

R E S U M E

July 2026

1. PERSONAL DETAILS

Full Name: **Tzipora Rakedzon**

Place of birth: USA

Phone numbers: 0503929232

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ORCID iD: <https://orcid.org/0000-0002-6288-6949>

2. ACADEMIC DEGREES

- 2013- 2017 Technion- Israel Institute of Technology**
Ph.D. Science Communication
Department of Education in Science and Technology
Dissertation: "Teaching and Assessing STEM Graduate Students' Academic and Popular Science Writing"
Advisor: Prof. Ayelet Baram-Tsabari
- 2001- 2005 Haifa University, Haifa, Israel**
M.A. in Linguistics
Department of English Literature and Language
Thesis: "Ambiguity resolution and hemispheric specialization in deaf and hearing readers of Hebrew: the roles of phonology, orthography, and meaning frequency"
Advisors: Prof. Wendy Sandler; Prof. Zohar Eviatar
Thesis grade: 91
- 1997- 1999 The Gordon College for Teachers, Haifa, Israel**
Teaching Certification
- 1994- 1997 Haifa University, Haifa, Israel**
Bachelor of Arts in Linguistics and Fine Arts
Department of English Literature and Language
Department of Fine Arts

3. ACADEMIC APPOINTMENTS

Department of Humanities and Arts

Technion- Israel Institute of Technology, Haifa, Israel:

- **1.7.22 Senior lecturer, tenured** מרצה בכיר
- **3.9.18 Senior Teaching Fellow and Tenure** עמית הוראה בכיר וקביעות
- **1.8.15 Teaching fellow** מינוי של עמית הוראה בתקן
- **1.10.2010 Teaching** מינוי של מורה בתקן
- **01.11.2002 Started working as a part-time lecturer at the Technion**

4. PROFESSIONAL EXPERIENCE (outside academia)

- 2021** **Book editor:** 'Yoga in Nature and Natural Props for Yoga' by Eyal Shifroni and Ohad Nachtomy
- 2006 – 2009** **Freelance editor and proofreader**
Private companies in Israel

5. RESEARCH INTERESTS

Science Communication and Academic Writing in STEM:

- Science Communication & Popular Science Writing
- Academic Writing & Writing Pedagogy
- STEM Education & Soft Skills Development
- Linguistics & Discourse Analysis
- Educational Technology & AI in Writing Instruction

6. TEACHING EXPERIENCE

- 2025-current** **Academic writing for PhD students** (Newly revised course (אישור ועדת הקבע)
Academic writing for MSc students (Newly revised course (אישור ועדת הקבע)
Main Lecturer
Lecturer in charge; design and supervision of the course
For graduate students
Department of Humanities and Arts, Technion

- 2009-current **Academic writing for PhD students (updated course)**
Main Lecturer
Lecturer in charge; design and supervision of the course
For graduate students
Department of Humanities and Arts, Technion
- 2019-2022 **Academic writing for MSc students (new course)**
Lecturer in charge; design and supervision of the course
For graduate students
Department of Humanities and Arts, Technion
- 2021-2022 **Scientific Communication (new course)**
Lecturer in charge; design and supervision of the course
For graduate students
Department of Humanities and Arts, Technion
- 2020-2022 **Academic Writing for Graduate students (new course GTIIT)**
Former lecturer
Lecturer in charge; design and supervision of the course
For graduate students
Guangdong Technion Israel Institute of Technology (GTIIT)
- Summer 2018/19 **Technical & Scientific Communication (new course)**
Main Lecturer
Lecturer in charge; design and supervision of the course
For undergraduate students
Guangdong Technion Israel Institute of Technology (GTIIT)
- Summer 2017 **Lecturer of Scientific English**
Lecturer
For undergraduate students
Guangdong Technion Israel Institute of Technology (GTIIT)
- 2002 – 2010 **Technical English lecturer (Mitkadmim B)**
Lecturer
For undergraduate students
Department of Humanities and Arts, Technion
Received the "Excellent lecturer" award for outstanding teaching

7. TECHNION ACTIVITIES

2022-2025 Member of the board of the Technion Sports Complex

2026-current לכהן כשופטת בבית הדין למשמעת בבית הדין לערעורים של הסגל האקדמי

8. DEPARTMENTAL ACTIVITIES

1/2022 – 9/2025 Associate Head of the Department of Humanities and Arts, Technion

- Oversee all academic teaching programs, including foreign languages, English, Hebrew, general humanities courses, core courses, art/music and physical education.
- Lead faculty interviewing, hiring, and firing processes.
- Chair of the Teaching Committee – monthly meetings during each semester, overseeing the development of new courses and preparation for the UG and Graduate committee processes
- Chair of the Department Council - monthly meetings during each semester to update council members and discuss current issues in the department
- Supervise and manage the department's administrative staff to ensure smooth operations.
- Co-led the redesign of the core program in collaboration with the Dean
- Initiated and established new programs, including the Writing Center and our building renovation project, to improve research, working, and learning spaces.
- Actively participate in overseeing all departmental programs, including Artist-in-Residence and Embedded Ethics

2008- current Academic head of the Academic Writing Program and courses, Technion

- Leading the academic writing program, overseeing curriculum design, staff coordination, and program evaluation
- Designing and updating academic writing courses and curriculum, ensuring alignment with institutional needs and international standards
- Mentoring and training faculty on best practices in teaching academic writing, integrating innovative pedagogical approaches
- Developing assessment tools for evaluating student writing skills and program effectiveness

2021- current Academic Head of the Writing Center, Technion (new program)

- **Established and managed the first Writing Center to provide academic writing support for students and faculty**
- Overseeing pedagogical direction and quality of 1:1 writing support, ensuring instruction aligns with best practices in academic writing and communication for diverse genres (papers, presentations, proposals, etc.).
- In charge of design and funding, as well as recruitment and training of lecturers
- Researching academic writing and writing center pedagogy
- Leading program development and growth to diverse populations at the Technion - including graduate students from all faculties, reservists from all degrees, and special needs undergraduate students

2019- 2022 Academic head of the English Program and courses

Guangdong Technion Israel Institute of Technology, GTIIT

- Led the development and implementation of a new English program tailored to a local STEM-focused academic environment.
- Designed and structured English courses to support students' academic, professional, and technical communication skills, addressing linguistic challenges in an English-medium instruction (EMI) setting
- Hired, trained, and mentored English faculty, ensuring high-quality instruction and alignment with institutional goals.
- Established academic writing courses to support academic and professional communication.

2022-2025 Chair & member of the Department Council מועצה Committee

2022-2025 Chair & member of the Department Teaching Committee

2022-2025 Member of the Department Graduate School committee

2019 Member of the English Teaching Reform Committee

- Participation in higher education meetings as a representative of the department: by the malag 17.12.19 החלטת מלג מיום- ההחלטות ובין לאומיות- אנגלית למטרות אקדמיות
- Active member of the discussion committee for writing centers across Israeli universities beginning 21.11.19 for מרכזי כתיבה (ור"ה) - הזמנה פורום הרקטורים

2019 Organizing committee member for the Communication conference at the Department of Humanities, Technion May 30, 2019

9. PUBLIC PROFESSIONAL ACTIVITIES

Active and repeat reviewer for the research articles in the following peer-reviewed journals:

- 2026 reviews:
 - 5.26 Frontiers in Education
 - 4.26 The Howard Journal of Communication
- 2025 reviews:
 - 2.25 IEEE Procomm conference review
 - 3.25 International Journal of Intercultural Relations
 - 5.2025 Journal of Medical Internet Research
- 2024 reviews:
 - 7.24 Frontiers
 - 7.24 Journal of academic writing JOAW
 - 7.24 Research in Science Education RISE
- 2023 reviews:
 - 1.2023 Procomm IEEE conference reviewer
 - 1.2023 The Australasian Journal of Engineering Education
- The Journal of English for Purposes of International Communication: 11/22
 - member of the editorial committee <https://h-inet.org/jepic/jepic-editors/>
- FACETs 1/2017; 7/2017
- Research in science education (RISE) 10/2015, 6/2016, 7/2017, 9/2017, 1/2018, 1/2018b, 2/2018, 3/2018, 10/2018, 1/2019, 2/2020, 2/2022, 6/2022, 2/2023
- International Journal of Science Education 9/2014, 2015, 5/2016, 11/2018, 10/2021, 10/2022, 2/2023
- English for Specific Purposes 1/2018
- Journal of Research Science in Teaching 9/2019
- PLOsOne 8/2019, 2/2020, 3/2020
- International Journal of Science Education – 10/2021; 10/22

10. MEMBERSHIP IN PROFESSIONAL SOCIETIES

2023-current Associate Partner and lecturer of [IMPACT](#) (Inter-Mediterranean Peace and Collaboration); lecturer in virtual exchange courses – online courses in academic communication

2015-current Member of [IFAW](#) Israeli Forum for Academic Writing

Member of [EATAW](#) European Association for the Teaching of Academic Writing

Member of [H-INET](#) - Higher education in Israel network of English teachers

2013-2017 **LINKS** - Learning in a Networked Society (LINKS): Co-creation of Knowledge in Technology-Enhanced Communities of Learning, part of **I-CORE** (Israel Center of Research Excellence)

11. AWARDS AND HONORS

2025 Nomination by the Department of Humanities & Arts for מועמד לפרס הצטיינות אקדמית לשנת תשפ"ה

2025 חורף סמסטר תשפ"ה לשנת בהוראה הצטיינות על לשבח ציון:

12. GRADUATE STUDENTS

PhD theses in progress

1 Shallom Lumor, PhD student, started 11.2023

Proposal Title: The Goals, Experiences, and Challenges of Engaging in Academic Communication on Social Media: The Case of West African Female Academics
Primary supervisor -Tzipora Rakedzon

- [CADASE](#) Graduate Student Travel **Scholarship** to attend [NARST 2026](#)

2 Ilana Shlomov PhD student; started 10.2024

Proposal title: From Strategy to Support: Developing and Investigating AI-Based Academic Writing Platforms for Multilingual, Multicultural, and Cognitively Diverse STEM Students

Primary supervisor -Tzipora Rakedzon

- **Scholarship** to present at Swiss National Science Foundation (SNSF) Workshop: Re-Imaging Intellectual Development: Epistemic Skills for Human-AI Interaction, October 2025, Zurich, Switzerland
- Chosen by the department to present her **research poster at the Jacobs graduate research day** [יום המחקר הטכניוני ע"ש ג'ייקובס] on July 1, 2026

3 Adam Assad PhD student; started 4/2026

Proposal title: English Medium Instruction in Higher Education, between Policy Practice and Multilingual Realities in Israel

Primary supervisor - Tzipora Rakedzon

- **Nominated** from the department/Technion for the VATAT Scholarship Program for Outstanding PhD Students from diverse populations and from the social-economic periphery for 2026-2027

4 Peng (Patrick) Zhang; exploratory research proceeding PhD track; starting date 7.2026

Exploratory research title: Authorship and Voice in the Age of AI: Voice Construction Beyond Textual Markers in AI-Assisted L2 Writing and Writing Pedagogies

Primary supervisor - Tzipora Rakedzon

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

1 Dr Amani Jabar

Academic long-term visitor

Topic: Between Inclusion and Diversity: Teachers' and Students' Multilingual Engagement with AI in Israeli Schools

Primary supervisor: Tzipora Rakedzon

2 Dr Caterina Scaccia

Postdoctoral fellow

10.2023- 10.2025

Topic: Humor in scientific writing: the case of quantum mechanics

Primary supervisor -Tzipora Rakedzon

Co-supervisor - Dustin Lazarovi

3 Dr Xinyi Zhang

Postdoctoral fellow

1.1.2025 – 1.1.27

Topic: AI implementation in young children's second/foreign language learning

Primary supervisors: Tzipora Rakedzon & Avital Binah Pollak

4 Dr Laila Haddad

Postdoctoral fellow

1.8.25-1.6.26

Topic: The Impact of Corrective Feedback and Critical Thinking AI Chatbots on Academic Writing among Hebrew and Arabic Speaking Graduate Students

Primary supervisor: Tzipora Rakedzon

5 Associate Professor Andrey Druzhinin

Long-term research visitor

1/9/23-1/9-2024

Topic: the philosophy of language and cancel culture

From the English Department, Faculty of International Journalism

Moscow State Institution of International Relations - Moscow, Russia

14. RESEARCH GRANTS

Submitted and pending:

ISF - submitted 11.2025

[MERC](#) 1.2025 – on hold by USAID

Submitted since 2022 (did not win):

ISF 10.2022

Spencer Education grant – 9.2025

MOE grant – 10.2025

Humanities and Artificial Intelligence Virtual Institute ([HAVI](#)) grant 3.2026

****Technion grants**

2026 Center for the Promotion of Learning and Teaching – individual 50,000 NIS AI in research grant titled, **“From AI Assistant to Research Infrastructure: Scalable Systems for Academic Writing Optimization.”**

2026 Center for the Promotion of Learning and Teaching - AI in teaching grant **“The Importance of Literacy in the AI Era.”** Dr. Orit Rabkin, Dr. Avital Binah-Polak & Dr. Tzipora Rakedzon

2023-2024- International school grant – 100,000 NIS for directing the writing café / writing center projects

2022-2023– International school grant – 100,000 NIS for establishing and directing the writing café / writing center projects

2020 Winner of \$30,000 grant to implement and research a Higher-education Teaching Reform Project at the provincial level by the Guangdong Education Department, **Guangdong Technion Israel Institute of Technology (GTIIT)**. Project name: “Nobel Questions” –Teaching Development Orientated by Student Asking Questions”

2020 – International school grant – 100,000 NIS

- The writing café workshop series
- Developed the communication course 328052 for overseas and Israeli for graduate students
- Online prerecorded units in English to be used in the following courses: Scientific and Professional Communication – Technion; Cross-cultural communication – GTIIT; Politics of Identity – Technion
- Organized and supervised the translation of the upcoming humanities website

2013- LINKS – PhD research under Prof Ayelet Baram-Tsabari, 10,000NIS

15. PUBLICATIONS

15.1 Theses

Master's Thesis:

Rakedzon, T. (2005). *Ambiguity Resolution and Hemispheric Specialization in Deaf and Hearing Readers of Hebrew: The Roles of Phonology, Orthography and Meaning Frequency*. University of Haifa, Faculty of Humanities, Department of English Language and Literature.

Doctoral dissertation:

Rakedzon, T. (2017). *Teaching and Assessing STEM Graduate Students' Academic and Popular Science Writing*. Faculty of Education in Science and Technology. Technion-Israel Institute of Technology, Haifa, Israel.

Refereed papers in professional journals

Rakedzon, T., Segev, E., Chapnik, N., Yosef, R., & Baram-Tsabari, A. (2017). Automatic jargon identifier for scientists engaging with the public and science communication educators. *PloS one*, 12(8), e0181742.
<https://doi.org/10.1371/journal.pone.0181742>

Rakedzon, T. & Baram-Tsabari, A. (2017) To make a long story short: A rubric for assessing graduate written science communication. *Assessing Writing*, 32, 28-42.
<https://doi.org/10.1016/j.asw.2016.12.004>

Rakedzon, T. & Baram-Tsabari, A. (2017) Assessing and improving L2 graduate students' popular science and academic writing in an academic writing course. *Educational Psychology*. 37(1), 48-66. <https://doi.org/10.1080/01443410.2016.1192108>

Rakedzon, T. (2021) Teaching writing online: technology means more writing, more interactivity. *Journal of Learning Development in Higher Education*, (22).

Van Horne C. & **Rakedzon T.** (2024) Teamwork Made in China: Soft Skill Development with a Side of Friendship in the STEM Classroom. *Education Sciences*.; 14(3):248.
<https://doi.org/10.3390/educsci14030248>

Druzhinin A. S. & **Rakedzon T.** (2024) Why language kills: Semantic patterns of (self-) destruction. *Constructivist Foundations*. 19(2): 113–126.
<https://constructivist.info/19/2/113.druzhinin>

Rakedzon, T., & Rabkin, O. (2024). Communicative Awareness is the Key: Using The Rhetorical Triangle for Improving STEM Graduate Academic Writing. *Journal of Academic Writing*, 14(1), 43-53.

Druzhinin, A. S., & **Rakedzon, T.** (2024). Cancel Culture in the Flesh: An Ecolinguistic View. *Constructivist Foundations*, 19(3), 205-215.

Rakedzon, T., Hazzan, O. (May, 2025) "Beyond Logic - Developing Pathos and Ethos in STEM Undergraduate Communication." *IEEE Transactions on Professional Communication*. DOI: [10.1109/TPC.2025.3562716](https://doi.org/10.1109/TPC.2025.3562716)

Hendriks, Friederike; Yael Barel-Ben David; Fick, Julian; Banse, Lennart; Greussing, Esther; Inbal Klein-Avraham; **Tzipora Rakedzon**; Taddicken, Monika Taddicken; Ayelet Baram-Tsabari (2025). "Generative AI in Science Communication: Fostering Scientists' Good Working Habits for Ethical and Effective Use" *Science Communication*. <https://doi.org/10.1177/10755470251343486>

Scaccia, C., Lazarovici, D., & **Rakedzon, T.** (2026). The persuasive function of humor in scientific discourse: the case study of "Against 'Measurement'" by JS Bell. *Humor: International Journal of Humor Research*. <https://doi.org/10.1515/humor-2024-0116>

Chapters in books

Rakedzon, T. (2019). The challenges of writing science: Tools for teaching and assessing written science communication. In Theory and best practices in science communication training (pp. 90-103). Routledge. <https://www.taylorfrancis.com/chapters/edit/10.4324/9781351069366-7/challenges-writing-science-tzipora-rakedzon>

Rabkin, O., & **Rakedzon, T.** (2023). Jargon and Audience Awareness: Improving Science Writing Using the De-Jargonizer and Readability Scores. In Teaching Science Students to Communicate: A Practical Guide (pp. 165-171). Cham: Springer International Publishing. https://link.springer.com/chapter/10.1007/978-3-030-91628-2_19

Refereed papers in conference proceedings

Rakedzon, T. & Van Horne, C. (2021) "Don't Stop Questioning: Developing Curiosity in Engineering Students in China Through Project Based Learning". 14th Annual International Conference of Education, Research and Innovation. DOI: [10.21125/iceri.2021.0840](https://doi.org/10.21125/iceri.2021.0840)

Rakedzon, O. Rabkin and S. Lurie, (2021). "Café and support: Overcoming writer's isolation during COVID-19 and beyond," 2021 IEEE International Professional Communication Conference (ProComm), Pittsburgh, PA, USA, pp. 83-84, DOI: [10.1109/ProComm52174.2021.00021](https://doi.org/10.1109/ProComm52174.2021.00021)

Van Horne and **T. Rakedzon,** (2022) "Collaboration, Communication, Curiosity and Critical Thinking: the 4 Cs of Developing Teamwork in Chinese STEM Students," IEEE International Professional Communication Conference (ProComm), Limerick, Ireland, pp. 81-83, DOI: [10.1109/ProComm53155.2022.00018](https://doi.org/10.1109/ProComm53155.2022.00018)

Rakedzon and O. Rabkin, (2023). "From 0 to 100 since Covid: how reform in the English program and humanities department in a STEM university sparked a writing center culture," 2023 IEEE International Professional Communication Conference (ProComm), Ithaca, NY, USA, pp. 84-87, DOI: [10.1109/ProComm57838.2023.00017](https://doi.org/10.1109/ProComm57838.2023.00017)

Rakedzon, T., Segev, E., Baram-Tsabari, A., Yosef, R. (2024) "The Impact of Interactive AI Feedback on STEM Students' Writing of Lay Research Summaries." IEEE International Professional Communication Conference (ProComm), Pittsburgh, PA, USA. July 2024. DOI: [10.1109/ProComm61427.2024.00064](https://doi.org/10.1109/ProComm61427.2024.00064)

Sample of papers - submitted and in progress

Rakedzon, T., Kremen, R., & Haddad-Najjar, L. "Fusion Confusion: Even Highly Educated Americans Are Struggling to Understand Fusion Energy." (submitted 2026, under revision - *Energy Research & Social Science*).

Rakedzon, T., Yosef, R., & Baram-Tsabari, A., Haddad-Najjar, L., Rabkin O., Segev, E. "Scaling up science communication training: Interactive chatbot-mediated task and AI personalized feedback can improve STEM graduate students' popular writing." (submitted, under revision - *Public Understanding of Science*).

Rakedzon, T., Segev, E., Baram-Tsabari, A., "Be Aware – of Audience: Graduate Students Writing for Lay and Academic Audiences – A Case Study" (submitted, under revision - *Journal of English for Purposes of International Communication (JEPIC)* - published by the Higher Education in Israel Network of English Teachers (H-INET)).

Haddad-Najjar, L. & **Rakedzon, T.** (submitted 2026, under review). What does an AI chatbot improve? Divergent Effects on Textual Coherence and Lexical Diversity in Academic Writing.

Scaccia, C., Lazarovici, D., & **Rakedzon, T.** (to be submitted 2026). Humor in the construction of the scientist's ethos: the case study of John Bell's sinusoidal ethos in "Against 'Measurement'".

Rakedzon T. & Van Horne C. (in progress). The influences of Israeli culture at a Sino-foreign university.

Lumor, S. & **Rakedzon, T.** (in progress). Goals and impacts of West African women academics engaging in academic communication on social media.

Shlomov, I. & **Rakedzon, T.** (in progress). AI-associated shifts in linguistic writing patterns among STEM students.

16. CONFERENCES

Invited talks

M. Broido, Z. Burstein, **T. Rakedzon**, A. Sasson, T. Sermer. “Graduate academic writing programs in israel: models, practices, and collaboration” has been accepted for a panel at the 9th International H-INET Conference in conjunction with IFAW to be held on September 6-7, 2026.

Rakedzon, T. “Supporting academic writing with AI” invited workshops by the Technion for “AI week” in October 2026.

Rakedzon, T. “Intercultural & Diplomatic Communication” invited lecture from IMPACT (Inter-Mediterranean Peace and Collaboration) as part of the COIL Business English course; online April 15th, 2026.

Rakedzon, T. “Writing as Music” lecture as part of the lecture “The Power of Rhythms: The Hidden Pulse of Creativity and Science” in the Music, Science, and Inspiration series at the Churchill Hall, Technion, July 9th, **2025**, and at the Faculty of Medicine, Technion, November 23, **2025**.

Rakedzon, T. “Humor, ethos, and scientific writing” IFAW Inaugural Meeting: “New Israeli Research on Academic Writing: Short Talks from EATAW” online November 19, 2025.

Rakedzon, T., “Improving science communication in the age of AI” invited workshop series presented at Princeton Neuroscience Institute (PNI) on July 22, 2025.

Rakedzon, T. “Cultural Variations in Intercultural Communication” invited workshop from IMPACT (Inter-Mediterranean Peace and Collaboration) as part of the Business English COIL online May 9th, 2025.

Rakedzon, T., “Communicating science: Practical, research-based tools” invited workshop presented at Princeton Plasma Physics Laboratory (PPPL) on Feb 3, 2025.

Rakedzon, T. “How to write a scientific article” invited workshop from IMPACT (Inter-Mediterranean Peace and Collaboration) as part of the COIL in Research Skills Development; online Dec 11th and Dec 18th, 2024.

Rakedzon, T., Even in the age of AI and ChatGPT – Practical tools for guiding students in academic writing. Presented at the Engineering Communication Program seminar at Rice University, Texas. March 2024.

Rakedzon, T. Effective communication. Upcoming **Keynote** for graduate student conference "Water research in Israel," Technion w/ the Grand Water Research Institute, December 22, 2022.

Rakedzon, T. Academic Writing Scene in Israel – the new Technion writing center. The first IFAW Study Day of the 2022-2023 academic year. Invited presentation for the online workshop, November 21, 2022.

Rakedzon, T. Intercultural communication. Invited presentation for the ‘Workshop for PhD students on post-doctoral studies,’ Wednesday, 30 March 2022, Butler Auditorium, Technion.

Rakedzon, T., & Van Horne, C. Teaching writing virtually: Lessons from China. Invited presentation for the Israeli Forum for Academic Writing (IFAW) study day; November 24, 2020.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Communication is the key: Assessing and teaching advanced science writing in English as a second language for STEM graduate students. Invited paper presented at the 2019 international conference for the Society of Experimental Biology (SEB), FIBES II Conference and Exhibition Centre Seville, Spain; July 2-5, 2019 [invited lecture].

Rakedzon, T. “Insights and experiences from the new Guangdong Technion.” Invited presentation for the Israeli Forum for Academic Writing (IFAW) study day - Challenges of Teaching Writing, the MOFET Institute, Tel Aviv, Israel, February 13, 2019.

Rakedzon, T. “How to give effective presentations in science.” Invited lecture for the International Space University (ISU) at the Technion -IIT, August 18, 2016.

Contributed Talks

Jabar, A., & **Rakedzon, T.**, “Translanguaging with generative AI: Teacher and student perspectives in multilingual writing classrooms” has been accepted for presentation at Symposium on Second Language Writing 2026, Kyoto University, Japan, October 23-25, 2026.

Haddad-Najjar, L.& **Rakedzon, T.**, “The Challenge of AI as a Writing Instructor: Coherence, Thematic Progression, and EFL Academic Writing” has been accepted for online presentation at the 2026 EATAW/Writing Analytics Conference, taking place 14–16 September 2026.

Jabar, A., & **Rakedzon, T.**, “Writing with AI in Multilingual Classrooms: Translanguaging and Teacher–Student Perspectives” has been accepted for presentation at SIG Writing Conference 2026 in ZHAW Zurich University of Applied Sciences, Winterthur, Switzerland as Single Paper, 2 - 4 June 2026.

Haddad-Najjar, L.& **Rakedzon, T.**, "The challenge of creating a coherent text: A Coherence-Focused AI Chatbot for Academic Writing" has been accepted for presentation at SIG Writing Conference 2026 in ZHAW Zurich University of Applied Sciences, Winterthur, Switzerland as a workshop session, 2 - 4 June 2026.

Haddad-Najjar, L.& **Rakedzon, T.**, "Developing an AI chatbot to improve coherence in academic writing in English for multilingual students", Workshop presented at 2026 CCCC Annual Convention, "Conference and Our Conversations," Cleveland, Ohio, March 4–7, 2026.

Haddad-Najjar, L.& **Rakedzon, T.**, "The Use of AI in Academic Writing for Hebrew and Arabic Speaking STEM Students: Impact on Coherence", Paper presented at 2026 CCCC Annual Convention, "Conference and Our Conversations," Cleveland, Ohio, March 4–7, 2026.

Lumor, S. & **Rakedzon, T.**, "Goals and impacts of West African women academics engaging in academic communication on social media," Paper to be presented at NARST Annual International Conference; Seattle, WA, April 19-22, 2026.

Scaccia, C, Lazarovici, D, & **Rakedzon, T.**, "Humor, ethos, and scientific writing" to be presented at EATAW (European Association for the Teaching of Academic Writing) international conference at University of Minho – Braga, Portugal, July 2-4, 2025.

Rakedzon, T., "From Rubrics to Robots: The Transformation of STEM Writing Instruction, Assessment, and Research." Department of Humanities & Arts seminar, April 2nd, 2025.

Scaccia, C, Lazarovici, D, & **Rakedzon, T.**, "The Persuasive Function of Humor in the Discourse of Quantum Mechanics" (Online webinar for the ADAAR group in French at Tel Aviv University) March 18, 2025.

Shlomov, I, & **Rakedzon, T.**, "Digital vs Active Learning: Academic English in a Multicultural Society", presented at the 17th Chais Conference on the Study of Innovation and Learning Technologies: Learning in the Digital Era, February 15, 2025, the Open University of Israel, Ra'anana, Israel.

Scaccia, C, Lazarovici, D, & **Rakedzon, T.**, "The Persuasive Function of Humor in the Discourse of Quantum Mechanics" (Online webinar in Italian) AISSI -Association of Italian Scholars and Scientists in Israel. Dec 17, 2024.

Lumor, S. & Rakedzon, T., (2024) "Experiences and challenges in Engaging in Academic Communication on Social Media" - presentation at the 7th International H-INET Conference at Talpiot College, Israel, September 17-18, 2024.

Rakedzon, T., Baram-Tsabari, A., Segev, E., Yosef, R. (2024) "The Impact of Interactive AI Feedback on STEM Students' Writing of Lay Research Summaries." Extended abstract and project presented at IEEE ProComm2024, 14-17 July 2024, Carnegie Mellon University, Pittsburgh, PA, USA

T. Rakedzon and O. Rabkin, (2023). "From 0 to 100 since Covid: how reform in the English program and humanities department in a STEM university sparked a writing center culture," 2023 IEEE International Professional Communication Conference (ProComm), July 2023. Ithaca, NY, USA, pp. 84-87, doi: 10.1109/ProComm57838.2023.00017.

Rakedzon, T., Baram-Tsabari, A., Yosef, R. (2023) Watch your jargon – using the ‘Half-Life Your Message’ task and interactive, AI-based feedback in writing a research summary for lay audiences. Paper to be presented at the EATAW conference at Zurich University of Applied Sciences in Winterthur, Switzerland from June 5-7, 2023.

Rakedzon, T., & Hazzan, O. (2023). The Rhetorical Triangle as an interdisciplinary Tool for communicating science. A presentation at the 6th H-INET International Spring Conference, online, Israel on February 27, 2023.

C. Van Horne, **Rakedzon T.** Collaboration, communication, curiosity and critical thinking: the 4 Cs of developing teamwork in Chinese STEM students. Extended abstract presented online at the IEEE ProComm 2022 conference at Limerick, Ireland, July 18-20, 2022.

Rakedzon T., C. Van Horne. Don't Stop Questioning: Developing Curiosity in Engineering Students In China Though Project Based Learning. Paper presented at the 14th annual International Conference of Education, Research and Innovation; November, 8-9, 2021.

Rakedzon, T., O. Rabkin, S. Lurie. Café and support: Overcoming writer's isolation during COVID-19 and beyond. Extended abstract presented at the online IEEE ProComm, 21-22 October 2021.

H. Zou, Q. Huang, Wengxuan Li, X. Zhang, **T. Rakedzon** and M. Tilleman. "Interdisciplinary Approach to Teaching Academic Writing Courses Resulting in a Dual Academic Achievement: Linguistic and Scientific". Presented at the online Deakin STEM Education Conference 2021, Deakin University Public university in Geelong, Australia, Oct 18-19, 2021.

Rakedzon T, Birenbaum, D, Honen, Y., Mataev, G. "MySupervisor – a program to aid STEM students in academic writing". Presented at the online EATAW 2021 conference, VSB – Technical University of Ostrava, Czech Republic, July 7-8.

Rakedzon, T., Who will understand me? Communicating science to contrasting audiences: lay and professional. Paper presented at the European Association of Languages for Specific Purposes (AELFE-TAPP) 2021 Conference School of Engineering of Vilanova i la Geltrú (UPC Vilanova), Spain, July 8-10, 2021.

Rakedzon, T., Rabkin, O. “More than just the IMRAD structure - using narrative qualities for genre and rhetorical sensitivity to produce impactful scientific texts”. Presentation at the ONLINE IFAW (Israel Forum for Academic Writing) Fourth International Conference on Academic Writing, MOFET, Israel. July 7, 2020

Rakedzon, T. “Practice makes perfect: Advancing English Communication at an EMI university in China”. Presentation at the Technion-Humanities Department Mini-Conference, May 30, 2019.

Rakedzon, T. “Technical communication in English at an EMI university in China”. Presentation at the H-INET International Spring Conference, Tel Aviv University, February 18, 2019.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. "Technology for evaluating the compatibility of vocabulary in academic and popular writing." Presentation at the 12th Summer Conference of the Israeli Association for Literacy and Language, Tel Aviv University, July 11, 2018.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “Communicating technical texts to non-experts: An automatic tool for assessing vocabulary and identifying technical jargon.” Presentation at the 36th International AESLA Conference: “Applied Linguistics and knowledge transfer: employability, internationalization and social challenges”. University of Cadiz (SPAIN) 19-21 April 2018.

Rakedzon, T. & Baram-Tsabari, A. “Is science communication intervention effective? a case study of popular science writing among graduate STEM students”, Faculty of Education in Science and Technology, Paper presented at the PCST Dunedin, New Zealand, Public Communication of Science and Technology Conference, April 3-6, 2018.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “The De-jargonizer: Technology for Assessing Vocabulary When Communicating with Expert/Non-expert Audiences.” Presentation at the H-INET International Spring Conference, Tel Aviv University, 27 February 2018.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “The De-jargonizer: Technology for assessing vocabulary when communicating with expert and non-expert audiences.” Presentation at the IFAW Study Day Program, Tuesday, MOFET Institute in Tel Aviv, February 6, 2018.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “Supporting scientists in engaging with the public: The development and validation of an automated jargon identification program, the De-jargonizer.” Poster at the PESO (Public Engagement with Science Online) conference, Technion – IIT, June 26, 2017.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “Automatic jargon identifier for science communication educators and scientists engaging with the public” Informal talk given at the quarterly LINKS meeting. Haifa University, May 15, 2017.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “An automated jargon identification program: evaluating STEM students’ use of jargon in written scientific genres.” Paper presented at the NARST Annual International Conference, San Antonio, TX, USA, April 22 - 25, 2017.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “Different audiences, different writing: Improving genre in popular science and academic writing among graduate STEM students.” Presentation at Metadiscourse Across Genres (MAG 2017) at METU, Northern Cyprus, March 30-April 1, 2017.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “An automated jargon identification program: evaluating STEM students’ use of jargon in written scientific genres.” Paper presented at the 12th Chais Conference for the Study of Innovation and Learning Technologies, Raanana, Feb 14-15, 2017 The Open University of Israel.

Rakedzon, T., Segev, E., Baram-Tsabari, A., Chapnik, N., Yosef, R. “Supporting scientists in engaging with the public: The development and validation of an automated jargon identification program.” Presentation at the Fourth LINKS Annual retreat. Technion – IIT, September 5-6, 2016.

Rakedzon, T. & Baram-Tsabari, A. “Writing in STEM in and outside academia.” Paper presented at the third international (IFAW) conference on academic writing in Tel Aviv, Israel. June 27-28, 2016.

Rakedzon, T. & Baram-Tsabari, A. “Genre assessment of scientific writing in and outside academia.” Presentation at H-INET (Higher education in Israel network of English teachers). International spring conference, Tel Aviv University, Feb. 8-9, 2016.

Rakedzon, T. & Baram-Tsabari, A. “Teaching Science and Technology Graduate Students to Write Science for Academia and for the Public.” ESERA (European Science Education Research Association) 2015 Conference at Helsinki, Finland, August 31-September 4, 2015.

Rakedzon, T. & Baram-Tsabari, A. “Teaching Science and Technology Graduate Students to Write Science for Academia and for the Public.” Pre-conference of the Junior Researchers of EARLI (European Association for Research in Learning and Instruction) at the Cyprus University of Technology, Limassol, August 23-24, 2015.

Rakedzon, T. & Baram-Tsabari, A. “Teaching Science and Technology Graduate Students to Write Science for Academia and for the Public.” The Sixth Israeli Science Communication Conference, Tel Aviv, Israel, June, 24-25 2015.

Rakedzon, T. & Baram-Tsabari, A. "Written science communication as an art." The 2nd International Conference: Science, Technology and Art Relations – STAR at the Technion, Haifa, Israel, November 19-20 2014.

Rakedzon, T. "Wordiness: one of the seven deadly sins of writing? Teaching wordiness and using corrective feedback." IFAW (Israel Forum for Academic Writing) mini-conference: The Challenge of Academic Writing in Today's World, MOFET Institute, Tel-Aviv, Israel, June 29, 2014.

Rakedzon, T. "Graduate students' writing skills: Teaching and learning style and genre." IFAW (Israel Forum for Academic Writing) meeting at Oranim Academic College of Education, May 2014.

Rakedzon, T. & Baram-Tsabari, A. "Teaching and assessment of communication skills of science and engineering graduate students in popular science texts." The Fifth Israeli Science Communication Conference, Tel Aviv, Israel, November, 2013.

Participation in organizing conferences

2020 **Conference chair of the IFAW 2020 online international conference**, MOFET Institute, Tel Aviv, Israel, June 28-30.

17. Notes

- Overseeing and co-designing of one-day writing workshop in the Center for Promotion of Learning and Teaching for the Department: 7.2023
- Master's thesis proposal review
Orly Wolfson – master's student in the Department of Education in Science and Technology, Technion, PI - Prof. Baram-Tsabari, 2.2021
- Research & Education Computer programs
The De-jargonizer – see the citations of my PLoSone publication/research cited in a Nature item (see 1 below) and in 8 languages around the world on over 40 news sites (see 2 below) and almost 300,000 entries:
<https://www.nature.com/articles/d41586-020-00580-w>
<http://scienceandpublic.com/Home/About?inTheNews>
- Outreach/volunteer
 - o May 10, 2026, [Host of "Atid" 5-point English high school students](#) for a day at the Technion: lecture about AI and writing, and campus tour
 - o April 2025 -March 2026: private online English lessons for a family through: **התנדבות לשיעורי עזר- משפחות חטיבת כרמלי** - Michal Meyer, Awards and Recognition Coordinator, Vice President For Academic Affairs

- Teaching at Science Day,
 - February, 2015. Lessons given at the Misgav Elementary school
 - March, 2016. Lessons given at the Misgav Elementary school
 - January 2019. Lessons given at the Misgav Elementary school