

ERICH RECK

Curriculum Vitae, October 2016

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Employment:

- Since 2011: Professor, *University of California at Riverside*, Department of Philosophy
- 1995-2011: Assistant Professor (1995-2002) and Associate Professor (2002-2011), *UC Riverside*, Department of Philosophy
- 1993-95: Harper Instructor, *University of Chicago*, Humanities Collegiate Division and Department of Philosophy
- 1992-93: Postdoctoral Research Fellow, *University of Minnesota, Minneapolis*, Center for Philosophy of Science and Department of Philosophy

Other Appointments:

- Winter 12-13: Visiting Professor, *Ludwig-Maximilians-Universität München*, Germany, Munich Center for Mathematical Philosophy
- Winter 2008: Visiting Professor, *University of California at Irvine*, Department of Logic and Philosophy of Science

Education:

- 1986-92: *University of Chicago*, Department of Philosophy, M.A. ('87) and Ph.D. ('92) in philosophy; dissertation: *Frege, Wittgenstein, and Platonism in Mathematics* (with Honors)
- 1982-86: *Universität Bonn, Germany*, Departments of Mathematics and Philosophy, "Vordiplom" ('83) and "Diplom" ('86) (equivalent to M.S.) in mathematics, with philosophy as minor (with Honors)
- 1981-82: *State University of New York at Stony Brook*, Department of Philosophy, exchange student in DAAD exchange program (Deutscher Akademischer Austauschdienst)
- 1979-81: *Universität Tübingen, Germany*, Departments of Mathematics and Philosophy, "Zwischenprüfung" (equivalent to B.A.) in mathematics and philosophy

Memberships:

- APA: American Philosophical Association
- ASL: Association for Symbolic Logic
- PMA: Philosophy of Mathematics Association
- SSHAP: Society for the Study of the History of Analytic Philosophy
- HOPOS: International Society for the History of Philosophy of Science

Research and Teaching:

- Specialization: Philosophy of Mathematics, Logic, and Science; History of Analytic Philosophy
- Competence: Mathematical Logic; Philosophy of Technology; Neo-Kantianism
- Other Interests: Aesthetics; Historical Epistemology

Publications:*Edited Books:*

- 2013: *The Historical Turn in Analytic Philosophy*, E. Reck, ed., Palgrave Macmillan: London
- 2005: *Gottlob Frege: Critical Assessments of Leading Philosophers*, Vols. I-IV, M. Beaney & E. Reck, eds., Routledge: London
- 2002: *From Frege to Wittgenstein: Perspectives on Early Analytic Philosophy*, E. Reck, ed., Oxford University Press: New York; reprinted in the *Oxford Scholarship Online* program, 2003

Translated Books:

- 2004: *Frege's Lectures on Logic: Carnap's Student Notes, 1910-1914*, E. Reck & S. Awodey, trans. and eds., with an introduction by G. Gabriel, Open Court: Chicago

Special Issue of Journal:

- 2016: *Frege's Original Conception of Number*, special issue of *Philosophia Mathematica*, E. Reck & R. Cook, guest eds.

Articles:

- forthc.: "From Dedekind to Cassirer: Logicism and the Kantian Heritage" (with P. Keller), in *Kant's Philosophy of Mathematics, Vol. II*, O. Rechter & C. Posy, eds., Oxford University Press, 37 ms. pp.
- forthc.: "Frege's Relation to Dedekind: *Basic Laws* and Beyond", in *Essays on Frege's Basic Laws of Arithmetic*, P. Ebert & M. Rossberg, eds., Oxford University Press, 26 ms. pp.
- 2015: "Carnapian Explication, Formalisms as Cognitive Tools, and the Paradox of Adequate Formalization" (with C. Dutilh Novaes), *Synthese*, online first (July 10, 2015), 21 pp.
- 2015: "Carnap's Early Metatheory: Scope and Limits" (with G. Schiemer, R. Zach), *Synthese*, online first (Sept. 14, 2015), 33 pp.
- 2013: "Logic in the 1930s: Type Theory and Model Theory" (with G. Schiemer), *The Bulletin of Symbolic Logic* 19, 433-72
- 2013: "Developments in Logic: Carnap, Gödel, and Tarski", in *Oxford Handbook of the History of Analytic Philosophy*, M. Beaney, ed., Oxford University Press, 546-71
- 2013: "Frege, Dedekind, and the Origins of Logicism", in *History and Philosophy of Logic* 34; Special Issue: *Frege's Philosophy of Mathematics and Language*, S. Costreie, ed., 242-65
- 2013: "Frege or Dedekind? Towards a Reevaluation of their Legacies", in *The Historical Turn in Analytic Philosophy* (see above), 546-71
- 2013: "Hempel, Carnap, and the Covering Law Model", in *The Berlin Group and the Philosophy of Logical Empiricism*, N. Milkov & V. Peckhaus, eds., Springer: Berlin, 311-24
- 2012: "Carnapian Explication: A Case Study and Critique", in *Carnap's Ideal of Explication and Naturalism*, P. Wagner, ed., Palgrave Macmillan: London, 96-116
- 2009: "Dedekind, Structural Reasoning, and Mathematical Understanding", in *New Perspectives on Mathematical Practices*, B. van Kerkhove, ed., Singapore: WSPC Press, 150-73

- 2008: "Dedekind's Contributions to the Foundations of Mathematics", in *Stanford Encyclopedia of Philosophy*, E. Zalta, main ed., 1-32; available online since April 22, 2008; revised in 2011
- 2007: "Frege on Truth, Judgment, and Objectivity", *Grazer Philosophische Studien* 75, Special Issue: *Essays on Frege's Conception of Truth*, D. Greimann, guest ed., 149-73
- 2007: "Carnap and Modern Logic", in *The Cambridge Companion to Carnap*, M. Friedman & R. Creath, eds., Cambridge University Press, 2007, 176-99
- 2007: "Frege-Russell Numbers: Analysis or Explication?", in *The Analytic Turn: Analysis in Early Analytic Philosophy and Phenomenology*, M. Beaney, ed., Routledge: London, 33-50
- 2005: "Frege's Natural Numbers: Motivations and Modifications", in *Gottlob Frege: Critical Assessments*, Vol. III, M. Beaney & E. Reck, eds., Routledge: London, 2005, 270-301
- 2004: "From Frege and Russell to Carnap: Logic and Logicism in the 1920s"; in *Bringing Carnap Home: The View from Jena.*, S. Awodey & C. Klein, eds., Open Court: Chicago, 151-80
- 2003: "Frege, Natural Numbers, and Arithmetic's Umbilical Cord", *Manuscripto* 26, Special Issue: *Logic, Truth and Arithmetic: Essays on Gottlob Frege*, M. Ruffino, ed., 427-70
- 2003: "Dedekind's Structuralism: An Interpretation and Partial Defense", *Synthese* 137, 369-419
- 2002: "Completeness and Categoricity, Part II: Twentieth Century Metalogic to Twenty-First Century Semantics" (with S. Awodey), *History and Philosophy of Logic* 23, No. 2, 77-94
- 2002: "Completeness and Categoricity, Part I: Nineteenth Century Axiomatics to Twentieth Century Metalogic" (with S. Awodey), *History and Philosophy of Logic* 23, No. 1, 1-30
- 2002: "Wittgenstein's 'Great Debt' to Frege: Biographical Traces and Philosophical Themes", in *From Frege to Wittgenstein*, E. Reck, ed., Oxford University Press: New York, 3-38
- 2000: "Structures and Structuralism in Contemporary Philosophy of Mathematics" (with Michael P. Price), *Synthese* 125, 341-83
- 2000: "Freges Platonismus im Kontext", in *Gottlob Frege: Werk und Wirkung*, G. Gabriel & U. Dathe, eds., mentis Verlag: Paderborn, 71-89; English trans., entitled "Frege on Numbers: Beyond the Platonist Picture", *The Harvard Review of Philosophy* 13:2, 2005, 25-40
- 1997: "Frege's Influence on Wittgenstein: Reversing Metaphysics via the Context Principle", in *Early Analytic Philosophy: Frege, Russell, Wittgenstein*, W.W. Tait, ed., Open Court: Chicago, 123-85; reprinted, in abridged form, in *Gottlob Frege: Critical Assessments*, Vol. I, M. Beaney & E. Reck, eds., Routledge: London, 2005, 241-89
- Other Items:*
- forthc.: Introductory note for Paul Bernays, "Comments on Ludwig Wittgenstein's *Remarks on the Foundations of Mathematics*", in *Paul Bernays: Essays in the Philosophy of Mathematics, Vols. I-II*, W. Sieg et al., eds., Open Court: Chicago, 3 ms. pp.

- 2015: Book review, for *Gottlob Frege: Basic Laws of Arithmetic*, P. Ebert & M. Rossberg (eds., trs.), Oxford University Press, 2013, 680 pp., *Notre Dame Philosophical Reviews*, online since Aug. 30, 2015, 1-7
- 2013: "Analytic Philosophy and Philosophical History", editorial introduction to *The Historical Turn in Analytic Philosophy*, E. Reck, ed., Palgrave Macmillan: London, pp. 1-36
- 2011: Book review (with S. Ness), for *Philosophical Anthropology: Wittgenstein's Perspective*, J. Gálvez (ed.), Ontos, 2010, 180 pp., *Notre Dame Philosophical Reviews*, online since Aug. 25, 2011, 1-6
- 2005: "Frege's Philosophy in Context" (with M. Beaney), editorial introduction to Vol. I of *Gottlob Frege: Critical Assessments of Leading Philosophers*, London: Routledge, 2005, pp. 5-19
- 2005: "Frege's Philosophy of Logic" (with M. Beaney), editorial introduction to Vol. II of *Gottlob Frege: Critical Assessments of Leading Philosophers*, London: Routledge, 2005, 1-10
- 2005: "Frege's Philosophy of Mathematics" (with M. Beaney), editorial introduction to Vol. III of *Gottlob Frege: Critical Assessments of Leading Philosophers*, London: Routledge, 2005, 1-12
- 2005: "Frege's Philosophy of Thought and Language" (with M. Beaney), editorial introduction to Vol. IV of *Gottlob Frege: Critical Assessments of Leading Philosophers*, London: Routledge, 2005, 1-10
- 2004: "Frege's Lectures on Logic and their Influence" (with S. Awodey), introductory essay in *Frege's Lectures on Logic: Carnap's Student Notes, 1910-1914*, E. Reck & S. Awodey, eds. and trans., 17-42
- 2004: "The Logic in Frege's 1910-14 Lectures", abstract of symposium talk, *Bulletin of Symbolic Logic* 10, 440
- 2003: "Carnap, Logicism, and Metamathematics", abstract of symposium talk, *Bulletin of Symbolic Logic* 9, 61-62
- 2002: "Education, Knowledge, and the World of Objective Ideas: Some Philosophical Remarks", commentary, in *Liberal Education in a Knowledge Society*, B. Smith, ed., Open Court: Chicago, 139-73
- 2001: "Categoricity and Completeness: from Dedekind to Carnap and beyond", abstract of symposium talk, *Bulletin of Symbolic Logic* 7, 415
- 2001: "'Clarifying the Nature of the Infinite': The Development of Metamathematics and Proof Theory" (with J. Avigad), Carnegie Mellon Technical Report CMU-PHIL-120, 1-63

Translations:

- forthc.: "Schematized Correspondence and Idealized Structures" (with C. Parsons), in W. Sieg et al., eds., *Paul Bernays: Essays in the Philosophy of Mathematics, Vols. I-II*, Open Court: Chicago, 19 ms. pp.
- forthc.: "Mathematics as both Familiar and Unknown" (with D. Weberman, C. Parsons), in W. Sieg et al., eds., *Paul Bernays: Essays in the Philosophy of Mathematics, Vols. I-II*, Open Court: Chicago, 9 ms. pp.
- forthc.: "Comments on Ludwig Wittgenstein's *Remarks on the Foundations of Mathematics*" (with S. Awodey), in W. Sieg et al., eds., *Paul Bernays: Essays in the Philosophy of Mathematics, Vols. I-II*, Open Court: Chicago, 30 ms. pp.

- 2004: "Begriffsschrift I", with two appendices (with S. Awodey), in E. Reck & S. Awodey, eds. and trans., *Frege's Lectures on Logic: Carnap's Student Notes, 1910-1914*, Open Court: Chicago, 49-85
- 2004: "Begriffsschrift II" (with S. Awodey), in E. Reck & S. Awodey, eds. and trans., *Frege's Lectures on Logic: Carnap's Student Notes, 1910-1914*, Open Court: Chicago, 87-133
- 2004: "Logic in Mathematics" (with S. Awodey), in E. Reck & S. Awodey, eds. and trans., *Frege's Lectures on Logic: Carnap's Student Notes, 1910-1914*, Open Court: Chicago, 135-66

Current Work:*Books:*

- in progr: *Frege, Dedekind, and their Legacies: Essays in the History and Philosophy of Mathematics* (selection of published and new articles)

Edited Books:

- in progr.: *Logic, Philosophy of Mathematics and their History: Essays in Honor of W.W. Tait*, E. Reck ed., (new essays by an international group of scholars; book contract with College Publications, London)
- in progr.: *The Pre-History of Mathematical Structuralism*, E. Reck & G. Schiemer, eds. (new essays by an international group of scholars; book contract with Oxford University Press)

Articles:

- in progr.: "Structuralism in the Philosophy of Mathematics" (for the *Stanford Encyclopedia of Philosophy*, E. Zalta, main ed.)
- in progr.: "On Reconstructing Dedekind Abstraction Logically" (for *Logic, Philosophy of Mathematics, and their History*, see above)
- in progr.: "Cassirer, Dedekind, and the Structuralist Unfolding of Mathematics" (for *The Pre-History of Mathematical Structuralism*, see above)
- in progr.: "The Ontology and Epistemology of Manifolds: Structuralist Themes in Husserl" (with C. Tolley) (for *The Pre-History of Mathematical Structuralism*, see above)

Invited Lectures:

- Oct. 2016: *Workshop: Foundations of Mathematical Structuralism*, Ludwig-Maximilians-Universität München, Munich, Germany, "Towards a New Taxonomy for Mathematical Structuralism"
- Oct. 2016: *Conference: Richard Dedekind (1831-1916)–In Memoriam*, Technical University of Braunschweig, Germany, "Dedekind and the Philosophy of Mathematics"
- June 2016: *International Society of the History of the Philosophy of Science, Bi-Annual Meeting* (HOPOS 2016), Minneapolis, MN, "On Reconstructing Dedekind Abstraction Logically"
- May 2016: *Workshop: Logic in Kant's Wake*, McMaster University, Hamilton, Canada, "The Logic in Dedekind's Logicism"
- April 2016: *Workshop: Frege-Dedekind Fest*, University of California at Irvine, "On Reconstructing Dedekind Abstraction Logically"
- March 2016: *APA, Pacific Division Meeting*, San Francisco, CA, "Dedekind, Cassirer, and the Conceptual Turn in 19th-Century Mathematics"

- March 2016: *APA, Central Division Meeting*, Chicago, IL, "Arbitrariness and Constraint in Frege and Dedekind"
- Febr. 2016: *Workshop: Roots of Mathematical Structuralism*, University of California at Riverside, "The Ontology and Epistemology of Manifolds: Structuralist Themes in Husserl" (with Clinton Tolley)
- Sept. 2015: *Workshop: The Origins of Mathematical Structuralism*, University of Vienna, Austria, "Cassirer on Structures, Constructions, and Unfoldings"
- August 2015: *CLMPS 2015; 15th Congress on Logic, Methodology, and Philosophy of Science*, University of Helsinki, Finland, "Frege, Dedekind, and the Foundational Quest"
- March 2015: *Conference: Representation and Axiomatization in Mathematics*, University of Paris 1–Sorbonne, Paris, France, "Proof, Axiomatics, and Mathematical Structures"
- March 2015: *Workshop: The Origins and Varieties of Logicism*, Istituto Universitario di Studi Superiori di Pavia, Pavia, Italy, "Dedekind's Logicism Reconsidered"
- March 2015: *SoCal PhilMath + PhilLogic + FoM Workshop 6*, University of California at Irvine, Department of Logic and Philosophy of Science, "Dedekind's Logicism Reconsidered"
- Nov. 2014: *International Conference: The History of Analytic Philosophy*, Beijing Normal University, Beijing, China, "Frege's Conception of Number Reconsidered"
- July 2014: *International Society of the History of the Philosophy of Science, Bi-Annual Meeting (HOPOS 2014)*, Ghent, Belgium, "Structuralist Themes in the Early Husserl" (with C. Tolley)
- April 2014: *APA, Pacific Division Meeting, San Diego, CA, Author-Meets-Critics Session: Catarina Dutilh-Novaes' Formalization in Logic*, "Formalization and Conceptual Archeology"
- Nov. 2013: *Memorial Conference for Leonard Linsky*, University of Chicago, "Frege's Project: Analysis or Explication?"
- Sept. 2013: *FotFS VIII Conference: History and Philosophy of Infinity*, Corpus Cristi College, Cambridge University, UK, "On Dedekind's Explanation of the Finite in Terms of the Infinite"
- July 2013: *Workshop: Carnap and the History of Logic*, Ludwig-Maximilians-Universität München, Munich, Germany, "Logic in the 1930s: Type Theory and Model Theory"
- June 2013: *Logic Café: Colloquium Talk*, University of Vienna, Austria, "Frege, Dedekind, and the Laws of Thought"
- June 2013: *Workshop: Frege's Epistemology of Logic*, University of Stirling, Scotland, "Frege, Dedekind, and the Laws of Thought"
- May 2013: *Workshop: Early Analytic Philosophy*, Department of Philosophy, University of York, UK, "Frege's Project: Analysis or Explication?"
- March 2013: *Laboratoire SPHERE: Colloquium Talk*, University of Paris 1–Diderot, "Cassirer's Dedekind: Structures, Constructions, and Unfoldings"
- Jan. 2013: *Workshop: Frege's Original Conception of Number*, Ludwig-Maximilians-Universität München, Munich, Germany, "Motivating Frege's Conception of Number"
- Nov. 2012: *Workshop on History and Philosophy of Mathematics*, Concordia University and Montréal Inter-Campus Workshop, "The Nature and Purposes of Dedekind Abstraction"

- Oct. 2012: *Munich Center for Mathematical Philosophy*, Ludwig-Maximilians-Universität München, Munich, Germany, "Explicating Dedekind: Existential Axiomatics or Logicist Abstraction?"
- June 2012: *International Society of the History of the Philosophy of Science, Bi-Annual Meeting (HOPOS 2012)*, Halifax, Canada, "Dedekind's Methodology and the Infinite in Mathematics"
- May 2012: *Conference: The Philosophy and Mathematics of Grundgesetze*, New York University and Northern Institute of Philosophy, New York, NY, "Frege's Relation to Dedekind: *Grundgesetze* and Beyond"
- April 2012: *Pacific Division Meeting of the APA*, Seattle, WA, "Kant, Frege, and Beyond: On Modern Logic and its Objects"
- Jan. 2012: *Group in the History and Philosophy of Logic and Mathematics (HPLM)*, University of California at Riverside, "Frege, Dedekind, and the Origins of Logicism"
- May 2011: University of Bucharest, Rumania, Colloquium in Analytic Philosophy, *Conference: Frege's Philosophy of Mathematics and Language*, "Frege, Dedekind, and the Origins of Logicism"
- April 2011: *ASL, Spring Meeting, San Diego*, California, "Frege versus Dedekind: On the Nature and Purpose of Logicism"
- June 2010: *HOPOS, Biennial Meeting, Budapest, Hungary*, "Carnap and Tarski: From Logicism to Model Theory"
- June 2010: *University of Nancy, France, Conference: From Practice to Results in Logic and Mathematics (PractiScienS)*, "Dedekind, Fruitful Definitions, and Mathematical Abstraction"
- May 2010: *University of Turin, Italy, Conference: The Kantian Legacy in the Philosophy of Mathematics*, "Cassirer, Dedekind, and the Structuralist Conception of Mathematics"
- April 2010: *APA, Pacific Division Meeting, San Francisco, Author-Meets-Critics Session: Charles Parsons' Mathematical Thought and its Objects*, "Parsons, Dedekind, and Non-Eliminative Structuralism"
- March 2010: *University of Nancy, France, Conference: Logic and Reconstruction of Science from a Pragmatic Point of View*, "Carnap, Logicism, and the Pragmatics of Explication"
- Sept. 2009: *University of Paderborn, Germany, Conference: Die Berliner Gruppe*, "Hempel, Carnap, and the Covering Law Model"
- June 2009: *SPSP, Biennial Meeting, Minneapolis, Minnesota*: "Styles of Reasoning in Mathematics: The Case of Richard Dedekind"
- May 2009: *University of Paris I–Sorbonne, France, Conference: Carnap's Notion of Explication*, "Carnapian Explication and its Rivals"
- April 2009: Southern California HPLM Group (History and Philosophy of Logic and Mathematics), University of California at Riverside, "Carnapian Explication and its Rivals"
- June 2008: *HOPOS, Biennial Meeting, Vancouver, Canada*, "Cassirer, Dedekind, and the Structuralist Conception of Mathematical Objects"
- Nov. 2007: *University of California, Irvine*, "Dedekind, Structural Reasoning, and Mathematical Understanding"
- March 2007: *Free University of Brussels, Belgium, Conference: Perspectives on Mathematical Practices*, "Dedekind and the Emergence of Structuralist Understanding in Mathematics"

- Nov. 2006: *PSA, Biennial Meeting, Vancouver, Canada*, "Dedekind, Structural Reasoning, and Mathematical Explanation"
- Dec. 2005: *Federal University of Santa Maria, Brazil, Conference: Frege on Truth*, "Frege on Truth, Judgment, and Objectivity"
- March 2005: *St. Catherine's College, Oxford, England, Conference: The Varieties of Analysis*, "Frege and Russell: Analyzing the Concept of Number"
- May 2004: *University of California, Irvine, Conference: Fregefest*, "Frege's Natural Numbers: Motivations and Modifications"
- April 2004: *ASL, Spring Meeting & APA, Central Division Meeting, Chicago*, "The Logic in Frege's 1910-14 Lectures"
- Oct. 2003: *University of California, Berkeley, Logic Group*, "Fregean versus Neo-Fregean Conceptions of Numbers"
- March 2003: *Stanford University, Department of Philosophy*, "Carnap, Completeness, and Logical Consequence"
- June 2002: *ASL, Summer Meeting, University of Nevada, Las Vegas*, "Carnap, Logicism, and Metamathematics"
- May 2002: *California Polytechnic State University San Luis Obispo, Department of Philosophy*, "Conceptions of Number"
- Sept. 2001: *Univ. Jena, Germany, Conference: R. Carnap. From Jena to L.A.*, "Frege and Russell to Carnap: Logic and Logicism in the 1920s"
- May 2001: *ASL, Spring Meeting & APA, Central Division Meeting, Minneapolis*, "Categoricity and Completeness: from Dedekind to Carnap"
- April 2001: *University of Chicago, Wittgenstein Workshop*, "Between Brouwer and Frege: Wittgenstein on Rule Following in Mathematics"
- Dec. 2000: *University of California, Santa Barbara, Department of Philosophy*, "Frege and Dedekind: Cutting Arithmetic's Umbilical Cord"
- Febr. 2000: *Carnegie Mellon University, Pittsburgh, Workshop in Philosophy of Mathematics*, "Categoricity and Completeness"
- Oct. 1999: *University of Pittsburgh, Center for History and Philosophy of Science*, "Frege on Numbers: Beyond the Platonist Picture"
- July 1999: *Universität Konstanz, Germany, DFG Forschergruppe Logik in der Philosophie*, "Freges Platonismus"
- April 1999: *University of Southern California, Department of Philosophy*, "Frege on Numbers: Beyond the Platonist Picture"
- Nov. 1998: *Universität Jena, Germany, Conference: Gottlob Frege: Werk und Wirkung*, "Freges Platonismus im Kontext"
- June 1997: *Conference: Liberal Education in a Knowledge Society, Open Court, LaSalle, IL*, "Objectivity, Knowledge, and World 3"
- June 1996: *University of Chicago, Department of Philosophy, Conference in Honor of William W. Tait*, "Was Dedekind a Structuralist?"
- May 1996: *University of California, Irvine, Workshop in Logic and the Philosophy of Science*, "Dedekind and Structuralism"
- Febr. 1995: *University of California, Riverside, Department of Philosophy*, "Rethinking Frege's Platonism"
- March 1993: *University of Minnesota, Minneapolis, Department of Philosophy*, "From Frege to Wittgenstein: the Context Principle"
- May 1992: *University of Minnesota, Minneapolis, Center for Philosophy of Science*, "On Platonism in the Philosophy of Mathematics"
- Jan. 1992: *Barnard College/Columbia University, New York, Department of Philosophy*, "On Platonism in the Philosophy of Mathematics"

Grants and Research Leaves:

Fellowships and Grants:

- Spring 2013: Residential Fellowship, Munich Center for Mathematical Philosophy, Ludwig-Maximilians-Universität München, Germany
- 2009-2010: NSF Scholar's Grant SES-0914461, "Richard Dedekind and the Structuralist Transformation of Modern Mathematics"
- 2008-2009: Inaugural Research Fellowship, Committee on Research, University of California at Riverside
- Summer 2006: NEH Summer Stipend FT-54299-06, "Ernst Cassirer, Relational Structures, and the Philosophy of Symbolic Forms"
- 2001-2003: NEH Collaborative Research Grant RZ-20729-01, "Frege's Lectures on Logic, 1911-14 (see above)", E. Reck, P.I. (with S. Awodey)
- 1999-2000: University of California Regents' Faculty Fellowship and Faculty Development Award
- Fall 1998: Residential Fellowship, Center for Ideas and Society, University of California at Riverside (with S.A. Ness and L. Wright)
- 1997-1998: Grant for Focused Research Group Lecture Series, Center for Ideas and Society, University of California at Riverside (with S.A. Ness)
- 1991-1992: Mellon Dissertation Year Fellowship
- 1990-1991: Josephine DeKarman Fellowship
- 1990-1991: Giles Whiting Fellowship
- 1981-1982: DAAD (Deutscher Akademischer Austauschdienst) Fellowship

Time at Research Centers:

- Spring 2013: Visiting Research Fellow, Munich Center for Mathematical Philosophy, Ludwig-Maximilians-Universität München, Germany
- Fall 2007: Visiting Research Fellow, Department of Logic and Philosophy of Science, University of California at Irvine
- 1999-2000: Visiting Scholar, Department of Philosophy and Center for Philosophy of Science, University of Pittsburgh
- Fall 1998: Residential Fellow, Center for Ideas and Society, University of California at Riverside

Professional Service:

Boards:

Member of the editorial board for the journal *Bulletin of Symbolic Logic* (2007-2012); member of the editorial board for the book series *History of Analytic Philosophy*, Macmillan (since 2007); member and of the advisory board for the journal *History of Analytic Philosophy* (since 2010); category editor for *PhilPapers*, for the areas: "History: Philosophy of Mathematics" and "The Infinite" (since 2015)

Committees:

Member of the program committee, *Association for Symbolic Logic (ASL)*, Spring Meeting 2008 (2007-2008); member of the program committee, *International Society for the History of the Philosophy of Science (HOPOS)*, Bi-Annual Meeting 2014

(2013-2014); member of the program committee, *Association for Symbolic Logic* (ASL), Spring Meeting 2014 (jointly with APA) (2013-2014); member of the Steering Committee, *Philosophy of Mathematical Association* (PMA) (2013-2015); member of nomination and elections committee, *International Society for the History of the Philosophy of Science* (HOPOS) (2014-2015)

Refereeing:

Reports on articles for *Australasian Journal of Philosophy* (2014), *British Journal for the History of Philosophy* (2008, 2012), *Bulletin of Symbolic Logic* (2007), *Canadian Journal of Philosophy* (2007), *Erkenntnis* (2007, 2008, 2011, 2014), *Foundations of the Formal Sciences* (2004), *History and Philosophy of Logic* (2007, 2013), *History of Philosophy Quarterly* (2005), *Inquiry* (2004), *International Journal of Philosophical Studies* (1997), *Journal of the History of Philosophy* (2007, 2015), *Journal of Philosophical Research* (1998), *Mind* (2011), *Notre Dame Journal of Formal Logic* (2003), *Noûs* (1998), *Pacific Philosophical Quarterly* (2006), *Philosophia Mathematica* (2012, 2014) *Philosophical Quarterly* (2009), *Review of Symbolic Logic* (2011), *Synthese* (2000, 2002, 2014, 2014, 2016), *Texts in Philosophy* (2008)

Reviewing:

Book reviewer for Blackwell (2004), Open Court Publishing Company (1995), Oxford University Press (2004, 2006, 2010, 2015), Palgrave Macmillan (2007), Pittsburgh University Press (2001), Routledge (2005), Wadsworth (1997, 1998).

Grant reviewer for Austrian Science Fund *FWF* (2005, 2007, 2008, 2010), Canadian Social Science and Humanities Research Council *SSHRC* (2007, 2008), Deutsche Forschungsgemeinschaft *DFG* (2016)

Extramural reviewer for faculty advancements or appointment at Haverford College; Open University, Milton Keynes, UK; University of California at Davis; University of California at Irvine; University of California at San Diego; University of Connecticut; University of Chicago.

Symposia:

Organizer of the Symposium "Dedekind's Structuralism: 100 Years Later", *Biennial Meeting of the International Society for the History of Philosophy of Science* (HOPOS), Minneapolis, MN, 2016

Co-organizer of the Symposium "The Pre-History of Mathematical Structuralism", *Biennial Meeting of the International Society for the History of Philosophy of Science* (HOPOS), Ghent, Belgium, 2014

Organizer of the Symposium "Logic and Early Analytic Philosophy" *Joint Meeting of the Association for Symbolic Logic* (ASL) and *American Philosophical Association* (APA), Irvine, CA, April 2014

Organizer of the Symposium "Dedekind and Mathematical Methodology", *Biennial Meeting of the International Society for the History of Philosophy of Science* (HOPOS), Halifax, June 2012

Co-organizer of the Symposium "Frege, Kant, and the Science of Logic", Pacific Division Meeting, *American Philosophical Association* (APA), Seattle, WA, April 2012

Organizer of the Symposium "*Cassirer on Logic, Mathematics, and Science*", *Biennial Meeting of the International Society for the History of Philosophy of Science (HOPOS)*, Vancouver, June 2008

Organizer of the Symposia "Logic and Early Analytic Philosophy" and "Logic and Logical Empiricism", *Annual Spring Meeting of the Association for Symbolic Logic (ASL)*, Irvine, CA, March 2008

Organizer of the Symposium "*Explanation and Reasoning Styles in Mathematics*", *Biennial Meeting of the Philosophy of Science Association (PSA)*, Vancouver, Canada, November 2006

Workshops:

Co-organizer of the Workshop "Frege-Dedekind Fest", University of California at Irvine, Irvine, CA, April 2016

Organizer of the Workshop "Roots of Mathematical Structuralism", University of California at Riverside, Riverside, CA, January 2016

Participant in a Workshop, "*Rudolf Carnap: Der Raum*", *Institut français de Vienne*, Vienna, Austria, July 2010

University Service:

Department of Philosophy, University of California at Riverside:

- 2013-2016: Department Chair
- 2013-2016: Member, Faculty Hiring Committees
- 2013-2016: Member, Lecturer Hiring Committees
- 2011-2012: Member, Graduate Admissions Committee
- 2010-2012: Co-Organizer of Colloquium Series
- Summer 08: Acting Chair (June 28-Sept. 15 and Sept. 18-Oct. 10)
- 2004-2007: Graduate Advisor (Graduate Student Affairs Officer)
- 2004-2007: Chair (04-06) and Member (06-07), Graduate Admissions Committee
- 1999-2005: Department Web Master (www.philosophy.ucr.edu)
- 1997-1998: Organizer of Philosophy Conference, "Frege, Russell, Wittgenstein: Shaping the Analytic Tradition", March 6-7, 1998
- 1996-1999: Organizer of Colloquium and Distinguished Visitor Series
- Since 1995: Administering German Language Competency Exam
- Since 1995: Administering Logic Diagnostic Exam

College of Humanities, Arts, and Social Sciences, UCR:

- Since 2002: Member of Interdisciplinary Programs Committee
- 2002: Member of Instructional Workload Faculty Working Group
- 1997-2009: Member of Committee on Linguistics

Campus and System-wide Service, UCR:

- Since 2014: Department Liaison, Committee on International Education, University of California
- Fall 2009: Member of Ad Hoc International Committee
- 2008-2009: Member of International Services and Programs Committee

- 2006-2009: First Member (2006-07), then Chair and System-wide Representative (2007-09) of International Education Committee, Academic Senate
- 2004-2007: Member of Ad Hoc Committee on Freshman Experience
- 2001-2005: Member of Committee on Courses, Academic Senate
- 1997-1998: Co-organizer (with S.A. Ness, Departments of Dance and Anthropology) of Focused Research Group Lecture Series, "Understanding in Wittgenstein", Center for Ideas and Society

Student Mentoring and Advising:

- Honors Thesis: R. Ries (2001, committee chair); N. Fonosh (2007, member)
- M.A.: D. Schlimm (2000, Carnegie Mellon University, Pittsburgh, PA, committee member); M. Cross (2003, chair); L. Montes (2010, chair)
- Proposition (research paper required in Ph.D. program): R. de Castro (2003, member); R. Doan (2004, member); R. Sanchez (2006, chair); G. Pendergraft (2009, chair); P. Ryan (2013, chair); E. Walker (2015, chair)
- Prospectus (oral qualifying exam in Ph.D. program): C. Campolo (1996, member); J. Vanderpool (2002, member); K. Funato (2003, member); R. de Castro (2003, member); R. Doan (2005, member); B. Allen (2005, member); G. Larull (2005, member); F. Leon (2006, member); R. Sanchez (2006, chair); J. Cressotti (2008, member); G. Aisemberg (2009, member); G. Pendergraft (2009, chair); C. Morris (2011, member); L. Montes (2012, member); P. Ryan (2013, member); E. Walker (2015, chair)
- Ph.D.: J. Vanderpool (2005, member); R. de Castro (2005, member); B. Allen (2006, member); R. Sanchez (2012, chair); J. Cressotti (ongoing, member); P. Ryan (ongoing, member); E. Walker (ongoing, chair)