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
Princeton, NJ 08544-1006 USA
Office Telephone/ Voice Mail: (609)-258-4310
E-mail address: jburgess@princeton.edu

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, ФВК)
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
PHILOSOPHIA MATHEMATICA
1992-2019
Member of Editorial Board
PHILOSOPHICAL STUDIES
2006-2020
Consulting Editor
MACMILLAN ENCYCLOPEDIA OF PHILOSOPHY, 2ND ED.
2004-2006
Consulting Editor for Logic
STANFORD [ON-LINE] ENCYCLOPEDIA OF PHILOSOPHY
1997-2003
Editor for Logic
ASSOCIATION FOR SYMBOLIC LOGIC
2008-2014
Member of Editorial Board for Reviews, Bulletin of Symbolic Logic
2000-2004
Member of Committee on Awards and Prizes
1998-2003
Member of Editorial Board, Bulletin of Symbolic Logic
1991-1993
Member of Council
1988-1993
Editor for Surveys, Journal of Symbolic Logic
1988-1990
Member of Executive Committee
1982-1988
Consulting Editor, Journal of Symbolic Logic
1989-1995 Member of Editorial Board

ACADEMIC ADMINISTRATION

PHI BETA KAPPA, BETA NEW JERSEY CHAPTER

2006-2009 President
PRINCETON UNIVERSITY

2004-2009 Judicial Committee, Chair

2003-2004 Judicial Committee, Member

1997-1999 Member of University Committee on Examinations and Standing
DEPARTMENT OF PHILOSOPHY, PRINCETON UNIVERSITY

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

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


[2015] Rigor & Structure, Oxford University Press

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 Mathematicæ 104, 127-139.

"Logic & Time", *Journal of Symbolic Logic* 44, 566-582.
"A Measurable Selection Theorem", *Fundamenta Mathematicae* 100, 91-100.

[S1980]


[S1981]


[S1982]


[S1983]

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

[S1984]

"Dummett's Case for Intuitionism", *History & Philosophy of Logic* 5, 177-194.
"Synthetic Mechanisms", *Journal of Philosophical Logic* 13, 379-395

[S1985]

"From Preference to Utility: A Problem of Descriptive Set Theory", *Notre Dame Journal of Formal Logic* 26 [Hebrew University Logic Year issue], 106-114.

[S1986]


[S1988]


[S1989]

"Synthetic Mechanics Revisited", *Journal of Philosophical Logic* 20, 121-130.

[S1992]


“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.


"How Not to Write History of Philosophy: A Case Study", *ibid.*, 125-136.


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


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


[2007] "Against Ethics", *Ethical Theory & Moral Practice*.

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


“Tarski’s Tort”, 149-168.


[2016] “Kripke on Functionalism”, Crítica 48: 3-18

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”,
“Forcing”, all in

[2001] Blackwell Guide to Philosophical Logic
“Set Theory”,


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


"Logic as a Phase (To Be Grown Out Of)” in B. Armour-Garb & F. Kroon (eds.), Fictionalism, Oxford University Press.

REVIEWS


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

S. Read, Relevant Logic, Mind 99,140-142.

B. Hale, Abstract Objects, The Philosophical Review, …

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


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


P. J. Davis, R. Hersh, & E. A. Marchisotto, The Mathematical Experience: study edition, Philosophy Mathematica 5, 175-180


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


Jonathan Bennett, A Philosophical Guide to Conditionals, Bulletin of Symbolic Logic 10, 565-570


Charles Chihara, A Structural Account of Mathematics, Philosophy Mathematica 13, 78-90.


[2020] Luca Incurvati *Conceptions of Set and the Foundations of Mathematics* for *Philosophia Mathematica* (on-line journal)

OTHER


FORTHCOMING

“Kripke on Modality” in O. Bueno & S. Shalkowski (eds.) *Routledge Handbook of Modality* [advertised for delivery 29 December 2020]

"Meditations on Second Philosophy: Anti-Nominalist Reflections on Maddy's Semi-Nominalism”in Juliette Kennedy (ed.) volume on Penelope Maddy in Springer series *Outstanding Contributions to Logic*. [accepted]

review of Scott Soames, *The World Philosophy Made: From Plato to the Digital Age*, chapters 5-10, for a book symposium in *Philosophical Studies* [awaiting submissions of other symposiasts]

*Set Theory* Cambridge University Press *Elements* series [comissioned, under contract]

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
"Intuitionism: Models & Muddles"
Midwest Model Theory Colloquium, meeting at University of Illinois at Chicago
"Recent Progress in Measurable Selection Theory"
Mathematics Department, Lehigh University
"What Are R-Sets?"
Association for Symbolic Logic, meeting at Patras
"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 Advanced 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 Groningen
"Future Contingents"
Department of Philosophy, University of Amsterdam
"Forcing"
Department of Mathematics, University of Utrecht
'Ramsey's Theorem' [in Greek]
Greek Mathematical Society, Patras
"Measurable 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
"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
"Mathematical Reality"
Association for Symbolic Logic, meeting at Berkeley
"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
1991
"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
1992
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
1993
“Occam’s Razor and Scientific Method”,
Conference “Philosophy of Mathematics Today”,
sponsored by the Deutsche Forschungsgemeinschaft and Mind Association,
held at Catholic Academy of Bavaria, Munich
1995
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
1997
“Quinns ab Omne Neve Vindicatus” [“Quine Freed from Every Blemish”]
Massachusetts Institute of Technology
1998
"Which Modal Logic Is the Right One?"
George Boolos Memorial Conference, University of Notre Dame
1999
"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
2001
“Computability, Logic, and Number Theory” (course of four lectures), Ross Program,
Ohio State University.

2003 “E Pluribus Unum”, Logic Colloquium, University of Pennsylvania
“E Pluribus Unum”, Department of Logic & Philosophy of Science, University of California at Irvine

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.

"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.


2012 "The Origin of Necessity & the Necessity of Origin", Second Annual Saul Kripke...
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<tr>
<th>Year</th>
<th>Event</th>
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<tr>
<td>2013</td>
<td>&quot;Realism and Pragmatism about Modality&quot;, University of Connecticut</td>
<td>CUNY Graduate Center</td>
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<td>&quot;Epistodes in the History of 'Semantics'&quot;, CRNAP conference on Semantics: Mathematics or Psychology, Princeton.</td>
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<td>Commentary on A. Rayo, <em>Constructing Logical Space</em>, book release event, MIT</td>
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<td>replies to G. Ostertag, A. Berger, book release event for <em>Saul Kripke: Puzzles and Mysteries</em>, Princeton.</td>
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<td>2014</td>
<td>&quot;Modality and Mentality&quot;, Ohio State University</td>
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<td></td>
<td>&quot;Modality and Mentality: Suspicions about Supervenience&quot;, University of Maryland</td>
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<td>2015</td>
<td>“What Are Mathematical Objects and Who Cares?”</td>
<td>Rutgers University Dept of Mathematics</td>
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<td>Mathematical Association of American MATHFEST, Washington, DC</td>
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<td>“Rigor and Structure” Book Symposium, Princeton University</td>
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<td>2017</td>
<td>Ohio University Philosophy Forum</td>
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<td>(Public Lecture &amp; Two Seminars)</td>
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<td>Princeton Davidson Day Symposium</td>
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<td>“Physical Causation”</td>
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<td>2020</td>
<td>Helsinki Logic Group (virtual)</td>
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<td>&quot;Measurable Selections: A Bridge Between Large Cardinals and Scientific Applications?</td>
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