

SEAN C. EBELS DUGGAN

Department of Philosophy, Northwestern University,
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EMPLOYMENT

Visiting Lecturer in Philosophy, Northwestern University, 2007-present.

EDUCATION

Ph.D in Philosophy (Logic and Philosophy of Science Track), University of California, Irvine, June 2007.

M.A. in Mathematics, Boston College, May 2001.

M.Litt in Philosophy (with distinction), University of St Andrews (UK), November 1998.
Thesis: *Davidson, Truth, and Logical Form*. Director: Peter Sullivan.

B.A. in Philosophy (*cum laude*), Wheaton College (IL), May 1997.

AREAS OF SPECIALIZATION

Philosophy of logic and mathematics.

AREAS OF COMPETENCE

Logic, Early Analytic Philosophy, Kant.

DISSERTATION SUMMARY

Logic and rational norms in Kant and Wittgenstein's Tractatus

Logic is normative: those who believe contrary to logical laws warrant the criticism of being called irrational. *Logical essentialism*, a view common to Kant and Wittgenstein's *Tractatus*, claims logical laws reflect formal features of thought without which belief would be impossible. This view suggests a philosophical account of logic's normativity: belief in logically incompatible propositions is defective for failure to exhibit the correct formal features. I examine Kantian and Tractarian essentialism with an eye toward their ability to characterize of logical norms, and draw some lessons from their success and failures. Most notably, I argue that the essentialist account of logical normativity succeeds only if it takes logical form as expressive, rather than explanatory, of logical norms.

Committee: Penelope Maddy (*Chair*), Charles Parsons, William Bristow, Kyle Stanford.

HONORS AND AWARDS

University of California Regents Dissertation Fellowship, Winter 2006.
University of California Regents Summer Research Fellowship, Summer 2004.
University of California Regents Pre-Dissertation Fellowship, Spring 2003.
University of California Regents Summer Research Fellowship, Summer 2002.
University of California, Irvine School of Social Sciences Merit Fellowship, 2001-2.
University of California, Irvine Chancellor's Fellowship, 1998-9.
(forfeited on transfer from Department of Philosophy to Department of Logic and Philosophy of Science in 2001).
National Merit Scholar, 1993.

PRESENTATIONS AND SERVICE

“Eliminating Logical Knowledge”
Northwestern University, February 2007.

“The Inertness of Logical Form”
University of Illinois-Chicago Philosophy of Mathematics Reading Group, December 2006.

“Kant, Logical Form, and Logical Norms”
Harvard University Workshop in Metaphysics and Epistemology, March 2006.

“Rational Norms and Logical Truth”
Harvard University Workshop in Metaphysics and Epistemology, November 2005.

“Essentialism and Semantic Skepticism in Wittgenstein's *Tractatus*”
Harvard University Workshop in Metaphysics and Epistemology, March 2005.

“Kant's Logical Idealism”
Harvard University Workshop in Metaphysics and Epistemology, October 2004.
University of California, Irvine Graduate Student Colloquium, October 2004.

“Frege on the Normativity of Logic”
Harvard/MIT Friends and Eminees Reading group, Spring 2004.

“On the Uses of Dedekind's Theorem”
Midwest Philosophy of Mathematics Workshop, University of Notre Dame, November 2002.
University of California, Irvine Graduate Student Colloquium, November 2002.

“What is it like to be a Fact?”
St Andrews Metaphysics and Epistemology Retreat, February 1998.

Ad hoc referee for *Journal of Philosophical Logic*.

TEACHING EXPERIENCE

Lecturer, Northwestern University:

Elementary Logic II, Winter 2008.
Elementary Logic I, Fall 2007.
Classics of Analytic Philosophy, Fall 2007.

Junior Tutorial Instructor, Harvard University:

Berkeley and Hume on Metaphysics and Religion (Department of Philosophy), Winter 2006.
Religion and Mathematics (Committee for the Study of Religion), Fall 2004.

Teaching Assistant, Harvard University:

Introduction to Modern Philosophy, Spring 2005.
Logic and Philosophy, Spring 2004.
Deductive Logic, Fall 2003, Fall 2000.

Teaching Assistant, University of California, Irvine:

Theory of Knowledge, Winter 2003.
Elementary Set Theory, Fall 2002.
Inductive Logic, Spring 2002.
Symbolic Logic, Winter 2002.
Contemporary Moral Problems, Fall 2001.

Graduate Instructor (in Mathematics), Boston College:

Linear Mathematics and Applications, Spring 2001.
Finite Probability and Applications, Fall 2000.

Teaching Assistant (in Mathematics), Boston College:

Calculus II, Spring 2000.

GRADUATE COURSEWORK

(* denotes audited courses, † denotes seminars)

Metaphysics and Epistemology

Harvard University

*Meaning and Communication**
*The Later Philosophy of Wittgenstein**
*Mathematics and Ontology**†

Richard Heck
Warren Goldfarb
Charles Parsons

(GRADUATE COURSEWORK, Metaphysics and Epistemology, continued)

University of California, Irvine	
<i>Philosophy of Logic I[†], II[†]</i>	Penelope Maddy
<i>Indeterminacy[†]</i>	Penelope Maddy
<i>McDowell's <u>Mind and World</u>[†]</i>	Alan Nelson
<i>Geometry and Spacetime</i>	David Malament
<i>Introduction to Philosophy of Mathematics[†]</i>	Penelope Maddy
<i>Frege's Philosophy of Mathematics[†]</i>	Aldo Antonelli
<i>First Year Seminar: Atomism[†]</i>	Alan Nelson
University of California, Los Angeles	
<i>Wittgenstein's <u>Philosophical Investigations</u>[*]</i>	Gavin Lawrence, Andrew Hsu
University of St Andrews	
<i>Response Dependent and Judgment Dependent Concepts[*]</i>	Crispin Wright
<i>Philosophy of Language</i> (Half-course)	Charles Travis
<i>Wittgenstein II</i>	Charles Travis
<i>Wittgenstein I</i>	Peter M. Sullivan
<i>Epistemology</i> (Half-course)	Leslie Stevenson
<i>Philosophy of Mind</i> (Half-course)	Alan Miller

Mathematics and Logic

Harvard University	
<i>From Frege to Gödel[†]</i>	Warren Goldfarb
<i>Set Theory[*]</i>	Peter Koellner
<i>Frege's Formal Development of Arithmetic[†]</i>	Richard Heck
University of California, Irvine	
<i>Logic for Artificial Intelligence[†]</i>	Aldo Antonelli
<i>Set Theory II</i>	Matthew Foreman
<i>Set Theory I</i>	Paul Eklof
<i>Descriptive Set Theory I[†], II[†]</i>	Martin Zeman
<i>Metamathematics of First Order Arithmetic[†]</i>	Aldo Antonelli
<i>Recursion Theory and Incompleteness[†]</i>	Martin Zeman
<i>Topics in Logic: STTT, Metamathematics[†]</i>	Aldo Antonelli
<i>Basic Model Theory[†]</i>	Martin Zeman
<i>Free Logics[†]</i>	Karel Lambert
<i>Metalogic</i>	Aldo Antonelli
<i>Elementary Set Theory</i>	Penelope Maddy

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Boston College

Algebra and Cryptography†
Set Theory
Probability
Topology I, II
Logic II: Foundations of Mathematics
Analysis I, II
Modern Algebra I, II
Theory of Functions of a Complex Variable I

William Keane
Ned Rosen
Daniel Chambers
G. R. Meyerhoff
Ned Rosen
Nancy Rallis
William Keane
John Shanahan

History of Philosophy

Harvard University

*Kant's Critique of Pure Reason**†
*Kant's Critique of Pure Reason**
*Historical Roots of Mathematical Structuralism**†

R. Lanier Anderson
Charles Parsons
Charles Parsons

University of California, Irvine

Kant's First Critique
History and Philosophy of Calculus†

William Bristow
Aldo Antonelli

University of St Andrews

Philosophers of the Scottish Enlightenment
History of Analytic Philosophy

Anthony Pitson
Peter Clark, John Skorupski

Moral Philosophy

University of California, Irvine

Korsgaard's Sources of Normativity†

William Bristow

University of St Andrews

Ethics (Half course)

Garrett Cullity

REFERENCES

Penelope Maddy, Professor of Logic and Philosophy of Science, University of California, Irvine.

Charles Parsons, Professor Emeritus of Philosophy, Harvard University.

Aldo Antonelli, Professor of Logic and Philosophy of Science, University of California, Irvine.

P. Kyle Stanford, Associate Professor of Logic and Philosophy of Science, University of California, Irvine

William Bristow, Assistant Professor of Philosophy, University of Wisconsin, Milwaukee.