Curriculum Vitae

Emily Rolfe Grosholz

Address:
Office: Department of Philosophy
240 Sparks Building, The Pennsylvania State University
University Park, Pa. 16802
Telephone: (814) 865 1676 (Office) Email: erg2@psu.edu

Education

Ph.D., Philosophy, Yale University, December 1978
Dissertation Title: "Unification and Growth of Mathematical Knowledge"
B.A., Ideas and Methods, University of Chicago, June 1972
Thesis Title: "Four Master Tropes in Poetry and Mathematics"
Gasthörerin, Philosophisches Seminar, Universität Muenster, Germany, Sept. 1976-June 1977

Website
http://www.emilygrosholz.com

Grants and Academic Honors

Fernando Gil International Prize in Philosophy of Science 2017, which honors a work of particular excellence in philosophy of science, for *Starry Reckoning: Reference and Analysis in Mathematics and Cosmology* (Springer 2016). ($93,750)
Research in Paris 2011 Grant (Senior Level), for work at REHSEIS / SPHERE, UMR 7219 CNRS and University of Paris Denis Diderot – Paris 7, September 2011-January 2012 ($22,500)
Schreyer Honors College Distinguished Honors Faculty Program, 2012-14 ($8500)
Elizabeth McNulty Wilkinson Poetry Chair, Buffalo Seminary, Buffalo, March 2011 ($1500)
Institute for the Arts and Humanities, Pennsylvania State University and NEH Challenge Grant, Team Teaching Across the Humanities, lecture series and course on African American philosophy, Spring Semester 2008 ($9500)
NEH Fellowship, for work on a book on the philosophy of mathematics, 2004-2005 ($24,000)
Visiting Fellowship, Clare Hall, University of Cambridge, 1997-1998 (non-stipendiary)
American Council of Learned Societies Fellowship, for work on Leibniz and the philosophy of mathematics, 1997 ($20,000)
Selma V. Forkorsch Prize for the best article published in *Journal of the History of Ideas* in 1996 ($500)
Alexander von Humboldt Transatlantic Cooperation Research Grant, with Herbert Breger (Director, Leibniz Archives, Hannover, Germany), for work on Leibniz and the history and philosophy of mathematics, 1994-1997 ($32,000)
Institute for the Arts and Humanistic Studies, Pennsylvania State University, grants for two conferences on the philosophy and history of mathematics, 1995, 1996 ($7500)
Guggenheim Foundation Fellowship, September 1988-August 1989, for poetry ($20,000)
Ingram Merrill Foundation Grant, 1988, for poetry ($10,000)
NEH Fellowship, National Humanities Center (Research Triangle Park, North Carolina), September 1985-June 1986, for work on a book on seventeenth century philosophy ($20,000)
Djerassi Foundation Artist-in-Residence, Woodside, California, May 1-June 15 1984
Deutscher Akademischer Austauschdienst Study Visit, for research on Leibniz manuscripts, Leibniz Archiv, Hannover, West Germany, Summer 1983 ($3000)
American Council of Learned Societies Study Grant, for the study of classical physics, Sept. 1982-February 1983 ($8000)
Institute for the Arts and Humanistic Studies, Pennsylvania State University, Faculty Research Grant, for research on Leibniz, Paris, France, March 1981-July 1981 ($3000)
Danforth Fellow, 1973-78 (Tuition and stipend)
University Scholar, University of Chicago, 1968-72 (Tuition)

Teaching and Research Positions

Edwin Erle Sparks Professor, Department of Philosophy, Pennsylvania State University, 2017-Present.
Liberal Arts Research Professor, 2011-2016; Professor, 1993-2011; Associate Professor with tenure, 1987-1993; Assistant Professor, l979-1987, Department of Philosophy
Member, Center for Fundamental Theory, Institute for Gravitation and the Cosmos, 2009-Present
Affiliate, Department of English, Pennsylvania State University, 2006-Present
Affiliate, Department of African and African American Studies, Pennsylvania State University, 1996-Present
Fellow, Institute for the Arts and Humanities, Pennsylvania State University, 1995- 2011

Chercheur Associé Étranger de SPHERE / REHSEIS (Equipe Recherches Epistémologiques et Historiques sur les Sciences Exactes et les Institutions Scientifiques), Université Paris Denis Diderot (Paris 7) et Centre National de la Recherche Scientifique, 2005-Present
Member, Centre d'Études Leibniziennes (Mathesis), La Sorbonne, 2012-Present
Life Member, Clare Hall, University of Cambridge, 1998-Present
Associate, Center for Philosophy of Science, University of Pittsburgh, July 1992-Present

Senior Foreign Researcher, SPHERE / REHSEIS, September 2011-January 2012
Visiting Professor, Université Paris Ouest-Nanterre-La Défense – Paris 10 (May-June 2010)
Visiting Scholar, REHSEIS / Université Paris 7 / CNRS (2004-2005)
Visiting Fellow, Clare Hall, University of Cambridge, 1997-1998
Visiting Scholar, Dept. of History and Philosophy of Science, 1997-1998 and Dept. of Philosophy, 1998, University of Cambridge
Adjunct Associate Professor, Department of Philosophy, University of Pennsylvania, Jan.- May 1992
Senior Research Fellow, Institute for History and Philosophy of Science and Technology, University of Toronto, 1988-89
Fellow, National Humanities Center, 1985-86
Lecturer, Department of Philosophy, Yale University, Sept. 1978-June 1979

Instructor, Three Day Critical Seminar: "Poetry and Travel," Writing the Rockies Creative Writing Workshop, Western State University of Colorado, July 2016.
Instructor, Three Day Critical Seminar: "Poetry, Space and Time," with visit to Gunnison Observatory, Writing the Rockies Creative Writing Workshop, Western State University of Colorado, July 2015.
Panelist, Writing the Rockies Creative Writing Workshop, Western State University of Colorado, July 2012, July 2015, July 2016, July 2017.
Instructor or Panelist, West Chester University Poetry Conference, May 1995, June 1996, June 2000, June 2001, June 2004, June 2006, June 2013, June 2014, June 2016, June 2017, June 2018
Instructor, Sewanee Writers' Conference, July 1990, July 1991, and July 1993.
Instructor, Wesleyan Writers' Conference, June 1993.
Instructor, Bread Loaf Writers' Conference, August 1991.
Instructor, Chautauqua Writers' Center, July 1990, August 1992, June 1997.

Consultant Positions

Member, Wissenschaftlicher Beirat, Gottfried-Wilhelm Leibniz Gesellschaft, 2018-Present
Member, Five-Member Steering Committee, Association for the Philosophy of Mathematical Practice, 2015-2018
Member, Directive Committee, Association for the Philosophy of Mathematical Practice, 2014-Present
Member, Editorial Board*, Journal of Mathematics and the Arts*, 2018-Present
Member, Advisory Board, *Journal of Humanistic Mathematics*, 2010-Present
Member, Editorial Board, *Studia Leibnitiana*, 2002-Present
Member, Board of Directors and Editorial Board, *Journal of the History of Ideas,* 1998-Present

Reader for Yale University Press, Springer Verlag, Oxford University Press (Oxford and New York), Cambridge University Press, Princeton University Press, Bucknell University Press, Cornell University Press, Harvester Press, University of Chicago Press, St. Martin's Press, Pennsylvania State University Press, Wadsworth, SUNY University Press, Kluwer.

Reader for The British Journal for Philosophy of Science, Isis, Journal of Symbolic Logic, Philosophy of Science, The Mathematical Intelligencer, Archiv für Geschichte der Philosophie, Studies in History and Philosophy of Science, Philosophia Mathematica, Foundations of Science, Philosophia Scientiae, Studia Leibnitiana, History of Philosophy Quarterly, Hypatia, American Philosophical Quarterly, Journal of Speculative Philosophy, Philosophy and Rhetoric, Synthèse, Journal of the History of Ideas, Journal of the History of Philosophy, Perspectives on Science, Sciences et Technique en Perspective (Nantes), Canadian Journal of Philosophy, Mathematical Reviews, Topics in Cognitive Science, Studies in the Novel, Mathematical Intelligencer, International Journal of the Platonic Tradition, History and Philosophy of Logic, Epoché, Journal for Research in Mathematics Education, Mosaic: Journal for the Interdisciplinary Study of Literature, Journal of Humanistic Mathematics

Referee or Advisor for the Danish Council for Independent Research; MacArthur Foundation; the Heinz Foundation; the National Humanities Center; National Science Foundation; Social Sciences and Humanities Research Council of Canada; Canadian Philosophical Association;Israel Science Foundation; Research Foundation Flanders; Rockefeller Foundation (Bellagio); Comité scientifique international, Les Langages Scientifiques (séminaires et colloques), Université Université de Grenoble, 1998; Tagungskomitee, VII Internationale Leibniz-Kongress, Berlin, 2001.

Curator, "Farhad Ostovani: Works on Paper and Prints," Samek Art Gallery, Bucknell University, October 2012.

Advisory Editor, *The Hudson Review*, 1984-Present
Final Judge, Able Muse Write Prize for Poetry, 2020
President, Poets' Prize Committee, 1993-1996; Judge, Poets' Prize, 1988-2004
Judge, Poetry Society of America Awards, 1989
Judge, National Book Awards, 1995 (declined for family reasons)
Judge, Glascock Poetry Contest, Mount Holyoke College, 1996
Referee for tenure and promotion cases at Pomona College, Cornell University, University of North Carolina at Chapel Hill, Colorado College, and University of Nebraska English Departments; and at Emory University, Texas A&M University, University of Toledo, and University of the West Indies Philosophy Departments.

I have also raised or contributed funds within Penn State University to mount the following conferences, residencies, and lecture series: Poetry Reading and Lecture on Alberto Giacometti by Yves Bonnefoy, March 1984 ($1000); Poetry Reading and Lecture on Greek Poetry by Katerina Anghelaki-Rooke, April 1990 ($1000); Conference on "The Thought of W. E. B. Du Bois," March 20-21 1992 ($8000); Lecture series by Jules Vuillemin on Aristotle's *Poetics*, October 13-22 1992 ($4000); Two Conferences on "The Growth of Mathematical Knowledge," April 1995 ($16,000) and "History and Philosophy of Mathematics," April 1996 ($24,000); Residency of Elhanon Yakira, Hebrew University, 1996-97 ($14,000); Symposium on the Poetry of Maxine Kumin, 1997 ($5000); Lectures on the Holocaust, genocide, and the problem of evil by Israel Charny, Hebrew University, April 1999 ($1800); Conference on "Legacies of Simone de Beauvoir," November 1999 ($27,000); Lectures on Newton and Scientific Rationality, and the influence of African thought on European culture (January 2000), Residency at IAHS (Summer 2000), and lectures on Fanon and post-colonial Africa (March 2002), Koffi Maglo, Virginia Polytechnic Institute & State University, Moravian College, and M.I.T. ($3200); Sarah Starbuck, United States Fund for UNICEF (September 2003); Lecture Series on African American Philosophy (Spring 2008), co-taught with Christine Clark-Evans: Lewis Gordon, Harvey Cormier, Joy James, Koffi Maglo ($10,100); Workshops on Philosophy of Science (September 2008), Evelyn Fox-Keller ($1500); Lectures Series on Feminist Philosophy (Spring 2010), Sonia Kruks ($1000); Lecture and Poetry Reading by Roald Hoffmann, March 2011 ($750); Poetry Reading by Anne Stevenson, October 2011 ($2000); Discussion on Poetry and Painting with Farhad Ostovani, October 2012 (with Bucknell University, $2000); Workshop on Time and Complexity in Modern Cosmology with Abhay Ashtekar, John Norton, Gordon Fleming, Elie During, David Sloan, Alexis de Saint Ours, William Nelson, Bryan Roberts, and Thomas Pashby, April 2013($5000); Seminars on Spinoza with Ursula Goldenbaum, Emory University and Elhanan Yakira, Hebrew University, Jerusalem, March / April 2013; Seminars with Constance Borde and Sheila Malovany-Chevallier, translators of the new English edition of Beauvoir's *The Second Sex*, October 2013 ($3000); Seminar on Modern British Poetry with Graham Fawcett, May 2014 ($500); Lecture by Elhanan Yakira (April 2018); Seminar on Poetry by Ryan Wilson (November 2018).

Teaching

Graduate Seminars on History and Philosophy of Science, History and Philosophy of Mathematics, Kant, Locke, Berkeley, Hume, Reid, Leibniz, Spinoza, Descartes, Malebranche, Arnauld, Continental Rationalism, British Empiricism, African American Philosophy, Twentieth Century British Poetry, Logic.

Undergraduate Courses on History and Philosophy of Science, Early Modern Philosophy, Twentieth Century British Poetry, Contemporary American Poetry, African American Philosophy, Epistemology, Ethics, Logic, Poetry and Cosmology, Philosophy and Literature, Aesthetics, Children and Social Justice, Philosophy of Biology, Philosophy of Mathematics.

2000-2017 Ph.D. Dissertation Committees: *Director*: Ryan Pollock, Alastair Goff, David Seltzer, Amanda Hicks [State University of New York at Buffalo], Franklin Perkins, Evgenia Cherkasova, Daniel Campos, Diana Rhodes. *Member*: Tano Posteraro, Samuel Gault, Giulia Miotti [University of Rome], Aminah Hasan, David Agler, Michael Harrison (Mathematics), Travis Morrison (Mathematics), Sonny Arora (Mathematics), Ryan Flynn (Mathematics), William Chen (Mathematics), Ayla Gafni (Mathematics), Haining Wang (Mathematics), John Nale, Valérie Debuiche [University of Picardy Jules Verne], Hasana Sharp, Amy Wendling, Rebecca Wayland.
Advisor. Postdoctoral and doctoral students who have come to Penn State to work with me include Koffi Maglo [University of Burgundy], Emiliano Ippoliti [University of Rome 'La Sapienza'] and Giulia Miotti [University of Rome 'La Sapienza'].

Teaching Initiatives:

(a) I attended and received a certificate for a ten-week course on college teaching offered by the Center for Excellence in Learning and Teaching (PSU), Fall 1998.
(b) I helped to plan, attended, and led a discussion session at Colloquy 2000, Building Synergy between Research and Teaching, May 29, 2000, Penn State University.
(c) I was awarded, with James Stewart, a grant from the Fund for Excellence in Learning and Teaching (PSU) and an additional $600 from the Office for Educational Equity (PSU) for a proposal entitled 'The Cost of Philosophy: Martin Luther King and Dietrich Bonhoeffer.' We and our students created a multi-media record of the intersection of two courses (one on ethics, and the other on African American philosophy) and a conference on Bonhoeffer's influence in America and South Africa. Fall 1999. ($2500)
(d) I presented this course at the 8th Annual Teaching and Learning with Technology Symposium, April 1, 2000, Penn State University. Another colleague, Christine Clark-Evans, joined us to help with its development; we received further funds from FELT ($2000), and added new material.
(e) I taught a four-session series on the thought of Dietrich Bonhoeffer to a class of adults at the State College Presbyterian Church (Feb.-March 2000).
(f) I developed a three-credit service-learning course, 'Children and Social Justice,' which I presented at a symposium, 'A Blueprint for the Public Scholarship of Service Learning at Penn State,' March 29, 2003. This course took place during Fall 2003 and Spring 2004, and included guest speakers from UNICEF, the Human Rights Institute at the University of Iowa, and the Campaign for Child Survival; Penn State specialist David Post; a Humphrey Fellow who works for Save the Children in Myanmar (Burma); and the rector of a mission church in the Chaco region of Argentina. It also included field work with homeless children in the Dominican Republic for some students, supported by the Schreyer Honors College, and service learning at the local elementary schools in State College.
(g)) Working with Christine Clark-Evans, I developed a new course Philosophy / AAAS 469, African American Philosophy, and was awarded a grant from the Institute for Arts and Humanities (PSU) to support a lecture series to accompany it. We invited Lewis Gordon (Temple), Joy James (Williams), Harvey Cormier (SUNY/Stony Brook) and Koffi Maglo (University of Cincinnati) to lecture, as well as James Stewart and Thomas Poole, in Spring 2008. ($9500)
(h) I developed a new course Philosophy 497A, 'Science, Women and Traditional Knowledge,' which combines recent work in the philosophy of biology with case studies of projects that successfully combine Western scientific knowledge with traditional knowledge, to solve problems of poverty and environmental degradation. In Spring 2010, it included lectures by colleagues from the departments of Women's Studies, Rural Sociology, STS, Geography, and AAAS at Penn State, as well as the Centre for Development and Environment at the University of Bern, Switzerland.
(i) I developed a course on twentieth century British poetry, at the request of the English Department; I have taught it every Spring from 2009 to the present. During the same period, I have participated in related

workshops and seminars at two writers' conferences, and taught courses on philosophy and literature for the Philosophy Department, with an emphasis on German, Russian and English Romanticism, and writing on British literature for the *Hudson Review* and *PN Review*. Eliot's Modernism is a direct rejection of Romanticism, and that conflict plays out for the rest of the century.
(j) I was named a Schreyer Honors College Distinguished Honors Faculty, a position which included $8500 over three years to enhance classroom teaching, as well as informal programs with undergraduates at the Schreyer Honors College, Penn State. Visitors have included British poet Anne Stevenson, Iranian artist Farhad Ostovani, chemist and Nobel Laureate Roald Hoffmann, French philosopher Elie During, Constance Borde and Sheila Malovany-Chevallier (English translators of *The Second Sex*), Israeli philosopher Elhanan Yakira, and the composer Bruce Trinkley. I led a trip to New York City to explore the parks of south Manhattan, Governor's Island and the new Brooklyn Bridge Park with journalist and writer Paula Deitz; and I organized a Workshop on Cosmology and Time, which included a trip to the laboratory of Kurt Gibble, an expert of accurate clocks. (2011-2014).
(k) At "Writing the Rockies" where I taught a three-day seminar on "Poetry and Cosmology," I arranged for a trip to the Gunnison Valley Observatory, and we looked at the moon, planets and galaxies (July 2015).

Service

Sabbatical Leave Committee, College of the Liberal Arts, 2008-11
Commission for Women, Member, 1998-2004; Co-chair, Faculty Issues Committee, 2002-03
Senator, Faculty Senate, 1990-92; CFW Liason, 2001-02
College of the Liberal Arts Planning Advisory Committee, 1991-93
Chair, Committee on Faculty Affairs, College of the Liberal Arts, 1990-91
Instant Tenure Review Committee, College of the Liberal Arts, 1993-95
Interdisciplinary Graduate Program in the Humanities, 1979-1990
Women's Studies Committee, 1979-85

Co-Chair, Public Events Committee, 2016-2018
Director of Undergraduate Studies, Philosophy Department, 2012-2016
Co-Chair, Public Events Committee, 2013-2014
AD-14 Review Committee of Philosophy Department Head, Fall 2010
Chair, Advisory Committee, Philosophy Department, 2006-2009
Graduate Placement Officer, Philosophy Department, 2005-2009
Member, Environmental Studies Search Committee, Philosophy Department, 2008-9
Chair, Latino Philosophy Search Committee, Philosophy Department, 2006-7.
Member, African American Philosophy Search Committee, Philosophy Department, 2001-2002; 2007-8.
Library Liason, Philosophy Department, 2000-2004
Chair, Committee on Teaching, Philosophy Department, 1999-2000
Chair, Headship Search Committee, Philosophy Dept., 1992-93
Chair, Committee on Diversity Requirement, Philosophy Dept., 1990-92
Co-Chair, Ethics Chair Search Committee, Philosophy Dept., 1992-93
Graduate Program Review Committee, 1996-97
Executive Committee, Philosophy Dept. 1982-84, 1986-88, 1991-92, 1993-94

Publications in Philosophy

Great Circles: The Transits of Mathematics and Poetry. Springer Verlag 2018. My book on poetry and mathematics helps to inaugurate the new series Mathematics, Culture and the Arts (edited by Marjorie Senechal, Jed Buchwald, Gizem Karaali and Jeremy Gray). Part I: A Life in Mathematics and Poetry (Childhood, Adolescence, University Education, Adulthood); Part II: The Homestead (Great Circles, Ratios and Proportions, Periodicity in English Verse); Part III: Shipping Out (Algebra, Going with the Flow, Infinitesimal Calculus); Part IV: The Sky's the Limit! (Compactification, Set Theory and Algebraic Topology, Three Cosmological Poems).

Starry Reckoning: Reference and Analysis in Mathematics and Cosmology. Springer Verlag, SAPERE, 2016. In Studies in Applied Philosophy, Epistemology and Rational Ethics Series (edited by Lorenzo Magnani). Preface. Introduction. Chapter 1. Reference and Analysis. Chapter 2. Philosophy of Mathematics and Philosophy of History. Chapter 3. Rethinking Ampliative Reasoning. Chapter 4. Algebraic Number Theory and the Complex Plane. Chapter 5. Fermat's Last Theorem and the Logicians. Chapter 6. The Representation of Time in the 17th Century. Chapter 7. The Representation of Time from 1700 to the Present. Chapter 8. Analysis and Reference in the Study of Astronomical Systems. Afterword. Appendices and Glossary.

Time and Cosmology: Philosophers and Scientists in Dialogue. Special issue of *Studies in History and Philosophy of Modern Physics*, Volume 52 Part A, November 2015. I was invited to guest edit this issue by the editor Dennis Dieks, based on a workshop I organized at Penn State, April 2013. It includes contributions by Abhay Ashtekar, John Norton, Lee Smolin, Gordon Fleming, Jeremy Butterfield, Julian Barbour, Bryan Roberts, Thomas Pashby, Alexis de Saint-Ours, David Sloan and myself.

Leibniz, Time, and History. Special issue of *Studia Leibnitiana* , Band 44 / Heft 1. Franz Steiner Verlag, 2013. I was invited to guest edit this issue by the editor Herbert Breger. Some of these essays were the basis of a panel discussion at the Leibniz Weltkongress, Hannover, September 2011; it includes contributions by Jean-Pascal Anfray, Michael Futch, Ursula Goldenbaum, Samuel Levey, Elhanan Yakira, and myself.

Logic and Knowledge. Co-edited with Carlo Cellucci and Emiliano Ippoliti. Cambridge Scholars Publishing, 2011. The Introduction is written jointly by the three editors, and the collection of eighteen essays includes my "Logic, Mathematics, Heterogeneity."

Representation and Productive Ambiguity in Mathematics and the Sciences. Oxford University Press, 2007. This book has been given substantive, positive reviews in *Philosophia Mathematica*, *Review of Metaphysics*, *Isis*, *British Journal for Philosophy of Science, Studia Leibitiana, Philosophical Reviews* (Notre Dame, on line journal), the *Mathematical Intelligencer*, *Metascience*, *History and Philosophy of Log*ic, and *O nó dó problema ocidental* (a philosophical blog in Portuguese).

The Legacy of Simone de Beauvoir. Edited. Oxford University Press, 2004 / 2006. A collection of essays inspired by the 50th anniversary of *The Second Sex*. Essays by Susan James, Catherine Wilson, Claude Imbert, Toril Moi, Michèle Le Doeuff, Nancy Bauer, Anne Stevenson, and myself, as well as my Introduction and my translations of the Imbert and Le Doeuff essays.

The Growth of Mathematical Knowledge. Edited, with Herbert Breger. Kluwer, 1999.The Introduction is written by myself, and my essay, "The Partial Integration of Domains, Hybrids, and the Growth of Mathematical Knowledge," is included. *Synthèse Library 289*.

Leibniz's Science of the Rational. Co-authored with Elhanan Yakira. *Studia Leibnitiana* Sonderheft 26. Franz Steiner Verlag, 1998.

W. E. B. Du Bois on Race and Culture: Philosophy, Politics, Poetics. Co-edited with J. Stewart and B. Bell. The central third of the Editors' Introduction is mine, and my essay "Nature and Culture in Du Bois's *Quest of the Silver Fleece*" is included. Routledge, 1997.

Cartesian Method and the Problem of Reduction. Oxford University Press, 1991.
"The Central Role of Diagrams in Algebraic Topology," *Proceedings of Diagrams 2018*, Springer, forthcoming.

"Philosophical Debates about Scientific Explanation: Biology, Big Data, Scientific Meaning, and Politics," Special Issue of *Synthese*, ed. Emiliano Ippoliti et al.

"Leibnizian Analysis and Metaphysics and the Transformation of Geology and Biology: Humanizing the World without Anthropomorphism," *Leibniz's Legacy in Modern European Thought*, ed. A. Borowski, submitted to Oxford University Press.

"Cassirer and the Warburg Institute, and the School of Chicago: How to Combine Logos and Mythos in Philosophy, Science, History and Poetry," *The Bounds of Myth*, eds. G. Esparza, C. Calabrese, E. Junco, submitted to Brill.

"Generalization and Imagination in Number Theory," *Mathematics, Philosophy and History*, ed. N. Goethe, to be submitted to Springer.

"Inescapable Geometry: Reflections on Cantor's and Dedekind's Theory of Numbers," *Festschrift* for Hourya Sinaceur, Classiques Garnier, forthcoming in French translation in 2020.

"The Central Roles of Diagrams in Algebraic Topology," *Diagrammatic Representation and Inference*, Proceedings of Diagrams 2018, eds. P. Chapman, G. Stapleton, A. Moktefi, S. Perez-Kriz, F. Bellucci, Springer 2018, pp. 814-7.

"Scientific Discovery and Inference: Between the Lab and Field in Biology," co-authored with Tano Posteraro and Alex Grigas, Special Issue of *Topoi* on inference and discovery in the sciences, eds. Emiliano Ippoliti and Thomas Nickles. *Topoi*, June 2018, online, 13 pages: https://link.springer.com/article/10.1007/s11245-018-9572-2

Edition of Leibniz' "Mathesis Generalis: LH XXXV, 1, 9, fol. 9-14" (ca. 1700), included in G. W. Leibniz, *Mathesis Universalis: Écrits sur la mathématique universelle*, David Rabouin (Ed.), Paris: VRIN, 2018, pp. 169-180.

"Reuben Hersh on the Growth of Mathematical Knowledge: Kant, Geometry and Number Theory," *Humanizing Mathematics and its Philosophy: Essays Celebrating the 90th Birthday of Reuben Hersh*, ed. Bharath Sriraman, Birkhäuser, Springer / Birkhäuser, 2017, pp. 97-114.

"Two English Translations of Simone de Beauvoir's *The Second Sex*," *Blackwell Companion to Simone de Beauvoir*, eds. N. Bauer and L. Hengehold, Wiley-Blackwell, 2017, pp. 59-70.

"Leibnizian Analysis, Canonical Objects, and Generalization," in *The Oxford Handbook of Generality in Mathematics and the Sciences*, eds. Karine Chemla, David Rabouin, and Renaud Chorley, Oxford University Press, 2016, pp. 329-344.

"Searching for the Middle Term: Descartes, Gassendi, and Modern Biology," Special Issue of *IYYUN, The Jerusalem Philosophical Quarterly* 65 (July 2016), pp.1-19.

Entry on "The *Meditations*" in the *Cambridge Descartes Lexicon*, ed. Lawrence Nolan, Cambridge University Press, 2016, pp. 487-490.

"Models of the Skies," *Models and Inferences in Science*, eds. F. Sterpetti and E. Ippoliti, SAPERE Series, Springer Verlag, 2016, pp. 77-94.

"The Uses of Models in Petroleum and Natural Gas Engineering," co-authored with Kahindo Kamau, *Models and Inferences in Science*, eds. F. Sterpetti and E. Ippoliti, SAPERE Series, Springer Verlag, 2016, pp. 241-253.

"Editor's Introduction," Special issue: Cosmology and Time: Philosophers and Scientists in Dialogue. Guest Ed. E. Grosholz, *Studies in History and Philosophy of Modern Physics*, Vol. 52 Part A (November 2015), pp. 1-7.

"Letter to the Editor," Response to Nathalie Nya's response to my essay "Simone de Beauvoir and Practical Deliberation," *PMLA*, Vol. 124, No. 1 (January 2009), pp. 199-205, in *Forum*, *PMLA*, Vol. 130, No. 1 (January 2015), pp. 169-171.

"Leibniz's Mathematical and Philosophical Analysis of Time," in *G. W. Leibniz: Interrelations between Mathematics and Philosophy*, D. Rabouin, P. Beeley, and N. Goethe, eds., Archimedes Series 41, New Studies in the History and Philosophy of Science and Technology, Springer Verlag, 2015, pp. 75-88.

"Leibniz, Locke and Cassirer: Abstraction and Analysis," *Leibniz and Analysis, Studia Leibnitiana*, Band 45, Heft 1 (2014), Special issue on Analysis edited by H. Breger and Wen Chao Li, pp. 97-108.

"Fermat's Last Theorem and the Logicians," *From a Heuristic Point of View: Essays in Honor of Carlo Cellucci*, E. Ippoliti and C. Cozzo, ed. Cambridge Scholars Publishing, 2014, pp. 147-162.

"Reflections on Voice and Character," in *Les Plis de la Voix*, ed. M. de Gaudemar, Lambert-Lucas (2013), pp. 81-90.

"Teaching the Complex Numbers: What History and Philosophy of Mathematics Suggest," *Journal of Humanistic Mathematics*, Vol. 3, No. 1. (On-line)

"Philosophy of Mathematics and Philosophy of History," *Paradigmi: Revista di critica filosofia*. Special issue on philosophy of mathematics, ed. C. Cellucci, Vol. 29, No. 1 (2011), pp. 13-28.

"Leibniz's Metaphysics of Time and his Practice as Historian and Physicist," *Proceedings* of the IX Internationaler Leibniz Kongress, Hannover, Germany, September 2011, Band II, pp. 417-424. This paper is part of a three person panel, *Leibniz, History and Time,* which I organized; the other two presenters were Ursula Goldenbaum and Jean-Pascal Anfray.

"Studying Populations without Molecular Biology: Aster Models and a New Argument Against Reductionism," *Studies in History and Philosophy of Science, Part C: Studies in History and Philosophy of Biological and Biomedical Sciences* 42 (2011), pp. 246-51.

"Logic, Mathematics, Heterogeneity," with a discussion by Valeria Giardino, *Logic and Knowledge*, E. Grosholz, C. Cellucci and E. Ippoliti, eds., Cambridge Scholars Publishing, 2011, pp. 305-319.

"The Representation of Time in Galileo, Newton and Leibniz: Reference and Analysis," 2010 Lovejoy Lecture, *Journal of the History of Ideas*, Vol. 72, No. 3 (July 2011), pp. 333-350.

"Space and Time," in the *Oxford Handbook of Philosophy in Early Modern Europe*, Desmond Clarke and Catherine Wilson, eds., Oxford University Press, 2011, pp. 51-70.

"Locke et Leibniz: Forme et expérience," (tr. Gaetan Pegny), in *Locke et Leibniz: Deux styles de rationalité*, M. de Gaudemar and P. Hamou, eds., Europaea Memoria Series, Series I, Vol. 84, Georg Olms, 2010, pp. 93-108.

"Aristotle, Shakespeare, and the Problem of Character," Special Issue on Philosophy and Poetry, *Midwest Studies in Philosophy*, Vol. XXXIII (2009), E. Lepore, P. A. French, and H. Wettstein, eds., pp. 198-208.

"Leibniz on Mathematics and Representation: Knowledge through the Integration of Irreducible Diversity," *The Philosophy of the Young Leibniz*, M. Kulstad, M. Laerke, and D. Snyder, eds., *Studia Leibnitiana* Sonderheft 35, Franz Steiner Verlag, 2009, pp. 95-110.

"Simone de Beauvoir and Practical Deliberation," *PMLA*, Vol. 124, No. 1 (January 2009), pp. 199-205.

"Productive Ambiguity in Leibniz's Representation of Infinitesimals," *Infinitesimal Differences: Controversies between Leibniz and his Contemporaries*, U. Goldenbaum and D. Jessup, eds., Walter de Gruyter, 2008, pp. 153-170.

"Locke, Leibniz and Hume on Form and Experience," *Leibniz: What Kind of Rationalist?*, ed. M. Dascal, Springer Academic Publications, 2008, pp. 167-182.

"How to Say True Things in Algebraic Topology," *Demonstrative and Non-demonstrative Reasoning in Mathematics and Natural Science*," eds. P. Pecere and C. Cellucci, Edizioni dell' Università degli Studi di Cassino, 2006, 27-54.

"Constructive Ambiguity in Mathematical Reasoning," *Mathematical Reasoning and Heuristics*, eds. D. Gillies and C. Cellucci, King's College Publications, 2005, pp. 1-23.

"Jules Vuillemin's *La Philosophie de l'algèbre*: The Philosophical Uses of Mathematics," *Philosophie des mathématiques et théorie de la connaissance: L'Oeuvre de Jules Vuillemin*, R. Rashed and P. Pellegrin, eds. Paris: Albert Blanchard, 2005, pp. 253-270.

"Descartes: *Meditations on First Philosophy*," *The Classics of Western Philosophy*, J. Gracia, G. Reichberg, and B. Schumacher, eds., Blackwell Publishers, 2003, pp. 217-233.

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Songs of Two Bellevilles. Compact Disc. Songs composed by Bruce Trinkley: my poems about Belleville, a neighborhood in Paris, and poems by Julia Kasdorf about Belleville, Pennsylvania. Carl V. Shinko, ed., Longfooter Productions, 2017.

Childhood (poems, with drawings by Lucie Vines Bonnefoy), Accents Publishing, 2014. This book has raised over $3500 for UNICEF since it was launched.
こどもの時間 In 2015, it was translated into Japanese by Atsuko Hayakawa (Tsuda College, Tokyo) with illustrations by Chihiro Iwasaki and musical compositions by Kaori Muraji and Koko Tanikawa; it was published by Kurumed Shuppan in late 2015. Koko Tanikawa produced a Compact Disc entitled *First Piano Lesson* in 2018, with three piano compositions inspired by poems from *Childhood*. A film was made of the book-launch by Kazunori Kurimoto; Muchiro Oshima is also setting some of the poems to music; and the book has its own Facebook page. The poem "Snowdrop" was turned into a dance by Michiyo Sato, with recitation by Clara Kumagai.
Infanzia. An Italian translation by Sara Amadori (University of Bologna), Raffaelli Editore (2016).
Childhood Songs, for Soprano and Piano. Compact Disc. Eight of the poems in *Childhood* set to music by the Italian composer Mirco De Stefani. Rivoalto, Venice, 2016 and were performed in concert at the Villa Marcello Loredan Franchin near Venice by soprano Christine Nadal and pianist Igor Cognolato, November 2019.
Enfance. A French translation by Pascale Drouet (University of Poitiers), Editions Lambert-Lucas (2017).
Kindheit. A German translation by Ulrike Blatter is complete, and under consideration.
A Bulgarian translation by Katerina Stoykova-Klemer is underway, to be published by Signs.
Translations into Russian, Portuguese, Turkish, Hebrew and Bengali are under discussion.

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Proportions of the Heart: Poems that Play with Mathematics (poems, with mathematical art by Robert Fathauer), Tessellations Publishing, 2014. This book was featured on the mathematics blog of Evelyn Lamb for *Scientific American*, Roots of Unity, in April 2015, in recognition of National Poetry Month; and on the FQXi blog of Zeeya Merali, in May 2015, along with a podcast of three of my physics poems.

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"Hyperspace, Poetic Science Fiction and Algebraic Topology, *Proceedings of Bridges Stockholm 2018: Mathematics, Music, Art, Architecture, Culture*, eds. E. Torrence, B. Torrence, C. Séquin, K. Fenyvesi, Tessellations Publishing, 2018, pp. 259-264.

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Advisory Editor for *Maxine Kumin*, online volume in the series *Poetry Criticism: Criticism of the Works of the Most Significant and Widely Studied Poets of World Literature* (Volume TBD), Gage / Layman Poupard Publishing, forthcoming. I collected and annotated 17 critical essays, interviews and biographies, and wrote an assessment of the major trends in scholarship on Kumin.

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"Returning as a Barn Swallow: Maxine Kumin," one of a set of six short memoirs edited by Robin Becker, *American Poetry Review*, Vol. 44 / 1 (January / February 2015), pp. 35-38.

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"Great Circles: The Analysis of a Concept in Mathematics and Poetry," Special issue on poetry, ed. S. Glaz, *Journal of Mathematics and the Arts*, Vol. 8 / 1-2, 2014, pp. 24-30.

"Personages and the Claim of the Heart in Dostoevsky's *The Brothers Karamazov*," *Hudson Review*, Vol. LXVII, No. 1 (Spring 2014), pp. 83-96.

"Hanford, Gainesville, Rome: The Landscapes of Debora Greger," *Sewanee Review*, Vol. CXXII, No. 1 (Winter 2014), pp. 75-89.

"Letter from St. Petersburg," *Hudson Review*, Vol. LXVI, No. 4 (Winter 2014), pp. 613-619.

"Letter from Moscow," *Hudson Review*, Vol. LXVI, No. 3 (Autumn 2013), pp. 438-445.

Translations from Old French of ten poems by Thibaut de Champagne and one by Hue de la Ferté, as well as of an introductory essay, "The Songs of Thibaut de Champagne (1201-1253)," by Anne Ibos-Augé. My translations were included in the program when the songs were performed by Alla Francesca (the ensemble-in-residence at the Musée de Cluny) in the Medieval Sculpture Hall of the Metropolitan Museum of Art, New York, in December 2012, and are now in the booklet for the CD of their performance produced by AEON. *Hudson Review*, Vol. LXV, No. 3 (Autumn 2012), pp. 419-438.

Six poems-with-photographs in *Levure Littéraire* / Art & Music, No. 6 (September 2012), ed. Rodica Draghinescu, on-line journal.

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"Tree, Lily, Rose, Grape: Object and Thought in the Painting of Farhad Ostovani," *Hudson Review*, LX, No. 4 (Winter 2008), 621-629.

"On Necklaces," *Best American Essays* 2008, Adam Gopnik and Robert Atwan, eds., Houghton Mifflin, 2008, pp. 75-89; first published in *Prairie Schooner*, Summer 2007, Vol. 81, No. 2, pp. 182-195.
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"Frederick Morgan's New York Suite in *Poems for Paula*," *Sewanee Review*, Vol. CIX, No. 1 (Winter 2001), 129-34.

"The Poetry of Anne Stevenson," *Michigan Quarterly Review*, Vol. XL, No. 4 (Fall 2001), 727-38. Reprinted in *The Way You Say the World: A Celebration for Anne Stevenson*, John Lucas and Matt Simpson, eds., Shoestring Press, 2003.

Six translations of poems by Yves Bonnefoy, *Hudson Review* special issue on French literature, Vol. LIV, No. 3 (Autumn 2001), 433-38

" 'Huge Cloudy Figures of a High Romance': Shadows, Sensation, and the Infinite in the Poetry of John Keats," *Hudson Review*, Vol. 53, No. 4 (Winter 2001), pp. 599-606.

"Poetry and Science in America," *The Measured Word: Essays on Poetry and Science*, K. Brown, ed., University of Georgia Press, 2001, pp. 69-89. First published in *Princeton University Library Chronicle*, special issue on American poetry, 1908-1992, Vol. LV, No. 3 (Spring 1994), pp. 532-552.

"Mrs. Thurston's Neighborhood: A Sense of Place in the Poetry of Mona Van Duyn," *Discovery and Reminiscence: Essays on the Poetry of Mona Van Duyn*, Michael Burns, ed., University of Arkansas Press, 1998, pp. 47-61.

"The *Valsaintes* Poems of Yves Bonnefoy," Mary Ann Caws, ed., special issue of *L'Esprit Créateur*, Vol. XXXVI, No. 3 (Fall 1996), pp. 52-64.

"Distortion, Explosion, Embrace: The Poetry of Alice Fulton," *Michigan Quarterly Review*, Vol. 34, No. 2 (Spring 1995), pp. 213-29.

Ten translations of poems included in *Yves Bonnefoy, New and Selected Poems*, J. Naughton and A. Rudolf, eds., University of Chicago Press, 1995, pp. 72-95.

Thirteen biographies (Ackerman, Adams, Di Piero, Feldman, Fulton, Hadas, Howes, Levertov, Miles, Olson, Pack, Pollitt, Turner) for the *Oxford Companion to Twentieth Century Poetry in English*, Ian Hamilton, ed.

"Class and Poetry on the Outskirts of Philadelphia," *New England Review*, Vol. 12, No. 2 (Spring 1993), pp. 19-22.

"Roald Hoffmann's Praise of Synthetic Beauty," *Studies in American Jewish Literature*, Vol. 9, No. 2, Fall 1990, pp. 224-7.

"Altamira and Santiago de Compostela," *Pequod*, Special Issue on Literature and the Visual Arts, Nos. 28 and 29, 1989, pp. 226-34.

"Letter from Toronto," *Hudson Review*, Vol. 42, No. 3, Autumn 1989, pp. 362-7.

"The Insufficiency of Lyric and the Richness of Poetry," *Cumberland Poetry Review*, special issue on Donald Davie, Vol. 8, No. 1, Fall 1988, pp. 5-10.

"Rationalist, Empiricist: The Poetry of Julia Randall and Josephine Miles," *Cumberland Poetry Review*, Vol. VI, No. 1 (Fall 1986), pp. 76-97.

"Milosz and the Moral Authority of Poetry," *The Hudson Review*, Vol. 39, No. 2, Summer 1986, pp. 251-70. Reprinted in *Conversant Essays: Contemporary Poets on Poetry*, James McCorkle, ed., Wayne State University Press, 1990, pp. 65-78.

"Form, Flux and Pattern: The Poetry of Dorothy Roberts," *Cumberland Poetry Review*, Vol. 4, No. 2, Spring 1985, pp. 22-34.

"Imagining Human Action," *Kenyon Review*, Vol. 5, No. 2, Spring 1983, pp. 64-6.

"Angels, Language and the Imagination: A Reconsideration of Rilke's Poetry," *Hudson Review*, Vol. 35, No. 3,

"The Interpretation of Dream Poems: Freud, Surrealism and Contemporary American Poetry," *New England Review*, Vol. 4, No. 2, Winter 1981, pp. 292-231.

"Painting the Rivers," review essay on seven travel books and scholarly works about the river systems of central Eurasia, *Hudson Review*, Vol. LXVI, No. 1 (Spring 2013), pp. 175-182.

"Report: Mathematical Poetry at Bridges 2012, Baltimore, MD, July 2012," *Journal of Mathematics and the Arts*, Vol. 6, No. 4 (December 2012), pp. 219-20.

"Poetry in the Wild: Two Books on Polar Exploration and the Life of Darwin," review of two books of poetry, *American Scientist*, Vol. 100, No. 3 (May-June 2012), pp. 262-63.

"Echoes of Romanticism: New English Poetry," review essay of seven books of British poetry, *Hudson Review*, Vol. LXIV, No. 2 (Summer 2011), pp. 341-51.

"The Poetics of Landscape Architecture," review essay of Paula Deitz, *Of Gardens* (University of Pennsylvania, 2010), *Sewanee Review*, Vol. CXIX, No. 3 (Summer 2011), pp. *l – liv*.

"The Isolated Protagonist: Three Novels by Orhan Pamuk, Jenny McPhee, and Laura Stevenson," review essay of Orhan Pamuk, *The Museum of Innocence* (Knopf, 2009), Jenny McPhee, *A Man of No Moon* (Counterpoint, 2009), and Laura Stevenson, *Return in Kind* (Separate Star, 2010), *Hudson Review*, Vol. LXIII, No. 3 (Autumn 2010), pp. 521-27.

"Kenneth Burke and Shakespeare," review essay of *Kenneth Burke on Shakespeare*, S. Newstok, ed. (Parlor Press, 2007), *Hudson Review*, Vol. LXI, No. 3 (Fall 2008), pp. 537-44.

"Thick on Severn Snow the Leaves," review essay of *The Letters of A. E. Housman*, 2 vols. (Oxford University Press, 2007), *Hudson Review*, Vol. LX, No. 4 (Winter 2008), pp. 691-99.

"Masculine Poetics: Works, Days and Cars," review of six books of poetry, *Hudson Review*, Vol. LIX, No. 3 (Autumn 2006), pp. 500-508.

"Poetry and Painting: Two Exhibitions in Honor of Yves Bonnefoy," review of two art exhibits, *Hudson Review*, Vol. LVIII, No. 4 (Winter 2006), pp. 660-66.

"Review of Joe Ashby Porter's *The Near Future*," *Golden Handcuffs Review*, Vol. I, No. 7 (Winter / Spring 2006), pp. 223-26.

"Flights of Imagination," review of six books of poetry, *Hudson Review*, Vol. LVII, No. 1 (Spring 2004), pp. 159-65.

"Jean Starobinski's History of 'Reaction': The Uses and Dangers of Metaphorical Language," review essay of Jean Starobinski, *Action and Reaction: The Life and Adventures of a Couple* (Zone Books, 2003), *The Hudson Review*, Vol. LVI, No. 4 (Winter 2004), pp. 726-732.

"Flint and Iron," review of eight books of poetry, *Hudson Review*, Volume LIII, No. 3 (Fall 2000), pp. 495-504.

"Love and the Creation of Value," review essay on Irving Singer, *The Pursuit of Love* (Johns Hopkins University Press, 1994), *Hudson Review*, Vol. 47, No. 4 (Winter 1995), pp. 661-6.

"Over the Hill," review of eight books of poetry, *Hudson Review*, Vol. 46, No. 3 (Fall 1993), pp. 570-8.

"Two Perspectives on Romanticism," review of Carol Jacobs, *Uncontainable Romanticism* (Johns Hopkins University Press, 1989) and T. Ziolkowski's *German Romanticism and Its Institutions* (Princeton University Press, 1989), *Hudson Review*, Vol. 44, No. 3, Spring 1991, pp. 150-4.

"Beyond the Circle of the Self," review of eight books of poetry, *Hudson Review*, Vol. 43, No. 2, Summer 1990, pp. 324-34.

"Hope and Illusion in a Late Age: The Poetics of Yves Bonnefoy," review essay on Yves Bonnefoy, *The Act and the Place of Poetry*, John T. Naughton, ed. and trans. (U. of Chicago, 1989), *Hudson Review*, Vol. 42, No. 2, Winter 1988-89, pp. 667-74.

"Marriages and Partings," review of six books of poetry, *Hudson Review*, Vol. 40, No. 1, Spring 1987, pp. 156-164.

"The Importance of Being Learned," review of three books of poetry, *The New York Times Book Review*, Jan. 4 1987, pp. 22 and 24.

"Family Ties," review of ten books of poetry, *Hudson Review*, Vol. 37, No. 4, Winter 1984-85, pp. 647-59.

"New Renderings," review of nine books of foreign language poetry in English translation, *Hudson Review*, Vol. 37, No. 1, Spring 1984, pp. 132-42.

"Masterworkers and Others," review of twelve books of poetry, *Hudson Review*, Vol. 36, No. 3, Autumn 1983, pp. 582-92.

"Arms and the Muse," review of four books of poetry, *New England Review*, Vol. 5, No. 4, pp. 634-46. Repr. in *Writing in a Nuclear Age*, J. Schley, ed., University Press of New England, 1983.
"Poetry Chronicle," review of nine books of poetry, *Hudson Review*, Vol. 35, No. 2, Autumn 1982, pp. 319-33.

"Nicholas de Staël," review of an exhibit of paintings, *Hudson Review*, Vol. 34, No. 3, Autumn 1981, pp. 397-400.

"Writing Landscape: Five Poets," review of five books of poetry, *New England Review*, Vol. 3, No. 4, pp. 604-16.

"Mazzaro, Vendler, Freud & Co.," review of two books of criticism, *Hudson Review*, Vol. 33, No. 4, Winter 1981, pp. 596-602.

"Poetry Chronicle," review of fourteen books of poetry, *Hudson Review*, Vol. 33, No. 2, Summer 1980, pp. 293-308. Portion reprinted in *Certain Solitudes: On the Poetry of Donald Justice*, eds. D. Gioia and W. Logan, University of Arkansas Press, 1997.

Review of John Hollander's *Spectral Emanations: New and Selected Poems* (Atheneum, 1979) in *Grolier's Masterplots 1979 Annual*, Grolier Enterprises, 1979.

Presentations (1995-2019)

"Philosophical Debates about Scientific Explanation: Biology, Big Data, Scientific Meaning and Politics," University of Rome 'La Sapienza,' December 2019.

"Realism, Eliminativism, Instrumentalism: Koffi Maglo on Scientific and Philosophical Debates about the Reality of Race," University of Rome 'La Sapienza,' November 2019.

"Big Data, Mathematical Models, Biological Research, and the Politics of Climate Change," Conference on the Explanatory and Heuristic Power of Mathematics, University of Rome 'La Sapienza,' June 2019.

"Productive Ambiguity in Biology: Philosophy of Biology Rethinks the Interactions of Mathematical Models with Empirical Data, History and Ethics," Lecture for Science, Technology and Society, University of California at Davis.

"A New Understanding of Rationality in Philosophy of Biology: How Big Data Links Mathematical Models and Empirical Data with Environmental Politics," Lecture for Data Science Initiative, University of California at Davis.

"Leibnizian Analysis in Metaphysics, Mathematics, Physics, Geology and Biology: From Fox Keller, Back to Leibniz and on to Darwin," Three hours seminar: Atlelier Mathesis, SPHERE, University of Paris Denis Diderot, Paris 7, March 2019.

"Figures of Speech and Figures of Thought," Dialogue with myself and Edward Rothstein, moderated by Grace Schulman, Poets House, New York City, March 2019.

"Simone de Beauvoir, Philosophical Memoir, and Practical Deliberation," panel on "Les memoirs et la philosophie," with Karen Newman (moderator), Manon Garcia and Margaret Simons, International Forum "Penser avec Simone de Beauvoir Aujour'hui," University of Paris Denis Diderot – Paris 7, October 2018.

Moderator, Panel on "Simone de Beauvoir's Feminist Art of Living," with Céline Leboeuf (speaker) and Jacqueline Martinez (commentator), SPEP, Pennsylvania State University, October 2018.

"Hyperspace, Poetic Science Fiction and Algebraic Topology," Bridges 2018, Stockholm, July 2018.

"The Central Role of Diagrams in Algebraic Topology," Diagrams 2018, Edinburgh, June 2018 (in absentia).

"How Number Theory and Logic Benefit from Productive Ambiguity: Goedel, Mazur, Wiles and Macintyre," CSHPM Kenneth O. May Lecture, Plenary Talk, Joint Meeting of the Canadian Philosophical Association and the Canadian Society for the History and Philosophy of Mathematics, Montréal, Canada, June 2018.

"The Growth of Mathematical Knowledge: An Explanation in Terms of Intersecting Domains, Patterns of Reasoning, Shifts in Notation, and the Combination of Reference and Leibnizian Analysis," Award Ceremony, Fernando Gil International Prize for Philosophy of Science, Fundação Calouste Gulbenkian, Lisbon, April 2018.
"How the Interaction of Number Theory and Logic Contribute to the Growth of Mathematical Knowledge: Gödel, Wiles and Macintyre," Seminar, with responses from Adelino Dias Cardoso, Maria Filomena Moder, Paulo Almeida, and Ricardo Lopes Coelho, Fundação Calouste Gulbenkian, Lisbon, April 2018.

"The Combination of Reference and Analysis in the Study of Astronomical Systems," Seminar, Center for Philosophy of Sciences, University of Lisbon, April 2018.

"The Growth of Mathematical Knowledge: Intersecting Domains, Shifts in Notation, Analysis and Reference," Faculty of Philosophy and Faculty of Mathematics, Astronomy, and Physics, University of Cordoba, Argentina, March 2018.

"Analytic Number Theory, Model Theory and Philosophy," Faculty of Philosophy and Faculty of Mathematics, Astronomy, and Physics, University of Cordoba, Argentina, March 2018.

"Locke, Leibniz and Hume on Form and Experience," Torcuato Di Tella University, Buenos Aires, March 2018.

"How Mathematics Grows: Ontology, Reasoning, Notation, Reference and Analysis," Semiomaths Conference, Zurich, March 2018.

"Wiles' Proof of Fermat's Last Theorem and the Logicians," and "Poetry and Science," Department of English and Department of Mathematics, University of Texas at Dallas, February 2018.

"Translating Yves Bonnefoy," and presentation of *Enfance*, Conference on Translation, University of Poitiers, November 2017.

"Mathematical Explanation: Algebraic Number Theory and the Complex Plane," Department of Mathematics, Pennsylvania State University, November 2017.

"Productive Ambiguity in Mathematics and the Sciences," and "Women and Poetry," Department of Philosophy, Case Western University, November 2017.

Symposium on Philosophy of Science, with Robert Crane and Sam Kean, The Penn State Science Policy Society, Pennsylvania State University, October 2017.

"Great Books, Poetry and Mathematics," Bridges Waterloo 2017, Waterloo, Canada, July 2017.

"Poetry, Philosophy, Mathematics," and "Cosmology as the Middle Term between Poetry and Philosophy," Writing the Rockies 2017, July 2017.

"Inescapable Geometry: Reflections on Cantor's and Dedekind's Theory of Numbers," Conference in Honor of Hourya Sinaceur, University of Paris Denis Diderot – Paris 7, June 2017.

"Do I Write as a Woman Poet, or as a Poet who is a Woman?" West Chester Poetry Conference, June 2017.

"Theory Reduction, Algebraic Number Theory, and the Complex Plane," Annual Mathematics and Philosophy Lecture, Department of Philosophy, University of Calgary, March 2017.

"Time in the Seventeenth Century: Mathematics, Physics and Metaphysics," Inaugural Lecture, Science and Metaphysics Series, University of Rome "La Sapienza," and University of Calgary, March 2017

"The Art of Translation," with composer Mirco De Stefani, University of Bologna / Forlì, March 2017.

"Speaking of Max: A Conversation on the Poetry of Maxine Kumin," New Hampshire Poetry Festival, Concord, NH, September 2016.

"The Poetry of Travel," Three-day Critical Seminar at Writing the Rockies, Gunnison, Co., July 2016.

"Running Against the Wind: How Poets Use Inertial Motion as a Poetic and Conceptual Figure," Poetry Symposium, with Paul Edwards and Thomas Cable, at Writing the Rockies, Gunnison, Co. July 2016.

"Poetry and Philosophy," Poetry Panel with Christopher Norris, Niles Ritter and Frederick Turner, at Writing the Rockies, Gunnison, Co., July 2016.

"The *Dial* and Marianne Moore, The *Nation* and Grace Schulman, the *Hudson Review* and Paula Deitz," with Grace Schulman, at Poets' House (Poets of New York Tour), New York, June 2016.

Judge for Great Debate I: Poetry or Verse? At 21st Annual Poetry Conference, Exploring Form & Narrative, West Chester University, Pa., June 2016.

"Translating Poetry: French to English, English to French," Writers in the Schools and *Hudson Review*, School for International Studies, Brooklyn, May 2016.

"Motion, Function, Action: What Spinoza and Leibniz Can Teach Contemporary Philosophy of Biology," 2016 Spinoza-Leibniz Workshop, Michigan State University, May 2016.

"Number Theory, Logic, Geometry: How Mathematicians Think," IREM (Institut de Recherche sur l'Enseignement des Mathématiques de Paris), University of Paris Denis Diderot – Paris 7, March 2016.

"Descartes and Gassendi: Mathematics, Metaphysics, Mechanics," Workshop on the *Objections and Replies*, Hebrew University, Jerusalem, January 2016.

"Poetry and Mathematics," One-day workshop at BIRS, Banff, Canada, January 2016.

"Great Circles: Poetry, Mathematics and Philosophy," Waseda University, Tokyo, December 2015.

"G. W. Leibniz: Metaphysics, Religion, Diplomacy," Christian Culture Research Center, Seisen University, Tokyo, December 2015.

"Poetry, Women, Space and Time," Tsuda College, Tokyo, December 2015.

"Reasonable Passions and Erotic Reason in Dostoevsky," ASEEES Meetings, Philadelphia, November 2015.

"Reference and Analysis in Analytic Number Theory," FPMW7 Meetings, Paris, November 2015.

"Report on Cultures of Mathematical Research Training Workshop," APMP Meetings, Paris, November 2015.

"Danielle Macbeth, Frege, and the Languages of Mathematics," Greater Philadelphia Philosophy Consortium, Haverford College, September 2015.

"Ampliative Reasoning: The Specificity of Mathematical Language and the Uses of Ambiguity," CLMPS, University of Helsinki, August 2015.

"Logic and Arithmetic: A Relationship but not a Reduction," Conference on History and Philosophy of Logical Notation, Talinn, Estonia, August 2015.

"Julia Randall's Poetic Finitude: Mapping the Infinite onto a Poem," Bridges 2015, Baltimore, August 2015.

"Poetry and Cosmology," Three-day workshop, Writing the Rockies, Gunnsion, Co., July 2015.

"Ruth Fainlight's Poetic Vision: Poetry and Painting," Writing the Rockies, Gunnison Co., July 2015.

Panel, "Cultures of Mathematical Research Training," funded by International Council of Science / International Union for History and Philosophy of Science / International Mathematical Union, University of Hamburg, June 2015.

"Response to Lecture on James Redfield," University of Chicago, May 2015.

"Theory Reduction and Mathematical Meaning: Gödel Numbering, Logic and Number Theory," CEPERC, Aix-Marseilles University, March 2015.

"Le raisonnement ampliatif en théorie des nombres," IREM (Institut de Recherche sur l'Enseignement des Mathématiques de Paris), University of Paris Denis Diderot – Paris 7, March 2015.

"Poetry and Science," with Ruth Padel and Lavinia Greenlaw, Upper Wimpole Street Literary Salon, London, March 2015.

"Responses to Panelists Abram Kaplan, Michael J. Barany and Jemma Lorenat: Evidence in Mathematical Understanding," History of Science Society Meetings, Chicago, November 2014 (contributed in absentia.)

"How Models Mediate between Theory and Scientific Data: Molcules, Solar Systems, Galaxies," Conference on Scientific Models, University of Rome "La Sapienza," Rome, September 2014.

"Number Theory and the Complex Plane," Second Joint International Meeting of the Israel Mathematical Union and the American Mathematical Society, Panel on Recent Trends in the History and Philosophy of Mathematics, Tel Aviv, June 2014.

"Translating Bonnefoy and Sedakova," Panel on *Poets Translate Poets*, West Chester University Poetry Conference, June 2014.

"Remembering Maxine Kumin," Poets of New England Poetry Tour, May 2014.

Panel on the Life Sciences in Early Modern Philosophy, with François Duchesneau, Jutta Schickore and Justin Smith and myself as organizer and moderator, 75th Anniversary Meetings of the *Journal of the History of Ideas*, Philadelphia, May 2014.

"Translating the Poetry of Yves Bonnefoy," Panel and Workshop on Translation, Poetry Translation Conference, Centre College, Danville, Kentucky, April 2014.

"Writing and Drawing in Series: Yves Bonnefy's Snow and Summer Nights and Farhad Ostovani's Horizons and Irises," Signature du Livre *Farhad Ostovani*, Musée Jenisch, Vevey, Switzerland, March 2014.

"Persons and Personages in Leibniz's Political Philosphy," Conference in honor of Martine de Gaudemar, Paris Nanterre, November 2013.

"Great Circles: The Analysis of a Concept in Mathematics and Poetry," Workshop on Creative Writing in Mathematics and Science, Banff International Research Station for Mathematical Innovation and Discovery, Banff, Canada, November 2013.

"Reducibility and Meaning: Logic and Number Theory," Midwest Philosophy of Mathematics Workshop 2013, Champaign – Urbana, Illinois, October 2013.

"Ampliative Reasoning: Explanation in Number Theory," Conference on Mathematical Values, Mathematical Cultures Project, London, September 2013.

"The Uses of Spondaic Rhythms in the Poetry of Yeats and Pound," Critical Seminar on "Understanding the Expressive Purposes of Rhythm: Meters, Measures, Free Verse," West Chester University Poetry Conference, June 2013.
"Personages and the Claim of the Heart in Dostoevsky's *The Brothers Karamazov*," Conference on *La Voix des Personnages* by Martine de Gaudemar, La Sorbonne and University of Paris Nanterre, May 2013.

"Response to Alexis de Saint-Ours," Workshop on Cosmology and Time, Penn State, April 2013.

"Hanford, Gainesville, Rome: The Landscapes of Debora Greger," Aiken Taylor Award Lecture, *Sewanee Review*, University of the South, Sewanee, Tennessee, March 2013.

"Simone de Beauvoir and *The Second Sex*," Texas A&M University, College Station, Texas, March 2013.

"Problem Reduction in Algebraic and Analytic Number Theory," Mathematics and Philosophy (19th and 20th c.) Working Group, SPHERE, University of Paris Denis Diderot – Paris, December 2012.

"Golden Slippers: Space, Time and Poetic Form in the Poetry of Eleanor Wilner and W. S. Di Piero," Third Annual Symposium on Poetry Criticism, Writing the Rockies, Western State College, Gunnison, Colorado, July 2012.

Comments on Julian Barbour, Leibniz and Newton: "The Development of Machian Themes in the Twentieth Century," "The Nature of Time," "Relational Concepts of Space and Time," Ex Nihilo? Conference on Julian Barbour, Philosophy and Physics Workshop, University of Paris Denis Diderot – Paris 7, June 2012.

"Philosophy of Mathematics and Philosophy of History: Wiles' Proof of Fermat's Last Theorem," Distinguished Visitor Program, Haverford College, February 2012.

"Fermat's Last Theorem and the Logicians," Weeklong workshop on Explicit versus Tacit Knowledge in Mathematics, Mathematisches Forschungsinstitut Oberwolfach, Germany, January 2012. I presented a revised version of the paper to the STS Seminar, University College London, January 2012.

"Fermat's Last Theorem and the Number Theorists," Institut Poincaré, Paris, January 2012.

"Leibniz, Des Bosses, Newton and the Analysis of Time as a Metaphysical Problem," Seminar on Leibniz and Des Bosses, École Normale Supérieure rue d'Ulm, Paris, December 2011.

"Claudine Tiercelin on Peirce: Pragmatic Epistemology," Seminar on Mathematical Practice, REHSEIS / SPHERE, University of Paris Denis Diderot – Paris 7, November 2011.

"Leibniz's Metaphysics of Time and his Practice as Historian and Physicist," panel discussion with Jean-Pascal Anfray, Ursula Goldenbaum, and myself (organizer), IX Internationaler Leibniz-Kongress, Hannover, Germany, September 2011.

"Reference and Analysis in the Study of Time," panel discussion on Historical Epistemology, with Karine Chemla and Koen Vermeir (REHSEIS-SPHERE), 14th Congress of Logic, Methodology and Philosophy of Science, Nancy, France, July 2011.

"Leibniz, Locke, and Cassirer: Abstraction and Analysis," Conference on Analysis as a Mathematical Method: Leibniz and Precursors," Leibniz Endowed Professorship (Wenchao Li), Leibniz Universität Hannover, Germany, May 2011.

"Reference and Analysis: The Representation of Time by Galileo and Newton," Institute for Gravitation and the Cosmos, Pennsylvania State University, October 2010.

"Logic, Mathematics, and Heterogeneity," Conference on Logic and Knowledge, University of Rome La Sapienza, June 2010.

"Goethe and Schelling," with Lore Huehn, Department of Philosophy, Freiburg University, June 2010.

A twelve hour lecture series, in French, on "Forme symbolique et parole efficace: Beauvoir et Colette, Rilke, Yves Bonnefoy, Anne Stevenson," University of Paris Nanterre – Paris 10, May 2010.

"The Reception of *The Second Sex* in the United States," Colloquium on *The Second Sex*, Ecole des Hautes Etudes en Sciences Sociales, Paris, May 2010.

"The Representation of Time in Galileo, Newton, and Leibniz: Reference and Analysis," A. O. Lovejoy Lecture, University of Pennsylvania, April 2010.

"The Modern Essay, Robert Louis Stevenson, and the *Hudson Review*," Symposium "In Praise of the Essay: Practice and Form," English Department, Fordham University, and Welcome Table Press, April 2010.

"The Representation of Time: Galileo, Descartes, Newton, Leibniz," Workshop on Intersections between Mathematics and Philosophy in the Thought of Leibniz," Ideals of Proof Interdisciplinary Project (Michael Detlefsen and David Rabouin), Department of History and Philosophy of Science, University of Paris Diderot – Paris 7 / REHSEIS / Collège de France / University of Nancy, March 2010.

"The Representation of Time in 19th and 20th c. Mechanics," Seminar on Modes, Levels, and Orders of Description in the Physical Sciences, REHSEIS / University of Paris Diderot – Paris 7 / CNRS, March 2010.

"Abstract and Concrete: The Importance of Method in Ecological Genetics," Conference on Historical Epistemology, University of Leuven, December 2009.

"The Representation of Time: Awareness, Mathematics, and the Puzzle of Asymmetry," Department of History of Science, Medicine and Technology, University of Wisconsin / Madison, October 2009; and Philosophy Department, University of Minnesota, October 2009.

Workshop on the philosophy of biology (with Ruth Shaw, Department of Ecology, Evolution, and Behavior), Philosophy Department, University of Minnesota, October 2009.

"Abstraction vs. Generality: Cassirer's *Substanz und Funktion*," REHSEIS / University of Paris Diderot – Paris 7, March 2009.

"Teaching the Complex Numbers: What History and Philosophy of Mathematics Suggest," University of Paris Diderot – Paris 7, March 2009.

"Combining Abstract and Concrete Representations in Mathematics: A Case Study in Textbook Exposition," 2008 Joint Meeting of the Association for Symbolic Logic and the American Philosophical Association, Philadelphia, December 2008.

"Why Does Philosophy of Mathematics Need History?" Midwest Philosophy of Mathematics Workshop 9, Notre Dame University, South Bend, November 2008.

"Plato, Leibniz, Analysis, and History," Philosophy Department, De Paul University, Chicago, October 2008.

Joint Book Session with Evelyn Fox Keller on her *Making Sense of Life: Explaining Biological Development with Models, Metaphors, and Machines* and my *Representation and Productive Ambiguity in Mathematics and the Sciences*, Philosophy Department, Pennsylvania State University, September 2008.

"Leibnizian Analysis: The Search for Conditions of Intelligibility," Department of Philosophy, University of Freiburg, Germany, June 2008.

"Simone de Beauvoir and Practical Deliberation," Conference on The Legacies of Simone de Beauvoir, Northumbria University, Newcastle, U.K., June 2008.

"Philosophy and the Arts," Philosophy Alumni Conference, Yale University, April 2008.

"Mathematical Representation," Center for Philosophy of Science, University of Pittsburgh, April 2008.

"Leibnizian Analysis," REHSEIS / University of Paris Denis Diderot / CNRS, November 2007.

"Reflections on Voice and Character: Marlowe's *Doctor Faustus* and Shakespeare's *Othello*," Conference 'Autour de Stanley Cavell,' University of Paris X (Nanterre), November 2007.

"Women, Poetry and *The Hudson Review*," Conference on *The Hudson Review*, Princeton University, November 2007.

"The Problem of Character in Shakespeare's *Tempest* and *The Winter's Tale*," University of Paris X (Nanterre), May 2007.

"Translating Yves Bonnefoy," *Hudson Review* Symposium on Translation, New York, April 2007.

"Literary Form and Periodicity," Panel on "Mirror Neurons, Mathematics, Metaphor and Mind: Where Science and Poetic Craft Meet," AWP 2007 Conference, Atlanta, February 2007.

"Leibniz on Ambiguity in Mathematical Notation: Universal Method and the Study of Curves," VII. Internationaler Leibniz-Kongress, Hannover, Germany, July 2006.

"The Poetry of Julia Randall," Conference on "Exploring Form and Narrative," West Chester University, June 2006.

"Leibniz's Calculus: Ambiguous Notation and Metaphysics," Metaphysical and Mathematical Discussion of the Status of Infinitesimals in Leibniz's Time, Emory University, March 2006.

"The Method of Analysis in Descartes' *Geometry*: Combining the Geometrical, Mechanical and Cossist Traditions", Helsinki Collegium for Advanced Studies, University of Helsinki, January 2006.

"Diagrams and Notation in Topology and Differential Geometry Textbooks," Séminaire, Histoire des Sciences, Histoire du Texte, REHSEIS / University of Paris 7 / CNRS, May 2005; University of Rome "La Sapienza," June 2005.

"Leibniz, Locke and Hume on Experience: The Lessons of Mathematics and the Law," Conference on "Leibniz: What Kind of Rationalist?," Hebrew University / Tel Aviv University, May 2005.

"Symbolic Icons and Iconic Symbols in Descartes' Classification of Curves," Séminaire, Histoire et Epistémologie des Mathématiques, REHSEIS / University of Paris 7 / CNRS, April 2005.

"How Icons Help Bridge the Gap between the Infinite and the Finite," Séminaire, Histoire et Epistémologie des Mathématiques, REHSEIS / University of Paris 7 / CNRS, March 2005.

"Topology in the Era of Jean Cavaillès," Séminaire, Les Années Cavaillès, Ecole Normale Supérieure / Centre Cavaillès / Maison des Sciences de l'Homme, Paris, January 2005.

"Leibniz's Mathematical Invention 1674-1684: Combining the Abstract and the Concrete in Mathematics," Séminaire, Recherches sur la Généralité, Philosophie des sciences et problèmes méthodologiques, REHSEIS / University of Paris 7 / CNRS, January 2005.

"Les emplois de l'ambiguité: Descartes' *Géométrie*", REHSEIS / University of Paris 7 / CNRS, Dec. 2004.

"Locke and Leibniz on the Adjustment of Judgment," Conference on "Locke and Leibniz," Nanterre, October 2004.

"The Uses of Controlled Ambiguity in Mathematics: Galileo's *Discorsi*" Conference on "Mathematical Reasoning, Heuristics and the Development of Mathematics," University of Rome "La Sapienza," September, 2004.

"The Legacy of Simone de Beauvoir," Colorado College, October 2003; roundtable discussion with Catharine Stimpson, Carol Gilligan, Nancy Bauer, and myself, Maison Française, NYU, April 2004; roundtable discussion with Claude Imbert, Nancy Bauer, Anne Stevenson, Catherine Wilson, Susan James, and myself, Institut Français, London, October 2004.

"Poetry, Mathematics, and Science," Workshop on Mathematics and Creative Writing, Banff International Research Station, Banff, September 2003; April 2004.

"Claire Katz's *Levinas, Judaism, and the Feminine*," Philosophy Colloquium Series, Pennsylvania State University, March 2004.

"The Combination of "Paper Tools" in Scientific Reduction: Leibniz's Mathematical Invention: 1674 – 1684," Conference on The Young Leibniz, Rice University, April 2003. Available on CD ROM.

"The Souls of Black Folk," with James Stewart, Gettysburg College, April 2003.
"Poetry and Science," with Robert Morgan and James Applewhite, Duke University, March 2003.

"Fractals, Bach, and Poetry," with Benoit Mandelbrot and Rosalyn Tureck, Entertaining Science at the Cornelia Street Café, New York, September 2002.

"Reduction and Representation in Mathematics and Chemistry: A Comparison," Conference on The Cognitive Foundations of Mathematics, Rome, September 2002.

"New Uses for Jules Vuillemin's *Philosophie de l'algèbre*: Reduction, Representation and 'Paper Tools' in the 17th Century," Colloque en hommage à Jules Vuillemin, Paris, June 2002.

"Philosophy and Scientific Development," with Richard Burian. Moravian College, March 2002.

"The House We Never Leave: Childhood, Shelter, and Freedom in the Writings of Beauvoir and Colette," Blanchard Means Lecture, Trinity College (Hartford), February 2002.

"Leibnizian Analysis, Mathematics, and Nature: The Search for Conditions of Intelligibility," *Nihil Sine Ratione*, VI. Internationaler Leibniz-Kongress, Berlin, September 2001.

"Expression and Theomorphism in Leibniz's *Discourse on Metaphysics*," The Midwest Seminar in the History of Early Modern Philosophy, May 2001, The University of Chicago.

"Kant's Doctine of Space and the Mathematical Investigation of Figure," Conference on Kant and the Primacy of Practical Reason, The Pennsylvania State University, March 2001.

"Dedekind and the Arithmetization of Analysis," Midwest Philosophy of Mathematics Workshop, Carnegie Mellon, December 2000.

"Descartes and Leibniz on Method," NEH Summer Institute on Descartes (Roger Ariew and Daniel Garber, Directors), Virginia Polytechnic Institute and State University, July 2000.

"The Poetry of Anne Stevenson," and "The New York Poems in Frederick Morgan's *Poems for Paula,*" Conference on Exploring Form and Narrative, West Chester University, June 2000.

"Barbara McClintock and Nina Fedoroff: A Case Study in Scientific Translation and Theory Reduction," Workshop on Types of Paper Tools and Traditions of Representation in the History of Chemistry, Max Planck Insitute for the History of Science, Berlin, December 1999; Fourth In-House Workshop, Center for Philosophy of Science, U. of Pittsburgh, October 2001; Department of Philosophy, University of Oklahoma, October 1999.

"Intelligibilité, analyse et histoire: repenser la philosophie des mathématiques," three lectures on the concept of number, Ecole Normale Supérieure, Paris, June 1999.

"Euclid, Leibniz, Dedekind, and Parsons on Number," presented at the conference "Modern Mathematical Thought: Historical and Philosophical Approaches," Philosophy of Science Center, University of Pittsburgh, May 1998.

"How Symbolic and Iconic Languages Bridge the Two Worlds of the Chemist: A Case Study from Contemporary Bioorganic Chemistry," presented with Roald Hoffmann, Stendhal Univeristy, Grenoble, March 1998.

"The Use of Symbolic and Iconic Languages in Mathematics: Euclid, Descartes, and Newton," Department of History and Philosophy of Science, University of Cambridge, January 1998; Department of Mathematics, Open University, February 1998.

"Leibniz, Newton, Parsons, and the Riddle of Applied Mathematics," Hebrew University, December 1997.

"Leibnizian Analysis: Monadology and Mathematics," University of Glasgow, November 1997 and University of Dundee, November 1997.

"Leibniz, Reason, and Number," King's College, London, October 1997.

"Leibniz on Mathematics and Metaphysics," Leibniz Gesellschaft, Hannover, Germany, Auguest 1997.

"Analogy in the Mathematical Thought of Leibniz," Conference on "L'Actualité de Leibniz," Cérisy, France, June 1995; 5th Annual Workshop on the History of Mathematics, Goettingen, July 1995.

"The Partial Integration of Domains, Hybrids, and the Growth of Mathematical Knowledge," Conference on the Growth of Mathematical Knowledge, Pennsylvania State University, April 1995.

"The *Valsaintes* Poems of Yves Bonnefoy," Conference entitled "Autour d'Yves Bonnefoy," CUNY Graduate School and University Center, March 1995.

Poetry Readings (1985-2018)

Carmine Street Metrics Series, March 2020; Mary E. Rollings Reading Series, Penn State, January 2020; Suffolk University, September 2019; New England Mobile Book Fair (with J. Schreiber), September 2019; Bridges 2019, Linz, July 2018; Powwow River Poets Reading Series (with J. Schreiber), May 2019; Pennsylvania Center for the Book (with S. Blake, K. Forsythe and C. Garison), April 2019; Poets House New York City, March 2019; Bowers Writers House, Elizabethtown College, March 2019; Bridges 2018, Stockholm, July 2018; Writing the Rockies, Gunnison Co., July 2018, 2017, 2016, 2015 and July 2012; West Chester Poetry Conference, June 2018, 2017, 2016, 2014, 2013; University of Texas / Dallas, February 2018; Case Western University, October 2017; Bridges 2017, Waterloo, Ontario; Kurumed Shuppan, Tokyo, with Atsuko Hayakawa, Kaori Muraji and Koko Tanikawa, December 2015; Bridges 2015, Baltimore, July 2015; Webster's Book Store (State College, Pa.), May 2015; Centre College, Danville, Kentucky, March 2014; Banff International Research Station, Banff, Canada, November 2013; Bridges 2013, Enschede, The Netherlands, July 2013; Stadler Poetry Center, Bucknell University, October 2012; Bridges 2012, Baltimore, July 2012; Bridges 2011, Coimbra, Portugal, July 2011; Buffalo Seminary, March 2011; Schreyer Honors College, Penn State, March 2011; Palmer Museum of Art, April 2010; University of Wisconsin,

October 2009; Mathematical Association of America / American Mathematical Society, Washington D. C., Jan. 2009; Juilliard School, May 2007; Burchfield-Penny Center (Buffalo), March 2006; Williamsville High School, (Williamsville, NY), March 2006; Manayunk Art Center, Pennsylvania, May 2005; Stadler Center for Poetry, Bucknell University, April 2004; Colorado College, October 2003; The Young Women's Leadership School, New York, May 2003; National Humanities Center, March 2003; University of North Carolina, March 2003; Cornelia Street Café, Entertaining Science Series, New York, September 2002; The Pennsylvania State University, April 2002; Nicholas Roerich Museum Poetry Series, New York, January 2002; Gallows Hill Bookstore, Trinity College, Connecticut, January 2002; Manayunk Art Center, Pennsylvania, April 2001; University of Oklahoma, October 1999; Olean Public Library Series, October 1999; National Humanities Center, Twentieth Anniversary Celebration, March 1999; National Humanities Center, March 1999; National Arts Club, NYC, October 1998; Hudson Review Fiftieth Anniversary Celebration, NYC, May 1998; Kimbolton Castle (UK), January 1998; Curtis Insitute of Music, March 1997; Mount Holyoke College, April 1996; Borders Book Store, Philadelphia, March 1995; Curtis Institute of Music, March 1995; International Writers Center, Washington University, November 1994; Amherst College, November 1994; Duke University, April 1994; Guilford College, April 1994; North Carolina Wesleyan University, April 1994; East Carolina University, April 1994; Poetry Society of Virginia, October 1993; Adelphi University, October 1993; Nicholas Roerich Museum Poetry Series, NYC, November 1992; Chapters Book Store, Washington D. C., September 1992; Catskills Poetry Workshop, July 1992; International Poetry Forum, Pittsburgh, October 1991; Lycoming College, February 1991; Johns Hopkins University, November 1990; Burchfield Center (Buffalo), April 1990; The Poetry Center of the 92nd St. Y, New York, March 1990; Just Buffalo Literary Center, April 1989; Moonstone Poetry Series (Philadelphia), March 1989; Chapters Bookstore, March 1989; Valparaiso University, April 1987; University of Michigan, November 1986; Cumberland Poetry Review (Nashville), April 1986; Dartmouth College, December 1985; SUNY at Stony Brook, December 1985.

Media

Interview about *Childhood* from Accents Publishing
https://www.accents-publishing.com/blog/

Announcement of Mary E. Rolling poetry reading
https://news.psu.edu/story/604066/2020/01/14/literary-arts/mary-e-rolling-reading-series-feature-penn-state-edwin-erle

Concert at the Villa Marcello Lorendan Franchin, Italy, with Mirco De Stefani (composer), Christine Nadel (soprano) and Igor Cognolato (pianist)
https://www.dropbox.com/s/v18wu145o70zrwc/Concerto.mp4?dl=0

"Here and There," in American Life in Poetry from Ted Kooser and the Poetry Foundation
https://www.americanlifeinpoetry.org/columns/detail/710

"Letters from a Gardener," from SageGreenJournal.org
http://www.sagegreenjournal.org/now.html

"Siesta," in LaMajaDesnuda.com from Nidia Hernández
http://www.lamajadesnuda.com/96-la-maja-desnuda/poesia-en-la-voz-de-la-mujer/1393-emily-grosholz.html

"Ithaka" in LaMajaDesnuda from Nidia Hernández
https://www.youtube.com/watch?v=zptVSRfKM_U

"Poetry and Mathematics,"from LaMajaDesnuda from Nidia Hernández
https://www.youtube.com/watch?v=FeUEISRp-HE

Announcement of the Fernando Gil Prize in Philosophy of Science in Penn State News
https://news.psu.edu/story/501195/2018/01/17/academics/emily-grosholz-awarded-fernando-gil-international-prize-philosophy

"The Stars of Earth," in Every Day Poems
http://us2.forward-to-friend.com/forward/show?u=9e5e4dd4731a9649c1dd1cf58&id=f37b335f62

"Childhood," eight songs composed by Mirco De Stefani and performed by Christine Nadel (soprano) and Igor Cognolato (pianist) on their CD *Childhood*, on YouTube
https://www.youtube.com/watch?v=4gaeXL-h9Fw&list=PLGSgQisqCDb2HR3b1mpgXu8M9HV4UkIyh

"First Piano Lesson," performed by Koko Tanikawa was the title song on her CD *First Piano Lesson*, on YouTube
https://www.youtube.com/watch?v=GhOZ2ZHNQtI

Article (in Japanese) on *Childhood* in *Asahi Shimbun*, by Yukiko Sazanimi, February 2, 2016.

"In Praise of Physics Poems," FQXi podcast and blog by Zeeya Merali:
http://fqxi.org/community/podcast/2015.05.25
http://fqxi.org/community/forum/topic/2570

"In Praise of Fractals and Poetry," Roots of Unity, Scientific American Blog post by Evelyn Lamb, April 20, 2015, on my book *Proportions of the Heart: Poems that Play with Mathematics*.
http://blogs.scientificamerican.com/roots-of-unity/2015/04/20/in-praise-of-fractals-and-poetry/

"Interview with Emily Grosholz," Accents Publishing, with Katerina Stoykova-Klemer, Fall 2014.
http://accents-publishing.com/blog/2014/12/05/an-interview-with-emily-r-grosholz/

"Emily Grosholz's New Book *Childhood*," *Sewanee Review* News
http://review.sewanee.edu/news/new-books/title/emily-grosholzs-luminous-and-loving-poems

"One of the Best – and a Woman" (poems on Emmy Noether and Cantor), February 25, 2013, at
http://poetrywithmathematics.blogspot.com/

"Author Profile: Emily Grosholz on Translation," Bucknell University Press, September 29, 2012, at
http://upress.blogs.bucknell.edu/2012/09/27/author-profile-grosholz/

"Professor Brews Conversation over Tea with Students," Schreyer Honors College, October 2012, at
http://www.shc.psu.edu/news/news_item.cfm?id=206

"Biographical Note," in Levure Littéraire, at
http://levurelitteraire.com/0NUMERO6/PDF/GROSHOLZ/LL.pdf

"Emily Grosholz Chats Poetry, Philosophy, Pedagogy," *The Sewanee Review*, October 2010, at
http://www.sewanee.edu/sewanee_review/srnewspublisher?id=19046

"Emily Grosholz on Poetry, Mathematics, Philosophy," interview by Louis Mayeux, *Southern Bookman*, Dec. 2009,
http://louismayeux.typepad.com/southern_bookman/emily-grosholz-interview.html

"Trans-racial Adoption," a discussion with Beth Hall (PACT), Shirley Harris and Jerry Sawyer for *What Matters*, Public Television WPSU, State College, recorded November 2005.

"Women, Race, and Writing," discussion with myself, Vivian Chin, and Cindi Deutschman-Ruiz, Public Television and Radio WPSX, State College, recorded May 2003.

"American Poetry Now," interview with myself, Alice Quinn, Michael Schmidt, and Dana Gioia, by Richard Coles, *Nightwaves*, BBC Radio, recorded June 1998

"Du Bois on Race and Culture," interview with myself, James Stewart and Bernard Bell on our edited collection of essays by M. Svoboda, *Libri*, Public Radio (91.1 FM), State College, recorded February 1997.

"Interview with Emily Grosholz," program on my book of poetry *Eden*, interview by Wayne Pond, *Soundings*, National Public Radio, recorded April 1994. An article related to this interview was published in *Ideas*, National Humanities Center, Vol. 3, No. 1, Summer 1994, pp. 23-9.

"Langston Hughes and W. E. B. Du Bois," interview by Leonard Rubenstein, *Voyages through Literature*, Public Radio (91.1 FM), State College, recorded February 1994.

"Interview with Emily Grosholz," program on my book of poetry *Eden*, interview by Cathy Smith, *Contexts*, Public Radio (91.1 FM), State College, recorded May 1992.

"Contemporary American Poetry," with A. R. Ammons and Michael McFee, interview by Wayne Pond*, Soundings*, National Public Radio, recorded April 1986.

Work in Progress

Books

Traveling Light. A collection of essays, poems and travelogues inspired by my life as a traveler, which recount the places, friends and writers I encountered, and what I brought home with me. In preparation.

Where the Light Shines Through. A book of poems.

Here and There. A chapbook of poems.

Scientific Meaning, Big Data, Biological Systems and Politics. A philosophical account of issues in biology.