

Updated: September 1, 2022
Email: boaz.m@zefat.ac.il

1. HIGHER EDUCATION

A. Undergraduate and Graduate Studies

Ph.D. - 2006 to 2010

University of Toronto, Institute for the History and Philosophy of Science and Technology (IHPST)

Dissertation Title: "A Social Theory of Knowledge"

Supervisor: Professor Anjan Chakravartty

Committee Members: Professor Joseph Berkovitz, Professor James R. Brown, Professor Yves Gingras (internal reader), Professor Sanford Goldberg (external reader).

M.A. – 2005 to 2006

University of Toronto, Institute for the History and Philosophy of Science and Technology (IHPST)

B.Sc. – 1999 to 2002

The Hebrew University of Jerusalem, Computer Science and Amirim Interdisciplinary Honors Program

B. Post-Doctoral Studies

2014 – 2015 Postdoctoral Fellow, The Sidney M. Edelstein Center for the History and Philosophy of Science, Technology, and Medicine, The Hebrew University of Jerusalem

2013 – 2014 Dan David Postdoctoral Fellow, Department of Philosophy and the Cohn Institute for History and Philosophy of Science and Ideas, Tel Aviv University
Advisor: Prof. Ruth Weintraub

2012 – 2013 Postdoctoral Fellow, The Edmond J. Safra Center for Ethics, Tel Aviv University
Advisor: Prof. Ruth Weintraub

2011 – 2012 Azrieli Postdoctoral Fellow, Department of Philosophy, University of Haifa
Advisor: Dr. Arnon Keren (two-year position)

2. ACADEMIC RANKS AND TENURE IN INSTITUTES OF HIGHER EDUCATION

2017 – Senior Lecturer, Zefat Academic College, The Department of Management Information Systems

3. PUBLICATIONS

A. Google Scholar Metrics

Citations: 442

h-index: 11

i10-index: 12

B. Articles in Refereed Journals

Record, Isaac and Boaz Miller. 2022. People, Posts, and Platforms: Reducing the Spread of Online Toxicity by Contextualizing Content and Setting Norms. *Asian Journal of Philosophy* 1(41): 1-19.

Miller, Boaz and Meital Pinto. 2022. Epistemic Equality: Distributive Epistemic Justice in the Context of Justification. *Kennedy Institute of Ethics Journal* 32(2): 173-203.

(JCR Impact Factor: 1.103; JCR Rank: 36/56; JCR Quartile: Q3; Google Scholar Citations: 1)

Miller, Boaz. 2021. When Is Scientific Dissent Epistemically Inappropriate? *Philosophy of Science* 88(5): 918-928.

(JCR Impact Factor: 1.317; JCR Rank: 17/63; JCR Quartile: Q2; Google Scholar Citations: 3)

Miller, Boaz. 2021. Is Technology Value Neutral? *Science, Technology, & Human Values* 46(1): 53-80.

(JCR Impact Factor: 3.534; JCR Rank: 8/44; JCR Quartile: Q1; Google Scholar Citations: 23)

Godler, Yigal, Zvi Reich and Boaz Miller. 2020. Social Epistemology as a New Paradigm for Journalism and Media Studies. *New Media and Society* 22(2): 213-229.

(JCR Impact Factor: 8.061; JCR Rank: 2/95; JCR Quartile: Q1; Google Scholar Citations: 26)

Miller, Boaz and Isaac Record. 2017. Responsible Epistemic Technologies: A Social-Epistemological Analysis of Autocompleted Web Search. *New Media and Society* 19(12) 1945-1963.

(JCR Impact Factor: 8.061; JCR Rank: 2/95; JCR Quartile: Q1; Google Scholar Citations: 36)

Miller, Boaz. 2016. What Is Hacking's Argument for Entity Realism? *Synthese* 193(3): 991-1006.

(JCR Impact Factor: 2.908; JCR Rank: 5/63; JCR Quartile: Q1; Google Scholar Citations: 17)

Miller, Boaz. 2016. Scientific Consensus and Expert Testimony in Courts: Lessons from the Bendectin Litigation. *Foundations of Science* 21(1): 15-33.

(JCR Impact Factor: 1.238; JCR Rank: 21/63; JCR Quartile: Q2; Google Scholar Citations: 20)

Miller, Boaz. 2015. Why (Some) Knowledge is the Property of a Community and Possibly None of Its Members. *The Philosophical Quarterly* 65(260): 417-441.

(JCI Rank 18/317; JCI Quartile: Q1; Google Scholar Citations: 36)

Miller, Boaz. 2014. Science, Values, and Pragmatic Encroachment on Knowledge. *European Journal for the Philosophy of Science* 4(2): 253-270.

(JCR Impact Factor: 1.753; JCR Rank: 9/63; JCR Quartile: Q1; Google Scholar Citations: 24)

Miller, Boaz. 2014. Catching the WAVE: The Weight-Adjusting Account of Values and Evidence. *Studies in History and Philosophy of Science* 47: 69-80.

(JCR Impact Factor: 1.429; JCR Rank: 13/63; JCR Quartile: Q1; Google Scholar Citations: 11)

Miller, Boaz. 2013. When Is Consensus Knowledge Based? Distinguishing Shared Knowledge from Mere Agreement. *Synthese* 190(7): 1293-1316.

(JCR Impact Factor: 2.908; JCR Rank: 5/63; JCR Quartile: Q1; Google Scholar Citations: 102)

Miller, Boaz and Isaac Record. 2013. Justified Belief in a Digital Age: On the Epistemic Implications of Secret Internet Technologies. *Episteme* 10(2): 101-118.

(JCI Rank 31/317; JCI Quartile: Q1; Google Scholar Citations: 83)

Miller, Boaz. 2012. The Rationality Principle Idealized. *Social Epistemology* 26(1): 3-30.

(JCR Impact Factor: 1.603; JCR Rank: 14/48; JCR Quartile: Q2; Google Scholar Citations: 2)

Miller, Boaz. 2009. What Does It Mean that PRIMES is in P? Popularization and Distortion Revisited. *Social Studies of Science* 39(2): 257-288.

(JCR Impact Factor: 3.885; JCR Rank: 2/63; SJR Quartile: Q1; Google Scholar Citations: 14)

C. Articles or Chapters in Scientific Books

Miller, Boaz and Droron Menashe. 2022. Scientific Expert Testimony: Why Israeli Courts Should Not Adopt the Daubert Standard. *Law and...*, edited by Yael Efron, Yossi Korazim-Kőrösy, and Mohammed S. Wattad. Tel Aviv: Nevo . (Hebrew)

Freiman, Ori and Boaz Miller. 2020. Can Artificial Entities Assert? *The Oxford Handbook of Assertion*, edited by Sanford C. Goldberg, 415-436. Oxford: Oxford University Press.

(Google Scholar Citations: 7)

Miller, Boaz and Ori Freiman. 2020. Trust and Distributed Epistemic Labor. *The Routledge Handbook on Trust and Philosophy*, edited by Judith Simon, 341-353. New York: Routledge.

(Google Scholar Citations: 4)

Miller, Boaz. 2019. The Social Epistemology of Consensus and Dissent. In *The Routledge Companion to Social Epistemology*, edited by David Henderson, Peter Graham, Miranda Fricker, and Nikolaj Pedersen, 228-239. New York: Routledge.

(Google Scholar Citations: 8)

Record, Isaac and Boaz Miller. 2018. Taking iPhone Seriously: Epistemic Technologies and the Extended Mind. In *Extended Epistemology*, edited by Duncan Pritchard, Andy Clark, Jesper Kallestrup, Orestis Palermos and J. Adam Carter, 105-226. Oxford: Oxford University Press.

(Google Scholar Citations: 11)

Miller, Boaz. 2015. 'Trust Me – I'm a Public Intellectual': Margaret Atwood's and David Suzuki's Social Epistemologies of Climate Science. In *Speaking Power to Truth: Digital Discourse and the Public Intellectual*, edited by Michael Keren and Richard Hawkins, 113-128. Athabasca, AB: Athabasca University Press.

(Google Scholar Citations: 6)

D. Other Scientific Publications

Miller, Boaz. 2007. Editor's Introduction: Scientific Expertise: Epistemological Worries, Political Dilemmas. *Spontaneous Generations* 1: 13-16.

Miller, Boaz. 2007. Workshop Review: What Trust in Science? Review of the Trust in Science Workshop. *Spontaneous Generations* 1: 132-135.

Miller, Boaz. 2011. Book Review: McIntyre, Lee. Dark Ages: The Case for a Science of Human Behavior (Cambridge, MA: MIT, 2006). *Spontaneous Generations* 5(1): 85-87.

Miller, Boaz. 2017. Book Review: Essays in Collective Epistemology, edited by Jennifer Lackey (Oxford: Oxford UP). *Australasian Journal of Philosophy* 95(2): 402-405.

E. Other Publications

Miller, Boaz. 2005. Thomas Kuhn and the Rationality of Science. *Galileo* 88: 34-41 [Hebrew].

F. Submitted Publications

4. RESEARCH GRANTS

A. Grants Awarded

- 2022 Competitive funding: Visiting Fellowship at the Center for Advanced Internet Studies (CAIS) in Bochum, Germany for the summer of 2022 for the book project *Inter-Knowledge: Trust, Information, and Belief in a Digital Age*. The fellowship includes a full coverage of travel and living expenses.
- 2022 Competitive funding: Winner (With Isaac Record) of the 2022-2023 Book Manuscript Workshop Competition of the University of South Carolina Ann Johnson Institute for Science, Technology and Society for the book project *Inter-Knowledge: Trust, Information, and Belief in a Digital Age*. AJI will hold an on-location workshop with senior scholars to discuss our manuscript.
- 2020 An R&D contract with OpenWeb Ltd. for developing tools for promoting healthy online discussion on OpenWeb's Internet platforms. The company will pay 30,000 NIS for the research outputs, and will give free access to the researchers to its data for the sake of conducting publishable research.
Co-PIs: Boaz Miller, Arnon Keren (Haifa University), and Aviv Barnoy (Zefat Academic College and Haifa University).
- 2018 Competitive funding: *Israel Science Foundation (ISF) Grant 650/18* for the Project "Skepticism about Testimony" valued at 195,000 NIS per year for three years (extended to four). Total: 585,000 NIS.
Co-PIs: Boaz Miller and Arnon Keren (Haifa University).
- 2014 Competitive funding: Tel Aviv University, Edmond J. Safra Center for Ethics Grant for the project "An Intellectual History of Data Mining", valued at \$7,000.
PI: Edud Lamm, Tel Aviv University.

5. OFFICES IN ACADEMIC ADMINISTRATION

- 2020 – Member of Research Committee, Zefat Academic College

6. SCHOLARLY POSITIONS AND ACTIVITIES OUTSIDE THE INSTITUTION

- 2016 – 2017 Adjunct Professor, IDC Herzliya, The Sammy Ofer School of Communications (Philosophy of New Technology Design)
- 2015 – 2017 Teaching Fellow, Weizmann Institute of Science (Philosophy of Science)
- 2015 – 2017 Teaching Fellow, Ben Gurion University, Department of Communication Studies (History of the Media; Knowledge in Digital Networks)
- 2014 – 2017 Teaching Fellow, Tel Aviv University, Executive MA Program in Philosophy, Information, and Digital Culture (Cyber Age: Society, Technology, and Networked Knowledge)
- 2012 – 2017 Teaching Fellow, Bar Ilan University, Graduate Program in Science, Technology and Society (STS) (Philosophy of Science; Internet, Knowledge, and Society; Science, Policy and Values; Knowledge, Society, and Material Culture; Philosophy of the Social Sciences)
- 2013 – 2017 Teaching Fellow, Tel Aviv University, International B.A. in Liberal Arts ("Don't Be Fooled": Testimonies and Falsities on the Web; Philosophy of Science)

- 2012 – 2016 Teaching Fellow, Tel Aviv University, Interdisciplinary Program in Humanities (“Don’t Be Fooled”: Testimonies and Falsities on the Web)
- 2009 – 2012 Teaching Fellow, The Hebrew University, Department of History (From Copernicus to Darwin; The Darwinian Revolution)
- 2010 Teaching Fellow, Ben Gurion University, Department of Philosophy (Social Epistemology)
- 2008 Instructor, University of Toronto, IHPST (Philosophy of Science)
- 2006-2009 Teaching Assistant, University of Toronto, IHPST (Scientific Revolutions II; History of Science for Engineering Students; Philosophy of Science)

7. PARTICIPATION IN SCHOLARLY CONFERENCES (SELECTED)

A. Active Participation

- “Algorithmically Manufactured Consensus”, Philosophy of Science Association (PSA) 2022 Meeting, Pittsburgh (November 2022).
- “When Is Scientific Dissent Epistemically Illegitimate?”, Philosophy of Science Association (PSA) 2020/1 Meeting, Baltimore (November 2021).
- “The Norm of Posting and the Spread of Epistemically Toxic Content Online”, Information Ethics Roundtable 2020, Northeastern University, Boston (May 2020, cancelled due to Corona).
- “Fake News and the Social-Epistemic Norm of Online Posting”, Israel Association of Philosophy Annual Conference, Bar Ilan University, Ramat Gan (February 2019).
- “Knowledge: Individually Responsible, Collectively Justified” Philosophy of Science Association (PSA) 2018 Meeting, Seattle (November 2018).
- “Wittgenstein and the Machine”, Israel Society for History and Philosophy of Science Annual Conference, Van Leer Institute, Jerusalem (May 2018).
- “Epistemic Equality: Distributive Epistemic Justice in the Context of Justification” (with Meital Pinto) Philosophy of Science Association (PSA) 2016 Meeting, Atlanta (November 2016).
- “Autocomplete: Responsible Information Providing on the Internet” The Edelstein Center for History and Philosophy of Science, Technology and Medicine Colloquium, The Hebrew University of Jerusalem (January, 2015).
- “What is Hacking’s Argument for Entity Realism Anyway?” Israel Society for History and Philosophy of Science 14th Annual Conference, Bloomfield Science Museum, Jerusalem (December 2013).
- “Protest, Expertise, and Epistemic Equality” The Biannual Workshop in Science, Technology, and Society in Israel: Expertise and Democracy – A Crisis of Legitimization and Social Protest, Sde Boker, Israel (March 2013).
- “Defending Pragmatic Encroachment on Knowledge: A Deontological Argument from Motivated Reasoning and the Limits of Inquiry” Philosophy of Science Association (PSA) 2012 Meeting, San Diego, (November 2012)
- “Group Knowledge and the Wisdom of Crowds” European Network for the Philosophy of the Social Sciences (ENPOSS) 2012 Conference, University of Copenhagen, Denmark (September 2012).

- “Justified Belief in a Digital Age: On the Epistemic implications of Secret Internet Technologies” (with Isaac Record) Episteme 2012 Conference: Epistemological Problems of Privacy and Secrecy, Delft University of Technology, the Netherlands (June 2012).
- “Can We Trust Wikipedia?” Israel Society for History and Philosophy of Science 11th Annual Conference, Bloomfield Science Museum, Jerusalem (March 2011).
- “Epistemic Communalism Defended” Episteme 2010 Conference – Cognitive Ecology: The Role of the Concept of Knowledge in our Social Cognitive Ecology, School of Philosophy, The University of Edinburgh (June 2010).
- “When Is Deference to Consensus Justified? Responsible Belief in the Face of Agreement” Responsible Belief in the Face of Disagreement: International Conference, VU University, Amsterdam (August, 2009).
- “The Social Epistemology of the Bendectin Trials: Toward a Bottom-Up Theory of Scientific Knowledge” Reclaiming the World: The Future of Objectivity, University of Toronto (May, 2008).
- “Popper, Models and the Rationality Principle” Canadian Society for History and Philosophy of Science (CSHPS) Annual Meeting 2008, University of British Columbia (June, 2008).
- “Social Sciences in the Courtroom: An Epistemological Inquiry” Freedom & Law: Sixth Annual Graduate Conference, Department of Philosophy, University of Toronto (May, 2006).
- “Interpretation or Puzzle Solving? On the Debate between Kuhn and Taylor about the Proper Demarcation Criterion between the Natural and the Human Sciences” The Second Annual HPS Workshop in the Philosophy of the Social Sciences, Department of History and Philosophy of Science, University of Cambridge (April, 2006).

B. Organization of Conferences or Sessions

- 2009 Conference Coordinator, HAPSAT Fifth Graduate Student Conference: Evidence in Context, IHPST, University of Toronto
- 2013 Organizing Committee Member, Israel Society for History and Philosophy of Science 14th Annual Conference
- 2021 Co-Organizer, with Prof. Arnon Keren, “Fighting Toxic Content Online: An International Workshop,” Zefat Academic College and the University of Haifa, April 2021.

8. INVITED LECTURES\COLLOQUIUM TALKS (SELECTED)

- “I Know, We Know: Bringing Individual and Collective Knowledge Together”, Faculty Seminar, Cluster in History and Philosophy of Science, The Technion (December 2020).
- “I Know, We Know: Bringing Individual and Collective Knowledge Together” Workshop: Consensus and Disagreement: Perspectives from Social Epistemology and Philosophy of Science, University of Iceland, Reykjavík (January 2020) (Invited speaker).
- “An Epistemic Defence of Moderate Wishful Thinking” Erasmus Institute for Philosophy and Economics Research Seminar (Invited Speaker), Erasmus University Rotterdam (October 2015).
- “Knowledge from Instruments” Research Seminar, The Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University (February, 2014).
- “Trust Me – I’m a Public Intellectual’: Margaret Atwood’s and David Suzuki’s Social Epistemologies of Climate Science” SSRC Workshop on the Transformation of Public Intellectuals and Canadian

Democracy (Invited Speaker), Department of Communication and Culture, The University of Calgary (October 2011).

“A Science of Breastfeeding or an Ideology of Good Motherhood?” Faculty Seminar, The Program in Biological Thought (Invited Speaker), The Open University of Israel, Raanana (February 2011). Video available at youtu.be/eD8oITOPcFE

9. SCHOLARSHIPS, AWARDS AND PRIZES

- 2022 Winner of the 2022-2023 USC Ann Johnson Institute for Science, Technology and Society Book Manuscript Workshop for the book project *Inter-Knowledge: Trust, Information, and Belief in a Digital Age* (with Isaac Record). The Institute will hold a workshop with senior scholars who will comment on the manuscript.
- 2022 Visiting Fellowship at the Center for Advanced Internet Studies (CAIS) – a research center in Bochum, Germany, affiliated with five German universities – for July-September 2022. The fellowship includes a monthly stipend of 600€ and a full coverage of housing and transportation costs for my entire stay, and for my writing partner, Prof. Isaac Record, for twenty one days.
- 2014 – 2015 The Hebrew University of Jerusalem, The Sidney M. Edelstein Center for the History and Philosophy of Science, Technology, postdoctoral fellowship, valued at \$15,000
- 2013 – 2014 Tel Aviv University, The Cohn Institute for the History and Philosophy of Science and Ideas, postdoctoral top-up fellowship, valued at \$3,000
- 2013 – 2014 Tel Aviv University, Dan David Postdoctoral Fellowship, valued at \$15,000
- 2012 – 2013 Tel Aviv University, Edmond J. Safra Center for Ethics Postdoctoral Fellowship, valued at \$25,000
- 2012 – 2013 Tel Aviv University Matching Postdoctoral Fellowship, valued at \$7,500
- 2011 – 2012 Azrieli Postdoctoral Fellowship, valued at \$35,000 (CAD) per year, \$70,000 total.
- 2005 – 2010 University of Toronto Fellowship
Full coverage of tuition and living expenses for the M.A. and PhD valued at about \$30,000 (CAD) per year, \$150,000 total.
- 1999 – 2002 The Hebrew University of Jerusalem
Full stipend as an undergraduate student for three successive years for attending Amirim Interdisciplinary Honors Program.

10. TEACHING

A. Courses Taught in Recent Years

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
2017-2021	Databases	Introduction (mandatory)	BA	30
2017-2021	Data Structures	Introduction (mandatory)	BA	30

2018-2021	Internet Programming	Introduction (mandatory)	BA	30
2017-2020	Sociology of the Internet	Introduction (mandatory)	BA	30
2017-2021	New Media and Digital Culture	Introduction (mandatory)	BA	30
2021	Philosophy of Science	Lectures	BA	8
2016-2019	Cyber Knowledge: Knowledge and Technology	Seminar	MA	30
2016-2019	Philosophy of New Technology Design	Lectures	BA	60

B. Supervision of Graduate Students

Name of Student	Title of Thesis	Degree	Date of Completion / in Progress	Students' Achievements
Ori Freiman	The Role of Knowledge in the Formation of Trust in Technologies: The Testimony of Artificial Speakers and the Social Shaping of Blockchains (co-supervisors: Prof. Noah Efron, and Prof. Duncan Pritchard).	PhD	Submitted (January 2010), to be sent to external reader	
Sandara Ziv	Beyond Epistemic Possibility: The Development of the Capsule Endoscope	MA	2017	Passed
Shimon Meir	The Best Explanation of the Fine-Tuning of the Universe			
Efrat Gommeh	Product Design in the Age of Crowdsourcing (co-supervisor: Prof. Noah Efron).	MA	2015	Passed
Yossi Itach	A Critical Study of Stackoverflow Reputation System	MA	2014	Passed
Anat Fanti	Making up Happy People: Positive Psychology, the Pursuit of Happiness and Technologies at the service of constructing the self (co-supervisor: Prof. Noah Efron)	MA	2014	Passed

11. MISCELLANEOUS

REVIEWER

Science Technology and Human Values, New Media and Society, Journal of Philosophy, Philosophy and Phenomenological Research, British Journal for the Philosophy of Science, Philosophy of Science, American Philosophical Quarterly, Social Studies of Science, Synthese, Erkenntnis, Australian Journal of Philosophy, Philosophy of Science, Episteme, Studies in History and Philosophy of Science, European Journal for Philosophy of Science, Perspectives on Science, Theoria, Kennedy Institute of Ethics Journal, Oxford Bibliographies Online, Journal of Social Ontology, Mishpatim: The Hebrew University Law Review, Ergo

RESEARCH ASSISTANT

- 2009 Research Assistant to Professor James R. Brown on the history of smallpox vaccinations
2009 – 2010 Research Assistant to Professor Mark Solovey on Cold War science
2009 – 2010 Research Assistant to Professor Marga Vicedo on the history of the maternal instinct

ADDITIONAL ACADEMIC ACTIVITIES

- 2006 – 2008 Chief Editor, Spontaneous Generations: A Journal for the History and Philosophy of Science
 (an online yearly academic peer-reviewed journal)
 spontaneousgenerations.library.utoronto.ca

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS (PAST AND PRESENT)

Society for Social Studies of Science (4S), Philosophy of Science Association (PSA), Israel Society for History and Philosophy of Science (ISHPS), American Philosophical Association (APA), Canadian Philosophical Association (CPA), Canadian Society for Epistemology (CSE), The New Israeli Philosophical Association (IPA)