, Ireland (21 – 25 August 2017).
 71. Baram-Tsabari, Shauli, S., A., Murphy, P., Cakmakci, G, Ginosar, A and Tal, T. (2017). Bridging Science Education and Science Communication: Research, Practice and Collaboration. To be presented as a Symposium in The European Science Education Research Association Conference (ESERA), Dublin, Ireland (21 – 25 August 2017).
 72. Swirski, H. and Baram-Tsabari, A. (2017, August). Why can't I fly? FAQ reveal common interests in science across gender. Paper to be presented as a poster at the 12th Conference of the European Science Education Research Association (ESERA), Dublin, Ireland.

73. Swirski, H. and Baram-Tsabari, A. (2017, August). Science questions for all. Paper to be presented at the 12th Conference of the European Science Education Research Association (ESERA), Dublin, Ireland.

*interactive poster sessions at NARST and ESERA (papers # 12,21,22,24,36,37,44): A format of 10-12 posters grouped by theme. Each author provides a brief oral overview of their poster to the entire audience, after which participants browse among the posters.

**video presentation in absentia for security reasons

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

1. Baram-Tsabari, A. (2008). What do students want to know about science? Using students' questions on the internet to identify their scientific interests. Presented at a talk at the Netvision Institute for Internet Studies for web-researchers doctoral students conference in Tel Aviv, (27 May 2008)
2. Baram-Tsabari, A. and Segev, E. (2009). Just Google it! Exploring new web based tools for identifying public interest in science and pseudoscience. Presented at a talk at the Chaise conference on Instructional Technologies Research at The Open University of Israel Campus, Raanana (18 Feb 2009).
3. Peleg, R., Tamir, R., & Baram-Tsabari, A. (2010). Atom Surprise - science play under investigation. Presented at a talk at the Fourth Israeli Interdisciplinary Conference of Qualitative Research. Beer-Sheva, Israel (17-18 February, 2010).
4. Laslo, E. and Baram Tsabari, A. (2012) Qualitative examination of public engagement in scientific related discourses in the Talkback system. The 5th Israeli Conference of Qualitative Research, The Israeli center for qualitative research of people and societies, Ben-Gurion University of the Negev, Beer Sheva, Israel. (February 6-7, 2012).
5. Laslo, E. and Baram-Tsabari, A., (2010). Bioethics on the Israeli Media: A Case Study of Public Engagement in Science. Presented at a talk at the UNESCO Chair in Bioethics International Conference on Bioethics Education: Contents, Methods, Trends, Zefat, Israel (May 5-6, 2010).
6. Laslo, E. and Baram-Tsabari, A., (2010). Bioethics on the Israeli Media: The Role of Higher Education in Public Engagement in Science. Presented at a talk at the 8th Annual MEITAL National Conference: e-learning in higher education, Open University, Ra'anana, Israel (June 30, 2010).
7. Laslo, E, Lewenstein, B.V. and Baram-Tsabari, A., (2011). Framing and Re-framing: Surfers Comments as a Growth Medium for Bioethical Ideas. Presented at a talk at the Israel Communication Association 15 Conference. Haifa University, Israel. (April 14, 2011).
8. Laslo, E. and Baram Tsabari A. (2011) Scientific literacy in public discourse at news sites: Animal experimentation at the Israeli online media. A talk to The 3rd Israeli Science Communication Conference in Jerusalem, Israel (June 16, 2011).
9. Peleg, R., & Baram-Tsabari, A. (2011). Acting Science: Science in theatre for young people, Art, Science and Technology: Interaction between Three Cultures Carmiel, Israel. (June 1-2, 2011).

10. Peleg, R., & Baram-Tsabari, A. (2011). Drama in the science classroom: theatrical tools for teachers, Art, Science and Technology: Interaction between Three Cultures Carmiel, Israel. (June 1-2, 2011).
11. Sharon A.J. and Baram-Tsabari, A. (2012). Measuring mumbo-jumbo: A jargon index for evaluating clarity in science communication. Paper presented as a talk in The 4th Israeli Science Communication Conference in Haifa, Israel (June 5-6).
12. Armon, R. and Baram-Tsabari, A. (2012). Attending to the scientist's voice – The scientific interview in current affairs programs Paper presented as a talk in The 4th Israeli Science Communication Conference in Haifa, Israel (June 5-6).
13. Kalir-Meyrav, M. and Baram-Tsabari, A. (2012). Un-teaching scientific discourse: Science students learn to speak with the public. Paper presented as a talk in The 4th Israeli Science Communication Conference in Haifa, Israel (June 5-6)
14. Sharon A.J. and Baram-Tsabari, A. (2013). Measuring mumbo-jumbo: A jargon index for evaluating clarity in science communication. Presented as a talk in The 8th annual Chais Conference on Instructional Technologies Research Learning in the Technological Era in Raanana, Israel (19-20 Feb).
15. Baram-Tsabari, A., and Segev E. (2013). The half-life of a 'teachable moment': the case of Nobel laureates. Presented as a talk in The 8th annual Chais Conference on Instructional Technologies Research Learning in the Technological Era in Raanana, Israel (19-20 Feb).
16. Laslo, E. and Baram Tsabari A. (2013). Analysis of scientific literacy in reader comments to the coverage of animal experimentation in the Hebrew online media. Presented as a talk in The 8th annual Chais Conference on Instructional Technologies Research Learning in the Technological Era in Raanana, Israel (19-20 Feb).
17. Rakedzon, T. and Baram-Tsabari, A. (2013). Teaching and assessment of communication skills of science and engineering graduate students in popular science texts. Paper presented as a talk in The 5th Israeli Science Communication Conference in Tel Aviv, Israel (November, 3-4).
18. Laslo, E. and Baram-Tsabari, A. (2013). Positions and scientific knowledge as expressed in reader comments to climate change online news. Paper presented as a talk in The 5th Israeli Science Communication Conference in Tel Aviv, Israel (November, 3-4).
19. Sharon, Aviv. Segev, E. and Baram-Tsabari, A. (2013). Temporal patterns of scientific information-seeking on Google and Wikipedia. Paper presented as a talk in The 5th Israeli Science Communication Conference in Tel Aviv, Israel (November, 3-4).
20. Barel, Y. and Baram-Tsabari, A. (2013). Evidenced based science communication policy. Paper presented as a talk in The 5th Israeli Science Communication Conference in Tel Aviv, Israel (November, 3-4).
21. Baram Tsabari A., Segev E, and Sharon A. (2014). Temporal Patterns of Scientific Information-Seeking on Google and Wikipedia. Presented as a talk in The 9th annual Chais Conference on Instructional Technologies Research Learning in the Technological Era in Raanana, Israel (11-12 Feb).
22. Swirski, H. and Baram Tsabari A. (2014). An online learning environment as a tool for fifth graders to bridge the gap between the science curriculum and student questions.

- Presented as a talk in The 9th annual Chais Conference on Instructional Technologies Research Learning in the Technological Era in Raanana, Israel (11-12 Feb). [Won the Best Student Paper Award]
23. Kalir-Meyrav, M. and Baram-Tsabari, A. (2014). Using science education know-how to inform science communication teaching: Characterizing and evaluating students' skills and perceptions in a science communication course. Presented as a talk in 12th Annual MEITAL National Conference, The Levinsky College of Education (July 2).
 24. Rakedzon, T. and Baram-Tsabari, A. (2014). Written science communication as an art. The 2nd International Conference: Science, Technology and Art Relations – STAR at the Technion, Haifa, Israel, (November 19-20).
 25. Laslo, E. and Baram-Tsabari, A. (2015). Scientific and Ethical Literacy in Authentic Public Comments in Online Climate Change News Coverage. Presented as a talk in The 10th annual Chais Conference on Instructional Technologies Research Learning in the Technological Era in Raanana, Israel (Feb 10-11). [Shortlisted for the Best Student Paper Award]
 26. Swirski, H. and Baram-Tsabari, A. (2015). “Will a Black Hole Eventually Swallow Earth”? Fifth Grades' interest in Questions from Textbook, Open Network Resource and Other Students' Questions. Presented as a talk in The 10th annual Chais Conference on Instructional Technologies Research Learning in the Technological Era in Raanana, Israel (Feb 10-11). [Shortlisted for the Best Student Paper Award]
 27. Barel, Y. and Baram-Tsabari, A. (2015). Characteristics of Science News Coverage in Israel. Paper presented as a talk in the 19th conference of the Israel Communication Association, The Open University, Ra'anana (April 1).
 28. Reis, N., Baram-Tsabari, A., and Peters, H-P. (2015). “No Partner”: Study results, scientists positions about reciprocation between the media and scientists, scientists and the public. Israel 2015. Paper presented as a talk in the 6th Israeli Science Communication Conference, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot (June 24-25).
 29. Orr, D. and Baram-Tsabari, A. (2015). Knowledge deficit or public engagement? Conceptualizing Polio vaccination debates on Facebook. Paper presented as a talk in the 6th Israeli Science Communication Conference, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot (June 24-25).
 30. Barel, Y. and Baram-Tsabari, A. (2015). Characteristics of Science in the Israeli Media. Paper presented as a talk in the 6th Israeli Science Communication Conference, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot (June 24-25).
 31. Rakedzon, T. and Baram-Tsabari, A. (2015). Teaching Science and Technology Graduate Students to Write Science for Academia and for the Public. Paper presented as a talk in the 6th Israeli Science Communication Conference, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot (June 24-25).
 32. Kahle, K., Sharon, A.J. and Baram-Tsabari, A. (2015). A Quantitative Analysis of Public Engagement with Science on CERN's Social Media Platforms. Paper presented as a talk in the 6th Israeli Science Communication Conference, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot (June 24-25).

33. Laslo, E. and Baram-Tsabari, A. (2015). Bioethics on the Israeli New Media: a Case Study of Public Engagement with Science. Paper presented as a talk in the 6th Israeli Science Communication Conference, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot (June 24-25).
34. Golumbic, Y., Orr, D., Baram-Tsabari, A. and Fishbain, B. (2015). Scientists' Views towards Public Participation in Scientific Research. Paper presented as a talk in the 6th Israeli Science Communication Conference, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot (June 24-25).
35. Asakala, D., Orr, D., and Baram-Tsabari, A. (2015). Characteristics of authentic scientific discourse in social networks: The case of drinking water fluoridation. Paper presented as a talk in the 6th Israeli Science Communication Conference, Davidson Institute of Science Education, Weizmann Institute of Science, Rehovot (June 24-25).
36. Golumbic, YN., Baram-Tsabari, A., and Fishbain B. (2015). Participation of schools in scientific air quality research. Presented at the Annual Science and Environment conference, Hebrew University, Jerusalem, Israel, (October 12-14).
37. Kahle, K., Sharon A. J., and Baram-Tsabari, A. (2016). Footprints of Fascination: Digital Traces of Public Engagement with Particle Physics on CERN's Social Media Platforms. Paper presented as an individual talk at the 11th Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel (February 10-11) . [shortlist for best student paper award].
38. Asakly, D., Orr, D. and Baram-Tsabari, A. (2016). Characteristics of an authentic Scientific discourse in the Social media: The case of drinking water fluoridation. Paper presented as an individual talk at the 11th Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel (February 10-11).
39. Rakedzon, T. and Baram-Tsabari, A. (2016). Genre assessment of scientific writing in and outside academia. Paper presented as an individual talk at the H-INET (Higher education in Israel network of English teachers) conference, Tel Aviv University, Israel (Feb. 8-9, 2016).
40. Golumbic, Y.N., Sagy, O., Baram-Tsabari, A., & Fishbain B. (2016) Science from the bottom up: Action research for promoting public engagement with science. Presented in the Mundi Lab 2016 conference, Action Research – Participation, Public Sphere and Communities. Technion, Israel (November 29th)
41. Rakedzon, T, Segev, E. and Baram-Tsabari, A. (2017). An automated jargon identification program: evaluating STEM students' use of jargon in written scientific genres. Presented as an individual talk at the 12th Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel (February 14-15). [shortlist for best student paper award].
42. Barel-Ben David, Y., Garty, E., Baram-Tsabari, A. (2017). Is Science Inherently Boring? A Comparison of Science and general Items on 'Mako' News Site. Presented as an individual talk at the 12th Chais Conference for the Study of Innovation and Learning Technologies: Learning in the Technological Era, Ra'anana, Israel (February 14-15)
43. Barel-Ben David, Y., Garty E. and Baram-Tsabari, A. (2017). Is Science Inherently Boring? A Comparison of Science and general Items on 'Mako' & 'Ynet' News Site. Paper presented as a talk at the 21th conference of the Israel Communication Association, Sapir College, Sderot, Israel (April 4)

44. Golumbic, Y.N., Fishbain B. & Baram-Tsabari, A. (2017) Why and How should we facilitate scientific information to the public. Annual Science and Environment conference, Interdisciplinary Center Herzliya, Israel, (July 10-11).

Participation in Organizing Academic Conferences - International

- 2013 Member of the scientific committee of the **IOSTE Eurasia Regional Symposium** and Brokerage Event Horizon 2020-EU Framework Programme for Research and Innovation, 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

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.
- 2015-6 Member of the program committee of the **11th annual Chais Conference** on Instructional Technologies Research Learning in the Technological Era, Open University Campus in Raanana, Israel, Feb, 2016.
- 2016-7 Member of the program committee of the **12th annual Chais Conference** on Instructional Technologies Research Learning in the Technological Era, Open University Campus in Raanana, Israel, Feb, 2017.
- 2017-8 Member of the program committee of the **13th annual Chais Conference** on Instructional Technologies Research Learning in the Technological Era, Open University Campus in Raanana, Israel, Feb, 2018.

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-present Organizing the **annual Biology Teachers' Conference at the Technion**
- 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.

