

## Steven A. Gross

### Academic Positions

Professor of Philosophy, Johns Hopkins University, 2018-  
(secondary appointments in Cognitive Science and in Psychological and Brain Sciences;  
affiliate faculty, Science of Learning Institute; member, Foundations of Mind Group)  
Associate Professor of Philosophy, Johns Hopkins University, 2006-2018  
Visiting Assistant Professor of Philosophy, Georgetown University, 2005-6  
Assistant Professor of Philosophy, University of Pennsylvania, 1999-2005  
Lecturer (Permanent Member of the Faculty), University College London, 1998-1999

### Education

Harvard University, Ph.D. in philosophy, June 1998, A.B. with honors in philosophy, 1987

### Areas of Specialization

Philosophy of Language, Philosophy of Mind, Foundations of the Mind-Brain Sciences

### Publications

1. "Iconicity, 2<sup>nd</sup>-Order Isomorphism, and Perceptual Categorization," *Philosophy and Phenomenological Research*, forthcoming.
2. "Language and the Border between Perception and Cognition," *Analysis*, forthcoming.
3. "Is There an Empirical Case for Semantic Perception?" *Inquiry*, forthcoming.
4. "Representation of Pure Magnitudes in ANS" (with W. Kowalsky and T. Burge), *Behavioral and Brain Sciences* 44, 2021, e189.
5. "'Impossible' Somatosensation and the (Ir)rationality of Perception" (with I. Won and C. Firestone), *Open Mind* 5, 2021, pp. 30-41.
6. "Linguistic Judgments as Evidence," in *Blackwell Companion to Chomsky*, eds. Nicholas Allott, Terje Løndahl, and Georges Rey (Wiley Blackwell, 2021), pp. 544-56.
7. "Can Resources Save Rationality? 'Anti-Bayesian' Updating in Cognition and Perception" (with E. Mandelbaum, I. Won, and C. Firestone), *Behavioral & Brain Sciences* 43, E16, 2020.
8. "Probabilistic Representations in Perception: Are There Any, and What Would They Be?," *Mind & Language* 35, 2020, pp. 377-89.
9. "Linguistic Intuitions: Error Signals and the Voice of Competence," in *Linguistic Intuitions, Evidence, and Expertise*, eds. Samuel Schindler, Anna Drozdowicz, and Karen Brøcker (Oxford University Press, 2020), pp. 13-32.
10. "Perceptual Consciousness and Cognitive Access from the Perspective of Capacity-Unlimited Working Memory," *Philosophical Transactions of the Royal Society B* 373, 2018.
11. "Perception and the Origins of Temporal Representation," *Pacific Philosophical Quarterly*, 98, S1, 2017, pp. 275-92.
12. "Perceptual Consciousness, Short-Term Memory, and Overflow: Replies to Beck, Orlandi and Franklin, and Phillips" (with J. Flombaum), *Mind & Language* symposium, *The Brains Blog*, June 2017.

13. “Does Perceptual Consciousness Overflow Cognitive Access? The Challenge from Probabilistic, Hierarchical Processes” (with J. Flombaum), *Mind & Language* 32, 2017, pp. 358-91.
14. “Cognitive Penetrability and Attention,” in *Frontiers in Psychology*, 22 February 2017, <https://doi.org/10.3389/fpsyg.2017.00221> (Research Topic “Pre-cueing Effects on Perception and Cognitive Penetrability,” eds. Athanassios Raftopoulos and Gary Lupyan)
15. “Does the Expressive Role of ‘True’ Preclude Deflationary Davidsonian Semantics?,” in *Meaning Without Representation: Essays on Truth, Expression, Normativity, and Naturalism*, eds. S. Gross, N. Tebben, and M. Williams (Oxford University Press, 2015), pp. 47-63.
16. *Meaning Without Representation: Essays on Truth, Expression, Normativity, and Naturalism*, eds. S. Gross, N. Tebben, and M. Williams (Oxford University Press, 2015), pp. x + 379.
17. “Descriptive Semantic Externalism,” in *The Routledge Handbook of Semantics*, ed. N. Riemer (Routledge, 2015), pp. 13-29.
18. “The Metaphysics of Meaning: Hopkins on Wittgenstein,” *International Journal of Philosophical Studies* 23, 2015, pp. 518-38.
19. “Problems for the Purported Cognitive Penetration of Perceptual Color Experience and Macpherson’s Proposed Mechanism” (with T. Chaisilprungraung, E. Kaplan, J. Menendez, and J. Flombaum) in *Thought and Perception*, eds. E. Machery and J. Prinz (New Prairie Press, 2014), pp. 1-30.
20. “Linguistic Intuitions” (with J. Maynes), *Philosophy Compass* 8, 2013, 714-30.
21. “What is a Context?,” in *Perspectives on Pragmatics and Philosophy*, eds. A. Capone, F. Lo Piparo, and M. Carapezza (Springer, 2013), pp. 113-32.
22. “Davidson, First Person Authority, and the Evidence for Semantics,” in *Donald Davidson on Truth, Meaning, and the Mental*, ed. G. Preyer (Oxford University Press, 2012), pp. 228-48.
23. “Innateness” (with Georges Rey), in *The Oxford Handbook of Philosophy of Cognitive Science*, eds. E. Margolis, R. Samuels, and S. Stich (Oxford University Press, 2012), pp. 318-60.
24. “Revisited Linguistic Intuitions” (with Jennifer Culbertson), *British Journal for the Philosophy of Science* 62, 2011, pp. 639-656.
25. “Knowledge of Meaning, Conscious and Unconscious,” in *Meaning, Understanding, and Knowledge*, eds. B. Armour-Garb, D. Patterson, and J. Woodbridge (Vol. 5: The Baltic International Yearbook of Cognition, Logic and Communication), 2009, pp. 1-44.
26. “Are Linguists Better Subjects?” (with Jennifer Culbertson), *British Journal for the Philosophy of Science* 60, 2009, pp. 721-36.
27. “Sincerely Saying What You Don’t Believe Again,” *Dialectica* 62, 2008, pp. 349-54.
28. “Reply to Jackendoff,” *The Linguistic Review* 24, 2007, pp. 423-9.
29. “Relating Conscious and Unconscious Semantic Knowledge,” *Croatian Journal of Philosophy* 7, 2007, pp. 427-45.
30. “Trivalent Semantics and the Vaguely Vague,” *Synthese* 156, 2007, pp. 97-117.
31. “Can Empirical Theories of Semantic Competence Really Help Limn the Structure of Reality?,” *Nous* 40, 2006, pp. 43-81.
32. “Can One Sincerely Say What One Doesn’t Believe?,” *Mind & Language* 21, 2006, pp. 11-20.

33. “The Nature of Semantics: On Jackendoff’s Arguments,” *The Linguistic Review* 22, 2005, pp. 249-270.
34. “The Biconditional Doctrine: *Contra* Kölbel on a ‘Dogma’ of Davidsonian Semantics,” *Erkenntnis* 62, 2005, pp. 189-210.
35. “Context-Sensitive Truth-Theoretic Accounts of Semantic Competence,” *Mind & Language* 20, 2005, pp. 68-102.
36. “Linguistic Understanding and Belief,” *Mind* 114, 2005, pp. 61-6.
37. “Putnam, Context, and Ontology,” *Canadian Journal of Philosophy* 34, 2004, pp. 507-54.
38. “Vagueness, Indirect Speech Reports, and the World,” *Protosociology* (Special Issue on Semantic Theory and Reported Speech) 17, 2002, pp. 153-68.
39. “Is Context-Sensitivity Eliminateable? Some Remarks,” *The Dialogue* (Yearbook of Philosophical Hermeneutics: The Legitimacy of Truth, Proceedings of the Third Meeting, Italian-American Philosophy) 2, 2002, pp. 21-38.
40. “Putnam, Kontext und Ontologie,” in *Hilary Putnam und die Tradition des Pragmatismus*, eds. Marie-Luise Raters and Marcus Willaschek (Suhrkamp, 2002), pp. 404-36.
41. “Vagueness, Indeterminacy, and Uncertainty,” in *Indeterminacy*, ed. Jose Cipurut (MIT Press, 2008), pp. 129-49. [written and submitted 1999-2000]
42. “Vagueness in Context,” in *Proceedings of the 22<sup>nd</sup> Annual Conference of the Cognitive Science Society*, eds. L. Gleitman and A. Joshi (Lawrence Erlbaum, 2000), pp. 208-13.
43. *Essays on Linguistic Context-Sensitivity and its Philosophical Significance*, Studies in Philosophy: Outstanding Dissertations (Routledge, 2001), pp. xvi + 148.

#### **Reviews, Encyclopedia Entries, Abstracts, Etc.**

1. “Impossible Integration of Size and Weight” (with Isabel Won and Chaz Firestone), *Journal of Vision*, September 2019, Vol. 19, 301a. doi:<https://doi.org/10.1167/19.10.301a> [abstract]
2. “Prior Repulsion: ‘Anti-Bayesian’ Updating in Visual Cognition” (with Chaz Firestone), *Journal of Vision*, September 2018, Vol. 18, 12. doi:10.1167/18.10.12 [abstract]
3. Review of John Zeimbekis and Athanassios Raftopoulos (eds.), *The Cognitive Penetrability of Perception: New Philosophical Perspectives*, in *Notre Dame Philosophical Reviews* (April 2016).
4. Review of E. J. Lowe, *Forms of Thought*, in *Analysis* 75, 2015, pp. 165-7.
5. Review of Michael Tomasello, *Origins of Human Communication*, in *Mind & Language* 25 (April 2010), pp. 237-46.
6. Review of Ray Jackendoff, *Language, Consciousness, Culture: Essays on Mental Structure*, in *Notre Dame Philosophical Reviews* (May 2009).
7. Review of Stewart Shapiro, *Vagueness in Context*, in *The Philosophical Review* 118 (April, 2009), pp. 261-6.
8. “Natural Kind Terms,” *The Concise Encyclopedia of Philosophy of Language and Linguistics*, eds. A. Barber and R. Stainton (Elsevier, 2009), pp. 501-5. Reprint of 10 below.
9. “Normativity,” *The Concise Encyclopedia of Philosophy of Language and Linguistics*, eds. A. Barber and R. Stainton (Elsevier, 2009), pp. 530-3. Reprint of 11 below.
10. “Natural Kind Terms,” *Encyclopedia of Language and Linguistics*, 2<sup>nd</sup> ed., ed. Keith Brown (Elsevier, 2006), vol. 8, pp. 492-6.

11. “Normativity,” *Encyclopedia of Language and Linguistics*, 2<sup>nd</sup> ed., ed. Keith Brown (Elsevier, 2006), vol. 8, pp. 698-701.
12. Review of Robert Brandom, *Articulating Reasons*, in *The Philosophical Review* 111 (April 2002), pp. 284-7.
13. Review of Jerry Fodor, *Concepts*, in *Mind* 110 (April 2001), pp. 469-75.
14. Review of Fiona Cowie, *What’s Within? Nativism Reconsidered*, in *The Philosophical Review* 110 (January 2001), pp. 94-7.
15. “What is a Hole?” (review of Roberto Casati and Achille Varzi, *Holes and Other Superficialities*), *The Harvard Review of Philosophy* IV (Spring 1994), pp. 76-80.
16. “An Interview with Henry Allison,” *The Harvard Review of Philosophy* VI (Spring 1996), pp. 31-45. Reprinted in *Philosophers in Conversation* (Routledge, 2002), pp. 81-97.

**Honors and Awards** (since coming to Johns Hopkins only)

- Johns Hopkins Discovery Award, “Cosmic Visions” (2022)
- President, Society for Philosophy and Psychology (2020-2022)
- President-Elect, Society for Philosophy and Psychology (2019-2020)
- Dean’s Award for Excellence of Service (2019)
- Nominated for *Philosopher’s Annual* 2017 (10 best philosophical papers of the year)
- Major grant, “‘Deep irrationality’ in perception and cognition: Anti-Bayesian updating when expectations are defied,” with Chaz Firestone, awarded by the Johns Hopkins Science of Learning Institute, \$150,000 (2017-19)
- Selected for Provost’s Project on Innovation (2012)
- Excellence in Teaching Award Finalist (2009)
- “Philosophy of Religion” selected as a Gilman Lecture Course in the Humanities, Johns Hopkins University (Fall 2008)
- Major grant, “Evolution, Cognition, and Culture,” awarded by Metanexus, with matching funds from the John Tempelton Foundation and the Johns Hopkins Kreiger School of Arts and Sciences, \$390,000 (2007-2011)

**Advising** (since coming to Johns Hopkins only)

Primary Dissertation Advisor

- Maegan Kaczmarek (in progress, *Evaluating the Direct Perception View Through the Perception of Intentions*)
- Kathryn Brophy (PhD 2021, *Indeterminacy in Personal Identity: A Descriptive and Normative Evaluation of a Notoriously Slippery Concept*)
- Nikola Andonovski (PhD 2020, *On Episodic Memory: Preservation, Reconstruction and Modeling*)
- David Lindeman (PhD 2019, *Representations of Mind*)
- Patrick O’Donnell (PhD 2019, *Racial Ontology and Racialized Language*)
- Marianna Bergamaschi Ganapini (PhD 2017, *Reasoning, Belief, and the Quest for Truth*)
- Nicholas Goldberg (PhD 2017, *Acts of Reference: An Essay on the Rational Powers of Proper Names*)
- John Waterman (PhD 2015, *Shadows of Doubt: On the Psychological Foundations of the Skeptical Problem*)
- Bryan Miller (PhD 2014, *Scientific Psychiatry: A Novel Framework for Psychiatry Understood as a Branch of Medicine*)
- Karen Yan (PhD 2013, *Consciousness, Self, and Self-Consciousness*)

Derek Leben (PhD 2012, *Lexical Semantics and its Philosophical Applications*)  
Jeffrey Maynes (PhD 2012, *Meaningful Intuitions: The evidential role of intuitions in the study of language*)

Philosophy Dissertation Committees

Ryo Tanaka (Connecticut, PhD 2021), Josef Simpson (PhD 2017), Christopher Vogel (Maryland, PhD 2014), James Dubik (PhD 2014), Diana Puglisi (Georgetown, PhD 2014), Jonathan Hricko (PhD 2013), Nicholas Tebben (PhD 2012), Patrick Leland (PhD 2012), Julia Krause (PhD 2012), Lisa Ievers (PhD 2010), Victor DiFate (PhD 2010), Michael Perry (PhD 2009), Youngsup Park (PhD 2008)

Non-Philosophy Dissertation Defense Committees

Clare Monagle (History), Naohide Yamamoto (Psychological and Brain Sciences), Todd Kelley (Psychological and Brain Sciences), Seung Il Kang (Near Eastern Studies), Sara Finley (Cognitive Science), Banchiamlack Dessalegn (Cognitive Science), Emma Gregory (Cognitive Science), Jennifer Culbertson (Cognitive Science), Monica Lopez-Gonzalez (Cognitive Science), Özge Gürcanlı (Cognitive Science), Lilia Rissman (Cognitive Science), Erin Zaroukian (Cognitive Science), Gi-Yeul Bae (Psychological and Brain Sciences), Darko Odic (Psychological and Brain Sciences), Michael Simone (Near Eastern Studies), Kristen Johannes (Cognitive Science), Emily Atkinson (Cognitive Science), Mark Schurgin (Psychological and Brain Sciences), Feitong Yang (Psychological and Brain Sciences), Jinjing (Jenny) Wang (Psychological and Brain Sciences), Christopher Wrightson (School of Education), Emory Davis (Cognitive Science), Jane Lutken (Cognitive Science), Judy Kim (Psychological and Brain Sciences), Shanmukha “Aditya” Upadhyayula (Psychological and Brain Sciences), Emily Sanford (Psychological and Brain Sciences), Chenxiao Guan (Psychological and Brain Sciences), Qian Yu (Psychological and Brain Sciences), An Nguyen (Cognitive Science)

**Teaching** (Johns Hopkins only)

undergraduate

Philosophical Problems  
Philosophy of Religion

undergraduate and graduate

Philosophy and Cognitive Science (solo, with Chaz Firestone, and with Jon Flombaum)  
Philosophy and AI  
Color and Color Perception (with Eckart Forster)  
Counterfactual Reasoning, Normative and Descriptive Aspects (with Justin Bledin)

graduate

Philosophy of Psychology (with Ian Phillips)  
Topics in the Philosophy of Language (solo and with Michael Williams)  
Topics in the Philosophy of Mind  
Research Seminar in Language and Mind  
Research Seminar (for all 3<sup>rd</sup> and 4<sup>th</sup> year philosophy graduate students)

**Service** (since coming to Johns Hopkins only)

Professional

External promotion and tenure reviews  
External Department reviews  
Editorial: PhilPapers (subject area editor: Meaning); *Thought* (editorial board); *Frontiers in Psychology: Theoretical and Philosophical Psychology*

Work for professional organizations:

American Philosophical Association (Eastern Division): Program Committee (2x)  
Society for Philosophy and Psychology: President, President-Elect, Executive Board,  
Program Chair, and Local Host

Philosophy of Science Association: Public Forum Committee

Referee:

Book – Cambridge University Press; Harvard University Press; Oxford University  
Press; Routledge; Springer; Blackwell (Wiley)

Journal – *Analysis*; *Analytic Philosophy*; *Australasian Journal of Philosophy*; *British  
Journal for the Philosophy of Science*; *Dialectica*; *Disputatio*; *Ergo*; *Erkenntnis*;  
*First Language*; *Foundations of Science*; *Grazer Philosophische Studien*; *Inquiry*;  
*Journal of Consciousness Studies*; *Journal of Experimental Social Psychology*;  
*Kriterion*; *Linguistics and Philosophy*; *Mind*; *Mind & Language*; *Neurons,  
Behavior, Data Analysis, and Theory*; *Nous*; *Phenomenology and Cognitive  
Science*; *Philosophers' Imprint*; *Philosophical Papers*; *Philosophical Psychology*;  
*Philosophical Quarterly*; *Philosophical Review*; *Philosophical Studies*;  
*Philosophical Transactions of the Royal Society B*; *Philosophy and  
Phenomenological Research*; *Philosophy Compass*; *Philosophy of Science*;  
*Proceedings of the Aristotelian Society*; *Review of Philosophy and Psychology*;  
*Synthese*; *Theoria*; *Thought*

Conference/Proceedings – 14<sup>th</sup> European Summer School in Logic, Language and  
Information; American Philosophical Association; Minds Online; Society for  
Philosophy and Psychology; Southern Society for Philosophy and Psychology

Fellowships and Awards – Harris Fellowship, Grinnell College; American Academy  
in Berlin; Excellence in Scholarship Award (Siena College); University of  
Connecticut Humanities Institute; University of Connecticut Excellence in  
Research Award

Grants – National Science Foundation; Czech Science Foundation; Netherlands  
Organisation for Scientific Research (NWO) and the Council for the Humanities;  
Estonian Research Council; European Research Council; Icelandic Research  
Fund; Israel Science Foundation

University and Krieger School of Arts and Sciences

Chair: Evolution, Cognition, Culture Project; Chair: Foundations of Mind Group;  
Co-Chair: Bloomberg Distinguished Professorship in Philosophy and Cognitive Science,  
both Proposal and Search Committees; Mellon Fellows Committee; Tenure Ad Hoc  
Committees; Gilman Conferences Committee (and chair of sub-committee for “Brains,  
Minds, Humanities”); Provost’s Committee: Art and Humanities Initiative; Junior Faculty  
Mentoring (internal and external); Associate Faculty Mentoring (internal and external);  
KSAS Dean Search Committee; AI-X Steering Committee; Kavli Proposal Committee;  
CUE2 Advisory Board; MSH Advisory Board; Humanities @ 555 Working Group;  
Shared Governance Council, subcommittee on undergraduate education

Department

Department Chair (2019-present); Senior Search Committee (multiple); Junior Search  
Committee (multiple); Miller Hiring Committee (chair); Miller Prize Committee  
(multiple); Miller Retreat Committee; Futures Seminar Committee; Thalheimer Lectures  
Committee; Graduate Admissions (multiple); Graduate Life Seminar; Job Placement  
Officer (multiple); Bloomberg Committee; Faculty Mentor; Advising Committee;  
Graduate Program Review Committee

Community

Public philosophy: Speaker (multiple times), St. Anne's Episcopal Church (Annapolis, MD); Panelist for JHU Science and Film series at the Parkway (multiple times)  
Education-related volunteer work: Writing Coach, College Summit; Mentor, Brown v. Board of Education Project (Thurgood Marshall Academy); Consultant, RIME (Renovation in Music Education); Moderator, Clinton Global Initiative; Civilian Invited Participant: Strategy Implementation Seminar (U. S. Army War College); PTA President, Washington DC Taiwanese School  
Expert Witness: DLA Piper