Curriculum Vitæ

JOHN PATTON BURGESS

PERSONAL DATA
Date of Birth 5 June, 1948
Place of Birth Berea, Ohio, USA
Citizenship USA
Office Address Department of Philosophy
Princeton University
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ACADEMIC EMPLOYMENT
PRINCETON UNIVERSITY
DEPARTMENT OF PHILOSOPHY
2009- John N. Woodhull Professor of Philosophy
1986-2009 Professor
1981-1986 Associate Professor
1975-1981 Assistant Professor
UNIVERSITY OF WISCONSIN AT MADISON
DEPARTMENT OF MATHEMATICS
1974-75 Post-Doctoral Instructor

HIGHER EDUCATION
1970-1974 UNIVERSITY OF CALIFORNIA AT BERKELEY
1974 PH.D. IN LOGIC & METHODOLOGY
Dissertation: Infinitary Languages & Descriptive Set Theory
Supervisor: Jack H. Silver
1969-1970 THE OHIO STATE UNIVERSITY
1970 M. S. IN MATHEMATICS
Thesis: Obstacles to Embedding 4-Manifolds
Supervisor: Henry H. Glover
1966-1969 PRINCETON UNIVERSITY
1969 A.B. IN MATHEMATICS (summa cum laude, FBK)
Thesis: Probability Logic
Advisor: Simon B. Kochen

EDITORIAL AND RELATED ACTIVITIES
F.O.M. [Foundations of Mathematics Moderated Electronic Discussion Board]
2010- Member, Editorial Board
TEMPLETON FOUNDATION
2008 Juror, Gödel Centenary Research Prize Fellowships
2007 Juror, Exploring the Infinite, Phase I: Mathematics and Mathematical Logic
PHILOSOPHICAL STUDIES
2006- Consulting Editor
MACMILLAN ENCYCLOPEDIA OF PHILOSOPHY, 2ND ED.
2004-06 Consulting Editor for Logic
ASSOCIATION FOR SYMBOLIC LOGIC
2008- Member of Editorial Board for Reviews, Bulletin of Symbolic Logic
2000-04 Member of Committee on Awards and Prizes
1998-03 Member of Editorial Board, Bulletin of Symbolic Logic
1991-93 Member of Council
1988-93 Editor for Surveys, Journal of Symbolic Logic
1988-90 Member of Executive Committee
1982-88 Consulting Editor, Journal of Symbolic Logic
1997-2003 Editor for Logic

PHILOSOPHIA MATHEMATICA

1992- Member of Editorial Board

NOTRE DAME JOURNAL OF FORMAL LOGIC

1989-95 Member of Editorial Board

ACADEMIC ADMINISTRATION

PHI BETA KAPPA, BETA NEW JERSEY CHAPTER

2006-2009 President

PRINCETON UNIVERSITY

2004-2009 Judicial Committee, Chair

2003- Judicial Committee, Member

1997-1999 Member of University Committee on Examinations and Standing

DEPARTMENT OF PHILOSOPHY, PRINCETON UNIVERSITY

1988- "Departmental Representative" (Director of Undergraduate Studies)

HONORS

2013 Phi Beta Kappa Teaching Award, Princeton University

2012 American Academy of Arts and Sciences, elected fellow

2007 Inaugural Shoenfield Book Prize (for Fixing Frege), Association for Symbolic Logic

PUBLICATIONS [EXCLUSIVE OF ABSTRACTS & SHORT REVIEWS]

BOOKS


PAPERS


"A Selector Principle for $\Sigma^1_1$ Equivalence Relations", Michigan Mathematical Journal 27, 65-76.


"On the Hanf Number of Souslin Logic", Journal of Symbolic Logic 43, 568-571.


"Effective Enumeration of Classes in a $\Sigma^1_1$ Equivalence Relation", Indiana University Mathematical Journal 28, 353-364.

"A Reflection Phenomenon in Descriptive Set Theory", Fundamenta Mathematicae 104, 127-139.
"Logic & Time", Journal of Symbolic Logic 44, 566-582.
"A Measurable Selection Theorem", Fundamenta Mathematicæ 100, 91-100.

[1980]


[1981]


[1982]


[1983]

"Classical Hierarchies from a Modern Standpoint, I. C-Sets", Fundamenta Mathematicæ 115, 81-95.
"Classical Hierarchies from a Modern Standpoint, II. R-Sets", Fundamenta Mathematicæ 115, 97-105.

[1984]

"Dummett's Case for Intuitionism", History & Philosophy of Logic 5, 177-194.

[1985]


[1986]


[1989]


[1991]


"Hintikka et Sandu versus Frege in re Arbitrary Functions", Philosophia Mathematica [series 3], 1, 50-65.

“How Foundational Work in Mathematics Can be Relevant to Philosophy of Science”, PSA 92 [Proceedings of the 1992 Convention of the Philosophy of Science Association], II [invited papers], 433-441.


"Which Modal Logic Is the Right One?", Notre Dame Journal of Formal Logic 40 [Special Issue on George S. Boolos], 81-93.


“Numbers and Ideas”, Richmond Journal of Philosophy 1, 12-17.

“Which Modal Models are the Right Ones (for Logical Necessity)?”, Theoria (San Sebastián) 18, 145-158.

"A Remark on Henkin Sentences and Their Contraries”, Notre Dame Journal of Formal Logic 44, 185–188.


“Mathematics and Bleak House,” in Philosophia Mathematica 12, 18-36.

“E Pluribus Unum: Plural Logic and Set Theory”, Philosophia Mathematica 12, 193-221.

"Translating Names", Analysis 65, 196-204.


“On Anti-Anti-Realism”, Facta Philosophica vol. 7 (2005), 121-144.


"Against Ethics", Ethical Theory & Moral Practice.

in Mathematics, Modality, and Models: Selected Philosophical Papers (see above)


“Tarski’s Tort”, 149-168.


REPRINTINGS/NEW EDITIONS


REFERENCE BOOK CHAPTERS & ENCYCLOPEDIA ENTRIES


“Tense Logic”,
“Forcing”,
“Independence Results”
Encyclopedia of Philosophy Supplement
"Mathematical Logic",
"Kripke, Saul A.", both in


“Set Theory”,
“Constructible Universe”,
8“Forcing”, all in
Blackwell Guide to Philosophical Logic
“Set Theory”,


"Kripke on Truth", ibid, 141-159.


"Kripke on Truth", ibid, 141-159.


REVIEWS

C. Wright, Frege's Conception of Numbers as Objects, The Philosophical Review 93, 638-640.


C. Chihara, Constructibility & Mathematical Existence, The Philosophical Review, …


[1993] H. Field, Realism, Mathematics and Modality, Philosophy Mathematica [series 3], 1, 180-188.


Mark Balaguere, Platonism and Anti-Platonism in Mathematics, Philosophical Review.


Charles Parsons, Mathematics in Philosophy, Philosophy of Science, 74, 549-552.


Charles Parsons, Mathematical Thought and Its Objects, Philosophy Mathematica 16, 403-408.

[2009] Paul Gregory, Quine's Naturalism, Notre Dame Philosophical Reviews 2009.05.19, <http://ndpr.nd.edu/review.cfm?id=16068>


**FORTHCOMING**

"Lewis on Set Theory", in B. Loewer & J. Schaffer (eds.) *David Lewis*, Blackwell
review of Charles Parsons, *Philosophy of Mathematics in the Twentieth Century: Selected Essays*, Harvard University Press; for *History and Philosophy of Logic*
*Rigor and Structure*, Oxford University Press

**PUBLIC LECTURES**

1974 "Projective Equivalence Relations" Department of Mathematics, Purdue University
1975 "Consistency Results on Two-Cardinal Theorems" Logic Colloquium, Yale University
1976 "Analytic Plane Sets" Logic Colloquium, Pennsylvania State University
1977 "Analytic Sets & the Continuum Problem" Department of Mathematics, University of Florida
"The Continuum Hypothesis" [in Greek] Greek Mathematical Society, Athens
"Logic & Time" Association for Symbolic Logic, meeting at Washington
1979 "Intuitionism: Models & Muddles" Midwest Model Theory Colloquium, meeting at University of Illinois at Chicago
1980 "Recent Progress in Measurable Selection Theory" Mathematics Department, Lehigh University
"What Are R-Sets?" Association for Symbolic Logic, meeting at Patras
1981 From Preference to Utility" [in Greek] Department of Mathematics of the University of Crete From Preference to Utility" [in Greek] Department of Mathematics, University of Patras
"Decision Problems Concerning the Real Numbers" Department of Mathematics, University of Haifa
"Recent Results in Tense Logic" Department of Mathematics, Bar-Ilan University
"Selection, Perfection, Dissection" Set Theory Colloquium, Institute for Advance Study, Hebrew University of Jerusalem
"Is Progress Possible in the Theory of Conditionals?" Department of Philosophy, Catholic University of Tilburg
"Is Progress Possible in the Theory of Conditionals?" Department of Philosophy, Catholic University of Nijmegen
"The Nominalist's Dilemma"
Logic Club, Catholic University of Nijmegen  
"Future Contingents"  
Department of Philosophy, University of Gröningen  
"Future Contingents"  
Department of Philosophy, University of Amsterdam  
"Forcing"  
Department of Mathematics, University of Utrecht  
"Ramsey's Theorem’ [in Greek]  
Greek Mathematical Society, Patras  
"Mesurable Selection Theorems in Descriptive Set Theory" [course of eight lectures]  
Mathematics Institute, Yugoslav Academy of Sciences, Belgrade  
"Decision Problems Concerning Real Numbers: Recent Progress"  
Department of Mathematics, University of Novi Sad  
"From Preference to Utility"  
Department of Mathematics, University of Belgrade  
1982  
"From Preference to Utility"  
Department of Mathematics, Yale University  
"Decision Problems Concerning Real Numbers: Further Progress"  
Logic Colloquium, Yale University  
"Relevance Logic: A Critical Examination"  
Department of Philosophy & Cognitive Sciences Group, State University of New York at Buffalo  
1983  
"Mathematical Reality"  
Association for Symbolic Logic, meeting at Berkeley  
1984  
"The Truth Is Never Simple"  
Mid-Atlantic Mathematical Logic Seminar, meeting at Institute for Advanced Study, Princeton  
"The Truth Is Never Simple"  
Logic Colloquium, Ohio State University  
"Anti-Realism in Recent Philosophy of Mathematics"  
Department of Philosophy, Ohio State University  
"Temporal Logic & Monadic Second-Order Logic"  
Philadelphia Logic Colloquium, meeting at University of Pennsylvania  
1985  
"On Trading Ontology for Logic"  
Conference on the Role of Logic in Philosophy of Science, University of Pittsburgh  
Truth for Arithmetic” [in Greek]  
Department of Mathematics, University of Crete  
1987  
"Independence Results in Finite Combinatorics"  
Department of Mathematics, Trenton State College  
"Epistemology & Nominalism"  
Conference on Nominalism, University of Rochester  
"Epistemology & Nominalism"  
Department of Philosophy, University of California at Berkeley  
1988  
"Measurable Selection Theorems: Between Foundations & Applications"  
Department of Mathematics, Ohio State University  
"Ethics as an Intellectual Discipline: A Modest Proposal"  
Department of Philosophy, Ohio State University  
"Sets & Point-Sets"  
Philosophy of Science Association, meeting at Evanston  
"Anti-Classical Entailment Logics"  
Interdisciplinary Conference on Axiomatic Systems, Ohio State University  
1989  
"Ethics as an Intellectual Discipline: A Modest Proposal"  
Department of Philosophy, University of Minnesota  
1990  
"Ontology Naturalized?"  
Department of Philosophy, Columbia University  
"Conditional Logics & Non-Monotonic Inference"
Logic Colloquium, Graduate Center, City University of New York
"Non-Classical Logic and Ontological Non-Commitment"
9th International Congress of Logic, Methodology, and Philosophy of Science, Uppsala, Sweden
[organizer and speaker, with Charles Chihara:]
Symposium on Modality and Existence
Princeton University

1991

Symposium [with G. Hellman, H. Friedman, S. Feferman]
"Is Work In Foundations of Mathematics Relevant to Philosophy of Science?"
Philosophy of Science Association Biannual Convention, Chicago, Illinois

1992

"Occam’s Razor and Scientific Method”,
Conference “Philosophy of Mathematics Today”,

1993

Commentary on the Papers of
G. Link, “Mereology, Second-Order Logic, and Set Theory”, and
Peter Simons, “Higher-Order Quantification and Ontological Commitment”
American Philosophical Association, Pacific Division Meeting, Seattle, Washington

1995

"Quinus ab Omne Nævo Vindicatus” [“Quine Freed from Every Blemish”]
Massachusetts Institute of Technology

1997

George Boolos Memorial Conference, University of Notre Dame
"Mathematics and Bleak House"
Association for Symbolic Logic, annual convention
University of San Diego
"Are Mathematical Entities Collective Human Concepts?"
debate with Reuben Hersh, President’s Debate Series, University of Richmond
"Is There a Problem about Deflationary Theories of Truth?"
Colloquium on Truth, Necessity, and Provability,
Catholic University of Leuven

1998

"Which Modal Logic Is the Right One?"

1999

Association for Symbolic Logic, annual convention
University of San Diego
"Nominal Essence and Verbal Necessity”, Miniconference on Logic, University of Calgary, Alberta.

2001

"Computability, Logic, and Number Theory” (course of four lectures), Ross Program, Ohio State University.

2002


2003

"E Pluribus Unum”, Logic Colloquium, University of Pennsylvania
"E Pluribus Unum”, Department of Logic & Philosophy of Science, University of California at Irvine

2004

Comments on Penelope Maddy’s “Mathematical Existence”, annual Chapel Hill Colloquium, University of North Carolina at Chapel Hill.
“Being Explained Away”, Department of Philosophy, University of Southern California.

2005

"Logicism: A New Look”, Inauguration of the UCLA Logic Center.
"Tarski’s Tort", Seminar on Philosophy of Mathematics, University of Notre Dame.
“Philosophy of Mathematics Meets Philosophy of Science”, annual lecture series, Center for Philosophy of Science, University of Pittsburgh.
“Anti-Anti-Realism”, Fifth European Congress for Analytic Philosophy, Lisbon, Portugal
"Nominal Essence and Verbal Necessity", Miniconference on Logic, University of Calgary, Alberta.

2006

"The Marcus-Kripke Plagiarism Scandal/Hoax”, Department of Philosophy, Temple University
" Philosophy’s Gödel Problem", Institute for Advance Study Gödel Centenary.
2007
Commentary on Brian Laetz, "Epistemology Neutralized" NJRPA, TCNJ

2008
"The Mystery of Modality", Paper Tigers Series, Department of Philosophy, Princeton University
“Possible Worlds Semantics” and "Truth", Kripke Center Inauguration Round-Table Discussions, City University of New York Graduate Center
"Socratizing", Quine 100 (Celebration of 100th Anniversary of the Birth of W. V. Quine), Princeton University
"Putting Structuralism in Its Place" Stanford, logic colloquium

2009
"Impredicative Fregean Theories" Stanford, logical methods colloquium
"Putting Structuralism in Its Place" NYU, conference on objectivity in mathematics
"Friedman and the Axiomatization of Kripke's Theory of Truth", Ohio State University, conference in honor of Harvey Friedman
"Intuitions of Three Kinds in Gödel's Views on the Continuum", symposium on Gödel, American Philosophical Association annual meeting, New York

2010
comments on Charles Parsons Mathematical Thought and Its Objects, American Philosophical Association, Pacific Division meeting, San Francisco
"On Structuralism" Keynote Address, Annual Princeton-Rutgers Philosophy Graduate Student Conference
"Mathematical Practice, Philosophy of Mathematics, and Structuralism" conference on Structure and Identity, University of Bristol
"Set-Theoretic Foundations and the Structuralist Illusion", conference on Set Theory, University of Pennsylvania.

2011
"Reply to Matti Eklund", Pillars of Truth: Philosophical and Logical Theories of Truth, Conference at Princeton.

2012
"The Origin of Necessity & the Necessity of Origin", Second Annual Saul Kripke Lecture, Saul Kripke Center, CUNY Graduate Center.
ditto, CRNAP conference on Modality, Princeton.

2013
"Realism and Pragmatism about Modality", University of Connecticut
"Epistodes in the History of Semantics", CRNAP conference on Semantics: Mathematics or Psychology, Princeton.
Commentary on A. Rayo, Constructing Logical Space, book release event, MIT
replies to G. Ostertag, A. Berger, book release event for Saul Kripke: Puzzles and Mysteries, Princeton.

2014
"Modality and Mentality", Ohio State University
"Modality and Mentality: Suspicions about Supervenience", University of Maryland