Daniel J. Singer

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Employment

Current

Associate Professor of Philosophy	*July 2019 –*
University of Pennsylvania	
Associate Professor of Legal Studies & Business Ethics (Secondary)	*July 2021 –*
Wharton School of Business	

Past

Consultant, Boston Consulting Group	*Aug. 2022 – Aug. 2024*
Chair of Undergraduate Philosophy, University of Pennsylvania	*July 2021 – June 2022*
Assistant Professor of Philosophy, University of Pennsylvania	*Jan. 2013 – June 2019*
Institute for Cross-Disciplinary Engagement Fellow, Dartmouth College	*Spring 2018*

Specializations: Philosophy of Work, Epistemology, Group Dynamics and Innovation
Add. Interests: Ethics; Business Ethics; Philosophy of Science; Computational Methods

Education

University of Michigan, Ann Arbor

Ph.D. in Philosophy	*December 2012*
M.A. in Philosophy	*2010*

Visiting Student in Philosophy, RSSS, Australian National University   *2010, 2012*

University of Pennsylvania

B.A. in Logic, Information, and Computation and Philosophy (Honors)	*2008*

Publications

Books

On a Need-to-Know Basis: Making Knowledge / Management Work   *In development*

On a Need-to-Know Basis is a work-in-progress that combines insights from social epistemology, complex systems, and management to explore the role of information in empowering (and disabling) workers in complex organizations. It includes discussions of issues like information overload, managerial control of employees, and ways managers gaslight employees, providing not just theory but also practical upshots for managers and employees.

Books *(continued)*

Right Belief and True Belief   *2023*
Oxford University Press, New York

Right Belief and True Belief likens work in epistemology about what we should believe to work in normative ethics about what we should do. It uses that analogy to draw out a methodology for epistemology that's centered around the question of what we should believe, and it defends a truth-loving consequentialist answer to that question. In doing so, the book sets the stage for a deeply truth-guided approach to all aspects of epistemology.

Articles

"The Future of AI Is Many, Not One"   *In preparation*
with Garzino Demo

"Employment is a Relationship, Not an Exchange"   *In preparation*

"It's Not Always Wrong to Gaslight Employees"   *Under review*

"The Epistemic Role of Diversity in Juries: An Agent-Based Model"   *2024*
with Grim, Bramson, Holman, Jung, and Berger
in *Journal of Artificial Societies and Social Simulation*

"Philosophical Considerations of Political Polarization"   *2022*
with Berger, Bramson, Grim, Holman, and Jung
in *The Political Turn in Analytic Philosophy: Reflections on Social Injustice and Oppressions*, Bordonaba Plou, Fernández Castro, and Ramón Torices (eds.)

"Epistemic Networks and Polarization"   *2021*
with Grim, Bramson, Holman, Jung, and Berger
in *The Routledge Handbook of Political Epistemology*, Hannon and de Ridder (eds.)

"Don't Forget Forgetting: The Epistemic Importance of How We Forget"   *2021*
with Grim, Bramson, Holman, Jung, Kovaka, and Berger
in *Synthese*

Review of Sanford Goldberg's *To the Best of Our Knowledge*   *2021*
in *Philosophical Review*

"What Epistemic Reasons are For: Against the Belief–Sandwich Distinction"   *2021*
with Sara Aronowitz
in *Meaning, Decision, and Norms: Themes from the Work of Allan Gibbard*, Billy Dunaway and David Plunkett (eds.)

"Computational Philosophy"   *2020*
with Patrick Grim
Entry in the *Stanford Encyclopedia of Philosophy*

"Representation in Models of Epistemic Democracy"   *2020*
    with Grim, Bramson, Berger, Jung, and Page
    in *Episteme*

"Demoting Promoting Objections to Epistemic Consequentialism"   *2019*
    in *Philosophical Issues*

"A Multidisciplinary Understanding of Polarization"   *2019*
    with Jung, Grim, Bramson, Berger, Holman, and Kovaka
    in *American Psychologist*

"Diversity, Not Randomness, Trumps Ability"   *2019*
    in *Philosophy of Science*

"Rational Social and Political Polarization"   *2019*
    with Bramson, Grim, Holman, Jung, Kovaka, Ranginani, and Berger
    in *Philosophical Studies*

"Diversity, Ability, and Expertise in Epistemic Communities"   *2019*
    with Grim, Bramson, Holman, McGeehan, and Berger
    in *Philosophy of Science*

"Permissible Epistemic Trade-offs"   *2018*
    in *The Australasian Journal of Philosophy*

"Diversity and Democracy: Agent-based Modeling in Political Philosophy"   *2018*
    with Holman, Berger, Grim, and Bramson
    in *Historical Social Research*

"How to be an Epistemic Consequentialist"   *2018*
    in *Philosophical Quarterly*

"Understanding Polarization: Meanings, Measures, and Model Evaluation"   *2017*
    with Grim, Bramson, Berger, Sack, Fisher, and Flocken,
    in *Philosophy of Science*, Vol. 84, No. 1, p. 115-159

"Disambiguation of Social Polarization Concepts and Measures"   *2016*
    with Bramson, Grim, Fisher, Sack, Berger, and Flocken
    in *The Journal of Mathematical Sociology*, Vol. 40, Issue 2, p. 80-111

"Mind the Is-Ought Gap"   *2015*
    in *The Journal of Philosophy*, Volume 112, Issue 4, p. 193-210

"Germs, Genes, and Memes: *2015*
    Function and Fitness Dynamics on Information Networks"
    with Grim, Fisher, and Reade
    in *Philosophy of Science*, Vol. 82, No. 2, p. 219-243

"Sleeping Beauty Should be Imprecise" — *2014*
    in *Synthese*, Volume 191, Issue 14, p. 3159-3172

"Scientific Networks on Data Landscapes: — *2013*
    Question Difficulty, Epistemic Success, and Convergence"
    with Grim, Fisher, Bramson, Berger, Reade, Flocken, and Sales
    in *Episteme*, Volume 10, Number 4, p. 441-464

"Philosophical Analysis in Modeling Polarization: — *2012*
    Notes from a Work in Progress"
    with Grim, Bramson, Fisher, Flocken, and Berger
    in the APA Newsletter on Philosophy and Computers, Vol. 12, No. 1, p. 7-15

    Updated and reprinted in Youngman and Hadzikadic (Editors), *Complexity and the Human Experience: Modeling Complexity in the Humanities and Social Sciences*, Pan Stanford Press, 2014

"Polarization and Belief Dynamics in the Black and White Communities: — *2012*
    An Agent-Based Network Model from the Data"
    with Grim, Thomas, Reade, Fisher, Reade, Garza, Fryer and Chatman
    in *Artificial Life 13*, p. 186-193

"Information Dynamics Across Linked Sub-Networks: — *2011*
    Genes, Germs, and Memes"
    with Grim, Reade, and Fisher
    in *Proceedings, AAAI Fall Symposium on Complex Systems*

"What You Believe Travels Differently: — *2010*
    Information and Infection Dynamics Across Sub-Networks"
    with Grim, Reade, Fisher, and Majewicz
    in *Connections*, Vol. 30, No. 2, p. 50-63

"Robustness Across the Structure of Sub-Networks: — *2010*
    The Contrast Between Infection and Information Dynamics"
    with Grim, Reade, Fisher, and Majewicz
    in *Proceedings, AAAI Fall Symposium on Complex Systems*

Grants, Awards, and Honors

Penn Mellon Fellow and Provost's Leadership Academy Participant — *2021*

Dean's Award for Distinguished Teaching by an Assistant Professor — *2018*
    Penn's School of Arts and Sciences award that recognizes one member
    of the junior faculty who demonstrates unusual promise as an educator

Price Lab for the Digital Humanities Mellon Faculty Fellow — *2016 – 2018*

SCEW (MindCORE) Grant for Agent-Based Modeling Workshop ($6K) *Spring 2020*

GPPC Conference Grants for PeRFECt ($3K, $2K, $3K, $2.5K, $1K) *2014 – 2019*

SAS Conference Support Grants ($3K, $3K, $2K, $3K) *Spring 2015, 2017, 2018, 2020*

University Research Foundation Grants ($2,000, $2,000, $2,000) *Spring 2015, 2017, 2020*

SAS Research Opportunity Grant ($3,000) *Spring 2017*

University Research and Dean's Grants for PRPSEW ($4,900, $5,000) *Spring 2014, 2017*

Penn Provost Excellence through Diversity Grant for PeRFECt2 ($4,000) *Fall 2016*

Penn Undergraduate Research Mentorship (PURM) Grant ($5,300) *Summer 2016*

Penn Digital Humanities Forum Project Incubation Grant ($3,000) *Summer 2015*

Rackham International Research Grant *Summer 2012*

Wirt and Mary Cornwell Prize Fellowship *2011-2012*
    Prize for outstanding intellectual curiosity and exceptional promise
    of original study and creative work in Philosophy

Rackham Graduate School Research Grant *Summer 2010*

Rackham Graduate School Travel Grants *2009, 2010, 2012*

Marshall M. Weinberg Summer Fellowship *Summer 2009*
    Prize for academic distinction during early years of graduate study

University of Michigan Philosophy Department Fellowship *2009, 2010, 2011*

University of Michigan Summer Research Grant *2009, 2010, 2011*

Selected Presentations and Conference Organization

The Future of AI is Many, Not One
    Presented at Hong Kong University *March 2026*

What Good Management Looks Like
    Presented at University of Alabama, Birmingham *February 2026*

Managerial (Over)control and Why It Matters for Firms and Employees
  Presented at PPE Society Conference, New Orleans   *November 2025*

It's Not Always Wrong to Gaslight Employees
  Presented at Work and Democracy Workshop, Groningen   *October 2025*
  Presented at PPE Society Conference, London   *July 2025*

The Employment Tax on Agency and Managerial Gaslighting
  Presented at University of North Carolina, Chapel Hill   *March 2025*

Philosopher Meets Critics: *Right Belief and True Belief*
  Online discussion with Ram Neta, Amy Flowerree, and Kate Nolfi   *Nov. 2024*
  Hosted by CONCEPT (University of Cologne) & Federal University of Bahia
  Available online at `http://youtu.be/sGb4FZNImOo`

Author Meets Critics: *Right Belief and True Belief*
  Discussion with Ram Neta, Amy Flowerree, and Kate Nolfi
  Presented at the Eastern APA in New York   *Jan. 2024*

How Management Affects Diversity
  Presented at Boston Consulting Group   *May 2024*

Psychological Safety Levels the Playing Field for Employees
  Presented at Boston Consulting Group   *May 2023*

Modelling the Epistemic Effects of Diversity and Enclaves
  Presented at Hong Kong University   *April 2022*

The Epistemic Role of Diversity in Juries
  Presented at Wharton School of Business   *May 2021*

Should Juries be Unanimous?
  Presented at University of Southern California   *September 2020*

Jury Unanimity: An Agent-Based Model Approach
  Presented at Social (Distance) Epistemology Workshop   *May 2020*
  Presented at University of Pennsylvania   *September 2019*

Agent-Based Models of *Is* **and** *Ought*
  Keynote at "ABMs of Scientific Inquiry," Bochum, Germany   *March 2019*

Knowledge for Epistemic Consequentialists
  Presented at Fordham University   *October 2018*

Models and Target Systems in Normative Inquiry
  Presented at Hebrew University's "Modeling Reality Workshop"   *July 2018*

Rational Polarization and the Importance of Group 'Forgets'
    Presented at Dartmouth College   *April 2018*
    Publicly Accessible Version Presented at Dartmouth ICE   *May 2018*

Epistemic Consequentialism
    Presented at the University of Vermont   *May 2018*

Penn Reasons and Foundations in Epistemology Conference (PeRFECt)   *2015 – 2018*
    Organizer with Errol Lord and Lisa Miracchi

Permissible Epistemic Trade-offs
    Presented at Chapel Hill Normativity Workshop   *March 2018*

Rational Polarization and the Importance of Forgetting
    Presented at Dept. of Legal Studies and Business Ethics, Wharton   *February 2018*

Group Polarization as a Limitedly Rational Response to Evidence
    Presented at Price Lab for the Digital Humanities, Penn   *October 2017*
    Presented at Decisions, Games and Logic, University of Michigan   *July 2016*

Models of Group Deliberation: Thick and Thin
    Keynote at DebateLab Workshop on Argumentation in Opinion Dynamics,
        KIT, Karlsruhe, Germany   *June 2017*
    Presented at DiMiNet, Annenberg School of Communication   *October 2017*

Penn-Rutgers-Princeton Social Epistemology Workshop   *2013-2017*
    Lead Organizer, Spring 2014, Spring 2017
    Organizer, Spring 2013, Spring 2015, Spring 2016

Sophisticated Epistemic Consequentialism
    Presented at Dartmouth   *January 2016*
    Presented at Institut Jean Nicod, Paris FR   *June 2016*
    Presented at the University of British Columbia   *November 2016*

Normative and Scientific Explanation
    Presented at the Eastern APA in Washington DC   *January 2016*
    Presented at the Ethics and Explanation Conference, Nottingham UK   *February 2016*

Votes, Talk, and Groups: Modeling Epistemic Democracy and Polarization
    Presented at Sawyer Seminar on Trust, Northwestern University   *May 2015*

Symposium: Computer Simulations in Philosophical Research
    Presented at the Eastern APA in Philadelphia, PA   *December 2014*

Why Believe the Truth
    Presented as a PhilSoc at the Australian National University   *July 2012*
    Presented at the USC/UCLA Graduate Conference   *March 2012*
    Presented at the Yale/UConn Graduate Conference   *April 2012*

Modeling Peer Disagreement
    Presented at the Australasian Association of Philosophy Meeting   *June 2012*

Grounding Epistemology in Belief
    Presented at the University of Pennsylvania   *April 2012*

Information Dynamics Across Sub-networks:
    Germs, Genes, and Memes
    With Grim, Fisher, and Reade
    Presented at the AAAI Fall Symposium Series   *November 2011*

The Is-Ought Gap Gap
    Presented at the Michigan Graduate Student Working Group   *December 2010*

Robustness Across the Structure of Sub-Networks:
    The Contrast Between Infection and Information Dynamics
    With Grim, Reade, Fisher, and Majewicz
    Presented at the AAAI Fall Symposium Series   *November 2010*

Some Problems for Imprecise Bayesianism
    Presented at the Australasian Association of Philosophy Conference   *July 2010*

Epistemic Conservatism for Imprecise Partial Belief
    Presented at the Notre Dame/Northwestern Epistemology Conference   *March 2010*
    Presented at the Princeton-Rutgers Graduate Conference   *April 2010*

On James Harrington's "Instants and Instantaneous Velocity"
    Comments presented at the Eastern APA Symposium   *December 2009*

On the Use of Isomorphisms in an Account of Similarity
    Presented at the Formal Methods in Philosophy Conference, Penn   *May 2008*

Selected Professional and Academic Service

Chair of Graduate Admissions, Penn Philosophy   *2024 – Present*

Undergraduate Chair, Penn Philosophy   *2021 – 2022*

Penn Arts and Sciences Curriculum Committee
    Chair *2019 – 2022*
    Member *2018 – 2022*

Penn Arts and Sciences Committee to Revise Curricular Review
    Chair *2019 – 2021*

Penn Arts and Sciences Committee on Undergraduate Education
    Ex-Officio Member *2019 – 2022*

Penn Faculty Senate Executive Committee Member
    Representative from Philosophy and Linguistics *2018 – 2022*
    Assistant Professor Representative *2015 – 2017*

Representative to Greater Phila. Philosophy Consortium *2019 – 2021*

Placement Director, Penn Philosophy *2013 – 2020*

Penn Fraternity and Sorority Advisory Board *2018 – 2019*

Steering Committee, Social Epistemology Network *2017 – Present*

SAS Planning Group on Quantitative Explorations of Evolving Systems *2015 – 2018*

Residential Faculty Fellow, Ware College House *2014 – 2018*

Phi Beta Kappa Election Committee *2015 – 2017*

NEH Institute - Computer Simulations in the Humanities *June 2011*
    Experienced Modelling Mentor at the NEH Institute for Advanced Topics
    in the Digital Humanities at the University of North Carolina at Charlotte

Teaching

As Primary Instructor
    Knowledge and Reality *F '25, F '24, F '22, F '19, F '18, Spr. '16, F '14, F '13*
    Undergrad Seminar on AI in Work, School, and Research *Fall '25*
    Business Ethics & Social Responsibility (Wharton) *Spring '25*
    Graduate Seminar on Meaningful Work *Spring '25*
    Introduction to Mathematical Logic (Grad and Undergrad) *Spr. '25, Spr. '20, Spr. '15*
    Graduate Seminar on Epistemic Architectures *Fall '24*
    Graduate Seminar on the Value of Diversity *Fall '22*
    Introduction to Philosophy *Fall '21, Spr. '19, Fall '17, Fall '15, Spr. '14*
    Dissertation Writing Workshop *Fall '21, Fall '17, Fall '13*

Graduate Seminar on Epistemic Normativity and Consequentialism	*Spring '21*
Graduate Seminar on Legal Epistemology	*Spring '20*
Food and Fat (Seminar on Ethics of Obesity)	*Fall '19, Spring '16*
Scientific Reasoning (Undergrad Online)	*Fall '19, Spring '20*
Graduate Seminar on the Domain of Epistemology	*Spring '19*
Graduate Proseminar	*Fall '18, '15, '14*
Graduate Seminar on Normativity in Formal Epistemology	*Fall '17*
Graduate Seminar on Social Epistemology	*Spring '17*
Graduate Seminar on Epistemic Reasons	*Spring '15*
Graduate Seminar on Epistemic Normativity	*Spring '14*
Graduate Seminar on Williamson's *Knowledge and its Limits*	*Spring '13*
Epistemology (Undergraduate Introduction)	*Spring '13*
Problems of Philosophy	*Spring '12*
Introduction to Logic (with Online Component)	*Summer '11*

University of Michigan Graduate Teacher Certificate   *2012*

Teaching and professional development, including courses and research on teaching, class feedback sessions and evaluations, and a teaching mentorship.

As Graduate Student Instructor

Philosophy of Mind and Language, Eric Swanson	*Spring '11*
Applied Ethics, Sarah Buss	*Spring '10*
Mathematical Logic, Richmond Thomason	*Fall '09*

As Teaching Intern and Grader

Mathematical Logic, David Baker	*Fall '08, Spring '09*
Introduction to Logic, Scott Weinstein	*Spring '07, Spring '08*