

# JACOB BECK

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## EMPLOYMENT

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| <p><b>York University</b><br/>York Research Chair in Philosophy of Visual Perception and Associate Professor,<br/>Department of Philosophy</p> <p><i>Affiliations:</i><br/>Cognitive Science Program, Coordinator<br/>Vision: Science to Applications Program, Core Member<br/>Centre for Vision Research, Member<br/>Neuroscience Graduate Diploma Program, Member</p> | 2015–     |
| <p><b>York University</b><br/>Assistant Professor, Department of Philosophy</p>   | 2012–2015 |
| <p><b>Texas Tech University</b><br/>Assistant Professor, Department of Philosophy</p>   | 2008–2012 |
| <p><b>Washington University in Saint Louis</b><br/>James S. McDonnell Philosophy-Neuroscience-Psychology Postdoctoral Fellow</p>  | 2009–2011 |

## EDUCATION

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| <p><b>Harvard University</b><br/>Ph.D., Philosophy</p>  | 2008      |
| <p><b>University of Pennsylvania</b><br/>B.A., Philosophy, Cognitive Science Minor, <i>Summa Cum Laude</i>, <i>Phi Beta Kappa</i></p> | 1999      |
| <p><b>Pembroke College, Oxford University</b><br/>Visiting Student</p>  | 1997–1998 |

## PUBLICATIONS

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### Edited Volume

*Routledge Handbook of Philosophy of Animal Minds* (co-edited with Kristin Andrews), New York: Routledge, 2017, 522 pages

## Journal Articles

Analog Mental Representation. *WIREs Cognitive Science*, 2018, e1479.

Marking the Perception–Cognition Boundary: The Criterion of Stimulus-Dependence. *Australasian Journal of Philosophy*, 96, 2018, pp. 319–334.

Attention and Mental Primer (with Keith A. Schneider). *Mind & Language*, 32, 2017, pp. 463–494.

Can Bootstrapping Explain Concept Learning? *Cognition*, 158, 2017, pp. 110–121

Analogue Magnitude Representations: A Philosophical Introduction. *The British Journal for the Philosophy of Science*, 66, 2015, pp. 829–855

Analogue Magnitudes, the Generality Constraint, and Nonconceptual Thought. *Mind*, 123, 2014, pp. 1155–1165

Why We Can't Say What Animals Think. *Philosophical Psychology*, 26, 2013, pp. 520–546

Sense, Mentalese, and Ontology. *Protosociology*, 30: *Concepts: Contemporary and Historical Perspectives*, 2013, pp. 29–48

The Generality Constraint and the Structure of Thought. *Mind*, 121, 2012, pp. 563–600.

- Spanish Translation: “El Requisito de Generalidad y la Estructura del Pensamiento.” In M. Aguilera, L. Danón, & C. Scotto (eds.), *Conceptos, Lenguaje y Cognición*, Córdoba, Argentina: Editorial de la Universidad Nacional de Córdoba, 2015, pp. 225–281

Do Animals Engage in Conceptual Thought? *Philosophy Compass*, 7, 2012, pp. 218–229

## Book Chapter

Do Nonhuman Animals Have a Language of Thought? *Routledge Handbook of Philosophy of Animal Minds*, K. Andrews & J. Beck (eds.), New York: Routledge, 2017, pp. 46–55

## Other Publications

Some Worries about the “No-Overflow” Interpretation of Post-Stimulus Cueing Experiments. *The Brains Blog, Mind & Language Symposium on S. Gross and J. Flombaum, “Does Perceptual Consciousness Overflow Cognitive Access? The Challenge from Probabilistic, Hierarchical Processes,”* June 12, 2017

The Only Good Reason to Ban Steroids in Baseball: To Prevent an Arms Race. *The Atlantic*, June 17, 2013

Atomism about Concepts. *Encyclopedia of the Mind, SAGE Reference*, 2013

## SELECT AWARDS

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York Research Chair, Tier II  
York University (\$100,000 CAD)

2018–2023

Antwerp Centre for Philosophical Psychology Annual Essay Prize "Perceptual Content is Non-Propositional: The Argument from Weber's Law" (€1,000)	2017
Social Sciences and Humanities Research Council (SSHRC) Insight Grant <i>Beyond Language: How the Mind Represents the World</i> (\$89,253 CAD)	2017–2022
American Council of Learned Societies (ACLS) Fellowship <i>Beyond Language: How the Mind Represents the World</i>	2015
James S. McDonnell Postdoctoral Fellowship, Washington University in Saint Louis Philosophy-Neuroscience-Psychology Program	2009-2011

## PRESENTATIONS

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### Refereed

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Hallucinations and Perceptual Noise	
World Congress of Philosophy, Beijing	Aug 2018
Canadian Philosophical Association, Montreal	Jun 2018
Conscious Experience and the Limits of Science	
Ontario Science Centre, Toronto	Mar 2018
Chrysippus' Dog Reconsidered	
ECOM Research Group, University of Connecticut	Mar 2018
Is Sensory Experience Analog?	
LEMM Group, University of Toronto	Mar 2018
Winter Philosophy of Perception Workshop, University of California San Diego	Feb 2018
*Society for Philosophy and Psychology, Baltimore	Jun 2017
Canadian Philosophical Association, Toronto	May 2017
Cognitive Science Speaker Series, York University	Feb 2017
Stimulus-Dependence and the Perception–Cognition Boundary	
The Thought and Sense Conference, University of Oslo	Nov 2017
Mental Primer	
Centre for Vision Research Retreat, Toronto	Oct 2017
Is Perception Analog?	
Centre for Vision Research Retreat, Toronto	Sep 2016
Workshop on Analog Contents and Magnitudes, University of Antwerp	Nov 2015
Marking the Perception–Cognition Boundary	
Top-Down Influences Workshop, University of Glasgow	Sep 2015
Centre for Vision Research, York University	May 2015
*Southern Society for Philosophy and Psychology, New Orleans	Apr 2015
*American Philosophical Association Central Division, Saint Louis	Feb 2015
*Society for Philosophy and Psychology, Vancouver	Jun 2014
*9th International Symposium: Perception and Concepts, University of Latvia	May 2013
Department of Philosophy, Carleton University	Mar 2013

Analog Mental Representations Iconicity Workshop, University of California Los Angeles	Jun 2015
The Significance of Saliency Attention and Conscious Perception Workshop, York University	May 2015
Can Bootstrapping Explain Concept Learning? Centre for the Study of Mind in Nature, University of Oslo	May 2013
Department of Philosophy, Queen's University, Kingston	Nov 2012
Why We Can't Say What Animals Think Department of Philosophy, Bard College	Apr 2013
Department of Philosophy, University of Missouri at Saint Louis	Apr 2012
Department of Philosophy, York University	Jan 2011
Analog Magnitudes: A Philosophical Introduction *Southern Society for Philosophy and Psychology, Austin	Feb 2013
The Ethics of Performance-Enhancing Drugs Cognitive Science Student Association & Philosophia, York University	Feb 2013
The Generality Constraint and the Structure of Thought Workshop: Concepts and Perception, National University of Cordoba	Dec 2012
Center for Philosophy of Science, University of Pittsburgh	Oct 2011
On D. Murray, J. Sytsma, and J. Livengood's "God Knows (But Does God Believe?)" American Philosophical Association Pacific Division, Seattle	Mar 2012
An Empirical Objection to Concept Atomism *Society for Philosophy and Psychology, Montreal	Jul 2011
On C. Buckner's "Reforming the Distinction between Cognition and Mere Association" American Philosophical Association Pacific Division, San Diego	Apr 2011
The Problem of Animal Minds Philosophy Public Lecture Series, Texas Tech University	Nov 2010
Sense, Mentalese, and Ontology Department of Philosophy, Texas Tech University	Nov 2010
PNP Program, Washington University in Saint Louis	Sep 2010
Analog Magnitudes: A Case Study in Nonconceptual Thought Department of Philosophy, Texas Tech University	Feb 2010
The Roots of War: Evolutionary and Cognitive Origins of Human Warmongering *Philosophical Perspectives on Peace III, Boazici University	Jun 2009
Simulation or Theory? On William M. Ramsey's "How Not to Build a Hybrid" American Philosophical Association Pacific Division, Vancouver	Apr 2009
The Mixed View of Concepts: A Defense *American Philosophical Association Central Division, Chicago	Feb 2009

## COURSES TAUGHT

(\* = graduate course)

**York University:** Minds, Brains, and Machines (Introduction to Cognitive Science); Seminar in the Philosophy of Mind; Honours Seminar in Cognitive Science; Philosophy of Cognitive Science\*; First-Year PhD Seminar\*; Core Theoretical Philosophy\*; Major Figures in Philosophy of Psychology\*

**Texas Tech University:** Beginning Philosophy; The Science of the Mind; Minds, Brains, and Computers; Philosophical Psychology\*; Issues in Logic and Epistemology

**Washington University in Saint Louis:** Introduction to Cognitive Science; Philosophy of Psychology; Theories of Concepts

**Harvard University:** The Analytic and the Synthetic; Philosophy of Perception

## REFEREEING

**Journals:** *Acta Analytica*; *Analysis*; *Australasian Journal of Philosophy*; *Canadian Journal of Philosophy*; *Cognition*; *Dialectica*; *Ergo*; *Erkenntnis*; *European Journal for the Philosophy of Science*; *Grazer Philosophische Studien*; *Inquiry*; *Mind*; *Mind & Language*; *Noûs*; *Philosopher's Imprint*; *Philosophical Quarterly*; *Philosophical Studies*; *Philosophies*; *Philosophy and Phenomenological Research*; *Thought*; *Philosophy of Science*; *Philosophical Psychology*; *Pacific Philosophical Quarterly*; *Review of Philosophy and Psychology*; *Synthese*; *Thought*; *WIREs Cognitive Science*

**Books:** Cambridge University Press; Oxford University Press

**Grants:** National Science Foundation; Social Sciences and Humanities Research Council of Canada

**Conferences:** Society for Philosophy and Psychology; Minds Online Conference

## OTHER SERVICE (excluding committee work)

Area Editor, <i>Ergo</i>	Aug 2018–
Coordinator, Cognitive Science Program, York University	Jul 2018–
Founder and Organizer, Philosophy of Perception Reading Group, York University	Feb 2017–
Co-Organizer (w/ S. Schellenberg), Perceptual Capacities and Psychophysics Workshop, Rutgers University	Oct 2018
Organizer, Perception–Cognition Boundary Symposium, CPA, Montreal	Jun 2018
Coordinator, Philosophy of Cognitive Science Program, CPA, Montreal	Jun 2018
Co-Organizer (w/ S. Schellenberg), Perceptual Capacities and Magnitudes Workshop, York University	May 2018
Organizer, Sensation and Perception Symposium, CPA, Toronto	Jun 2017
Coordinator, Philosophy of Cognitive Science Program, CPA, Toronto	Jun 2017

Co-Coordinator (w/ K. Andrews), Origins of Logical Reasoning Workshop, York University	May 2016
Coordinator, Attention and Conscious Perception Workshop, York University	May 2015
Coordinator, Philosophy Speaker Series, Texas Tech	2011–12
Coordinator, Philosophy-Neuroscience-Psychology Speaker Series, Washington University in Saint Louis	2010–11
Coordinator, Concept Learning Workshop, Washington University in Saint Louis	May 2010

## **CAREER INTERRUPTIONS**

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I was on parental leave following the birth of my first child from July 22, 2014 to December 23, 2014, and then again following the birth of my second and third children (twins) from December 30, 2015 to April 26, 2016.