

Kati Kish Bar-On

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ACADEMIC APPOINTMENTS

• Boston University <i>MetaScience and AI postdoctoral fellow</i>	11/2025 - 11/2027 Boston, MA
• Harvard Business School <i>Visiting Scholar, Digital Data Design Institute</i>	01/2026 - 07/2026 Cambridge, MA
• Massachusetts Institute of Technology <i>Postdoctoral fellow, Science, Technology and Society (STS) program</i>	09/2022 - 11/2025 Cambridge, MA
• Northeastern University <i>Lecturer, College of Social Sciences and Humanities</i>	01/2025 - today Boston, MA

EDUCATION

• Ph.D., History and Philosophy of Science <i>Tel Aviv University</i>	2016 - 2022
• M.A., Philosophy <i>Tel Aviv University (magna cum laude)</i>	2012 - 2014
• B.A., Economics and Philosophy <i>Tel Aviv University (magna cum laude)</i>	2009 - 2012

PUBLICATIONS

Books

- [1] Kish Bar-On, Kati (2025). *Intuitionism Resocialized: Individuals, Communities, and the Evolution of Mathematical Knowledge*, Springer

Journal Articles

- [2] Kish Bar-On, Kati. (forthcoming). **Navigating Moral Cognition Under Uncertainty** (Commentary on "Resource-rational Contractualism: A triple theory of moral cognition"), *Behavioral and Brain Sciences*
- [3] Kish Bar-On, Kati. (2025). **From Human Logic to Machine Reasoning: How AI Challenges and Expands the Constructivist Framework** (Commentary on "An Analysis of Necessity and Possibility in Formal Logic from a Constructivist Perspective"), *Constructivist Foundations*, 20(3): 250–252
- [4] Kish Bar-On, Kati. (2024). **Mathematics and Society Reunited: The Social Aspects of Brouwer's Intuitionism** *Studies in History and Philosophy of Science*, 108: 28-37.
- [5] Kish Bar-On, Kati. (2024). **Beyond Binary Group Categorization: Towards a Dynamic View of Human Groups.** *Philosophical Psychology*, 1-28.
- [6] Kish Bar-On Kati, Eugen Dimant, Yphtach Lelkes, David G Rand. (2024). **Unraveling polarization: Insights into individual and collective dynamics.** *PNAS Nexus*, 3(10): pgae426.
- [7] Kish Bar-On Kati, Ehud Lamm. (2024). **Neither Human Normativity nor Human Groupness Are in Humanity's Genes (Commentary on Cecilia Heyes's "Rethinking Norm Psychology").** *Perspectives on Psychological Science*, 19(1): 46-48.
- [8] Kish Bar-On, Kati. (2023). **Connecting the revolutionary with the conventional: Rethinking the differences between the works of Brouwer, Heyting, and Weyl.** *Philosophy of Science*, 90(3): 580–602.
- [9] Kish Bar-On Kati, Ehud Lamm. (2023). **The Interplay of Social Identity and Norm Psychology in the Evolution of Human Groups.** *Philosophical Transactions of the Royal Society B: Biological Sciences*, 378: 20210412
- [10] Kish Bar-On, Kati. (2022). **From Philosophical Traditions to Scientific Developments: Reconsidering the Response to Brouwer's Intuitionism.** *Synthese*, 200, 521.
- [11] Kish Bar-On, Kati. (2021). **Towards a new philosophical perspective on Hermann Weyl's turn to intuitionism.** *Science in Context*, 34(1): 51-68.
- [12] Kish Bar-On, Kati. (2020). **Obligations to whom, obligations to what? A philosophical perspective on the objects of our obligations (Commentary on Michael Tomasello's "The moral psychology of obligation").** *Behavioral and Brain Sciences*, 43, E58.

FELLOWSHIPS AND AWARDS

• Alfred P. Sloan MetaScience and AI Fellowship (\$250K) <i>Alfred P. Sloan Foundation</i>	2025 - 2027
• Humane Studies Fellowship (\$8K) <i>Institute for Humane Studies, George Mason University</i>	2024/2025
• IMPACT Fellowship <i>National Postdoctoral Association (non-stipend)</i>	2024 - 2025
• Marie Skłodowska-Curie Actions Global Postdoctoral Fellowship (€200K) <i>European Commission Horizon Europe</i>	2023 - 2025
• Lady Davis Postdoctoral Fellowship (waived) <i>Hebrew University of Jerusalem</i>	2023 - 2024
• Edelstein Center for HPS, Technology, and Medicine Postdoctoral Fellowship (waived) <i>Hebrew University of Jerusalem</i>	2023 - 2024
• Amos Funkenstein Prize (\$3K) <i>Tel Aviv University</i>	2023
• Rothschild Fellowship (\$100K) <i>Yad Hanadiv</i>	2022 - 2023
• Technion Post-Doctoral Fellowship (waived) <i>Technion – Israel Institute of Technology</i>	2022 - 2023
• Best publication award (\$3K) <i>Tel Aviv University</i>	2021

SELECTED INVITED TALKS

- **University of Würzburg**, Colloquium Logicum (2026)
- **Chapman University**, Association for the Philosophy of Mathematical Practice (2026)
- **Weizmann Institute of Science**, Department of Science Teaching (2025)
- **United Nations System Staff College**, Nelson Mandela Global Academy for Social Change (2025)
- **Archives Henri-Poincaré**, Purity of Mathematical Language workshop (2025)
- **University of California, Berkeley**, Embodied Design Research Laboratory (2025)
- **Chapman University**, World Logic Day Workshop (2024)
- **Harvard University**, Department of History of Science (2024)
- **CFCUL Lisbon**, The Sciences of Ethics and Political Philosophy group (2024)
- **University of Pittsburgh**, Center for Philosophy of Science (2023)
- **Stanford**, Program in History and Philosophy of Science (2023)
- **Harvard Business School**, Negotiation, Organizations and Markets Unit (2023)
- **New York University**, Social Identity and Morality Lab (2023)
- **University of Cambridge**, Department of History and Philosophy of Science (2023)
- **University of Toronto**, International Society for the History, Philosophy and Social Studies of Biology (2023)
- **MIT**, The History, Anthropology, and Science and Technology Studies program seminar (2023)
- **Princeton**, MIT-Harvard-Princeton conference in the history of the physical sciences (2023)
- **University of Pennsylvania**, Penn Center for Social Norms and Behavioral Dynamics (2022)
- **University of Cambridge**, 15th Annual Graduate Conference on the Philosophy of Mathematics and Logic (2022)
- **PSA (Baltimore)**, 27th Biennial Meeting of the Philosophy of Science Association (2021)
- **University of Edinburgh**, Universals' Locales workshop (2020)

TEACHING EXPERIENCE

• Northeastern University (Department of Political Science) <i>POLS 7341: Security and Resilience Policy</i>	2025 - 2026
• Massachusetts Institute of Technology (STS program, IAP Activity) <i>Polarization in the Wild: Understanding and Addressing Global Divides</i>	2025
• Tel Aviv University <i>0659-2626-01: The historical development of mathematics: from the Greeks to Newton</i>	2022
• Tel Aviv University, Youth Program <i>Introduction to programming languages and computer science</i>	2016
• Tel Aviv University (Philosophy Department) <i>0618-2223-02: Indian Philosophy – Advanced course</i>	2013

CERTIFICATIONS

• Research Mentoring Training Certificate , MIT Career Advising and Professional Development	2024
• Grant Writing Training Certificate , MIT Career Advising and Professional Development	2024
• Kaufman Teaching Certificate Program , MIT Teaching and Learning Lab	2023

ORGANIZED WORKSHOPS AND READING GROUPS

- **The Social Life of Mathematical Reasoning: Algorithms, AI, and the Politics of Proof *reading group*** 2025 - 2026
Boston University and Bonn University
- **Directions of Polarization, Social Norms, and Trust in Societies *workshop*** 2025
MIT
- **Exploring the Intersection of Mathematics, AI, and Human Cognition *reading group*** 2024 - 2025
MIT and Bonn University
- **Emerging Trends in History, Philosophy and Sociology of Mathematics *workshop*** 2024
MIT
- **Mathematical Proof and the Sociology of Mathematics *reading group*** 2023 - 2024
MIT and Tel Aviv University
- **Directions of Polarization, Social Norms, and Trust in Societies *workshop*** 2023
MIT
- **Historical Axiomatics *workshop*** 2023
Stanford
- **Mathematical Knowledge, Understanding, and Means *reading group*** 2022 - 2023
MIT and Tel Aviv University
- **Mathematics, Culture, and Society *reading group*** 2021 - 2022
Tel Aviv University
- **Otherness, Responsibility, Equality and Solidarity *symposium*** 2019
Tel Aviv University

RESEARCH EXPERIENCE

- **Research Assistant** 2018 - 2022
School of Economics, Tel-Aviv University (Prof. Itzhak Gilboa)
 - Decision theory; game theory; notions of rationality
- **Research Assistant** 2017
School of Management, Tel Aviv University (Prof. Chaim Fershtman)
 - Sociological aspects in economics; Social choice theory

INDUSTRY EXPERIENCE

- **Software Engineer** 2013 - 2016
ForcePoint, Israel
 - Programming languages: Python, JAVA, JavaScript, ExtJS
- **HTML and CSS developer** 2010 - 2011
Check Point, Israel
- **System Storage Architect** 2007 - 2008
MindU, Israel
- **System Integrator and engineer** 2004 - 2007
IDF, Israel

PROFESSIONAL MEMBERSHIPS

- **National Postdoctoral Association** August 2024 - Present
 - Special Interest Summit working group member
- **Diversity of Mathematical Research Cultures and Practices (DMRCP)** January 2024 - Present
- **Philosophy of Science Association** July 2023 - Present

ACADEMIC SERVICE

Reviewer for: Bloomsbury Books; Collabra: Psychology; International Studies in the Philosophy of Science; PNAS
Nexus; Constructivist Foundations; Erkenntnis; History and Philosophy of Logic; Theoria

REFERENCES

1. **Prof. David Kaiser**
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2. **Prof. Juliet Floyd**
Boston University
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3. **Dr. Michael Friedman**
Bonn University
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4. **Prof. Amit Goldenberg**
Harvard Business School
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5. **Prof. Yphtach Lelkes**
University of Pennsylvania
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6. **Prof. Dirk Schlimm**
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7. **Prof. Daniel Aldrich (teaching)**
Northeastern University
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