

Updated: August 22, 2020  
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## CURRENT POSITION

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2017 -

**Senior Lecturer**, Department of Executive Information Systems, Zefat Academic College

## HIGHER EDUCATION

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**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**

## GRANTS

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- 2018 Israel Science Foundation (ISF) Grant 650/18 for the Project "Skepticism about Testimony" valued at 195,000 NIS per year for three years (total: 585,000 NIS).  
Co-PIs: Boaz Miller and Arnon Keren (Haifa University).
- 2014 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.

## PUBLICATIONS

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### PEER-REVIEWED PAPERS

Miller, Boaz. 2021. When Is Scientific Dissent Epistemically Inappropriate? *Philosophy of Science*, forthcoming.

(ISI Impact Factor: 1.296; ISI Rank: 11/63; JCR Quartile: Q1)

Miller, Boaz. 2020. Is Technology Value Neutral? *Science, Technology, & Human Values*, in press.  
[doi.org/10.1177/0162243919900965](https://doi.org/10.1177/0162243919900965)

(ISI Impact Factor: 2.333; ISI Rank: 11/144; JCR Quartile: Q1)

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.

(ISI Impact Factor: 4.577; ISI Rank: 6/92; JCR Quartile: Q1; Google Scholar Citations: 4)

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.

(ISI Impact Factor: 4.577; ISI Rank: 6/92; JCR Quartile: Q1; Google Scholar Citations: 22)

- Miller, Boaz. 2016. What Is Hacking's Argument for Entity Realism? *Synthese* 193(3): 991-1006.  
(ISI Impact Factor: 1.436; ISI Rank: 9/63; JCR Quartile: Q1; Google Scholar Citations: 10)
- Miller, Boaz. 2016. Scientific Consensus and Expert Testimony in Courts: Lessons from the Benedictin Litigation. *Foundations of Science* 21(1): 15-33.  
(ISI Impact Factor: 0.670; ISI Rank: 33/63; JCR Quartile: Q3; Google Scholar Citations: 15)
- 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.  
(SJR Quartile: Q1; Google Scholar Citations: 28)
- Miller, Boaz. 2014. Science, Values, and Pragmatic Encroachment on Knowledge. *European Journal for the Philosophy of Science* 4(2): 253-270.  
(ISI Impact Factor: 0.859; ISI Rank: 23/63; JCR Quartile: Q2; Google Scholar Citations: 15)
- Miller, Boaz. 2014. Catching the WAVE: The Weight-Adjusting Account of Values and Evidence. *Studies in History and Philosophy of Science* 47: 69-80.  
(ISI Impact Factor: 1.212; ISI Rank: 13/63; JCR Quartile: Q1; Google Scholar Citations: 8)
- Miller, Boaz. 2013. When Is Consensus Knowledge Based? Distinguishing Shared Knowledge from Mere Agreement. *Synthese* 190(7): 1293-1316.  
(ISI Impact Factor: 1.436; ISI Rank: 9/63; JCR Quartile: Q1; Google Scholar Citations: 64)
- Miller, Boaz & Isaac Record. 2013. Justified Belief in a Digital Age: On the Epistemic Implications of Secret Internet Technologies. *Episteme* 10(2): 101-118.  
(SJR Quartile: Q1; Google Scholar Citations: 61)
- Miller, Boaz. 2012. The Rationality Principle Idealized. *Social Epistemology* 26(1): 3-30.  
(ISI Impact Factor: 1.000; ISI Rank: 21/48; 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.  
(ISI Impact Factor: 4.038; ISI Rank: 1/63; SJR Quartile: Q1; Google Scholar Citations: 13)

#### BOOK CHAPTERS

- Freiman, Ori & 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: 2)
- Miller, Boaz & Ori Freiman. 2020. Trust and Distributed Epistemic Labor. *The Routledge Handbook on Trust and Philosophy*, edited by Judith Simon, 341-353. New York: Routledge.
- 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.
- Record, Isaac & 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 & J. Adam Carter, 105-226. Oxford: Oxford University Press.  
(Google Scholar Citations: 9)
- 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 & Richard Hawkins, 113-128. Athabasca, AB: Athabasca

University Press.

(Google Scholar Citations: 5)

#### **REVIEWS AND OTHER PUBLICATIONS**

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

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.

#### **PAPERS IN PROGRESS**

Miller, Boaz, Stav Kaufman, and Ehud Lamm. From Market-Basket Analysis to Individual Profiling: The Development of Association Rules and Privacy through the Analysis of Algorithms as Historical Texts, 1989-1998 (revised version to be resubmitted to *Technology and Culture*).

Miller, Boaz. Social Epistemology. *The Internet Encyclopaedia of Philosophy* (conditionally accepted, in progress).

## TEACHING POSITIONS

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- 2017 – Senior Lecturer, Zefat Academic College, The Department of Community Information Systems (Sociology of the Internet; New Media and Digital Culture; Databases; Data Structures; Internet Programming)
- 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)

## RESEARCH POSITIONS

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- 2017 – Senior Lecturer, Zefat Academic College, The Department of Community Information Systems
- 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)

## AWARDS

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### Fellowships

- 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.

## OTHER ACTIVITIES

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### REVIEWER

New Media and Society, 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](http://spontaneousgenerations.library.utoronto.ca)
- 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

## MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS (PAST AND PRESENT)

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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)

## PRESENTATIONS (SELECTED)

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“When Is Dissent Epistemically Illegitimate?”, Israel Society for History and Philosophy of Science Annual Conference, Van Leer Institute, Jerusalem (forthcoming, September 2019).

“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).

“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).

“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).

“An Epistemic Defence of Moderate Wishful Thinking” Erasmus Institute for Philosophy and Economics Research Seminar (Invited Speaker), Erasmus University Rotterdam (October 2015).

“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).

“Knowledge from Instruments” Research Seminar, The Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University (February, 2014).

“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).
- “‘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).
- “Can We Trust Wikipedia?” Israel Society for History and Philosophy of Science 11th Annual Conference, Bloomfield Science Museum, Jerusalem (March 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 [www.youtube.com/watch?v=eD8oIT0PcFE](http://www.youtube.com/watch?v=eD8oIT0PcFE)
- “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).