Kati Kish Bar-On

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ACADEMIC APPOINTMENTS

Boston University — *2025 - 2027*
MetaScience and AI Postdoctoral Fellow, Philosophy department — Boston, MA

- **Harvard Business School**, visiting postdoctoral fellow, *Digital Data Design Institute* — *01/2026 – 07/2026*
- **Northeastern University**, lecturer, *College of Social Sciences and Humanities* — *2025 - present*

Massachusetts Institute of Technology — *2022 - 2025*
Postdoctoral Fellow, Science, Technology and Society (STS) program — Cambridge, MA

EDUCATION

Ph.D., History and Philosophy of Science — *2016 - 2022*
Tel Aviv University

M.A., Philosophy — *2012 - 2014*
Tel Aviv University (magna cum laude)

B.A., Economics and Philosophy — *2009 - 2012*
Tel Aviv University (magna cum laude)

PUBLICATIONS

Books

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

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

SELECTED INVITED TALKS

University of Würzburg, Colloquium Logicum (2026)

Ohio State University, Annual Distinguished Lecture on AI Law, Policy and Governance (2026)

Cornell University, Assessing and imagining the impact of Generative AI on Science (2026)

Boston University, Philosophical Problems of Logic and Mathematics seminar (2026)

Chapman University, Association for the Philosophy of Mathematical Practice (2026)

Weizmann Institute of Science, Department of Science Teaching (2025)

Ohio State University, Philosophy Sees the Algorithm workshop (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)

TEACHING EXPERIENCE

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

CERTIFICATIONS

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

RESEARCH EXPERIENCE

Research Assistant, School of Economics *Tel-Aviv University (Prof. Itzhak Gilboa)* ∘ Decision Theory; Game Theory; Notions of Rationality	*2018 - 2022*
Research Assistant, School of Management *Tel Aviv University (Prof. Chaim Fershtman)* ∘ Sociological Aspects in Economics; Social Choice Theory	*2017*

INDUSTRY EXPERIENCE

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

PROFESSIONAL MEMBERSHIPS

Association for the Philosophy of Mathematical Practice	*January 2026 - Present*
National Postdoctoral Association	*August 2024 - Present*
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
Guest Editor: PNAS Nexus

REFERENCES

1. **Prof. David Kaiser**
   Massachusetts Institute of Technology
   dikaiser@mit.edu

2. **Prof. Juliet Floyd**
   Boston University
   jfloyd@bu.edu

3. **Dr. Michael Friedman**
   Bonn University
   friedman@math.uni-bonn.de

4. **Prof. Amit Goldenberg**
   Harvard Business School
   agoldenberg@hbs.edu

5. **Prof. Yphtach Lelkes**
   University of Pennsylvania
   ylelkes@upenn.edu

6. **Prof. Dirk Schlimm**
   McGill University
   dirk.schlimm@mcgill.ca

7. **Prof. Daniel Aldrich (teaching)**
   Northeastern University
   d.aldrich@northeastern.edu