

CURRICULUM VITAE
Anthony Peressini, Ph.D.
Associate Professor
Department of Philosophy
Marquette University

Special Fields:

Philosophy of Mind/Consciousness/Psychology, Philosophy of Mathematics, Philosophy of Science

Degrees:

B.S. Montana State University. Mathematics, June 1986

M.A. University of Wisconsin-Madison, Mathematics, May 1988

M.A. University of Wisconsin-Madison, Philosophy, Dec. 1991

Ph.D. University of Wisconsin-Madison, Philosophy, May 1994

Academic Experience:

Teaching/Research Assistant, University of Wisconsin-Madison, 1986-1994

Assistant Professor, Marquette University, Sept. 1994- 2001

Associate Professor, Marquette University, 2001-present

Co-Director, Marquette University Honors Program, 2001-05

Director, Marquette University Honors Program, 2005-2012

Publications (articles)

“Generalizing Evolutionary Altruism,”

Philosophy of Science, vol. 60, (12/93), pp. 568-86, 1993.

“Development, Acceptance and Use Patterns of a Computer-Based Education and Social Support System for People Living With AIDS/HIV Infection,”

Computers in Human Behavior, vol 11, no. 2, 1995.

“Cumulative versus Noncumulative Ramified Types,”

Notre Dame Journal of Formal Logic, vol. 38:3 (Summer 1997), 385-397.

“Troubles with Indispensability: Applying Pure Mathematics in Physical Theory,”

Philosophia Mathematica (3), vol. 5, 210-227, 1997.

“Psychological Explanation and Behavior Broadly Conceived,”

Behavior and Philosophy, vol. 25:2 (Fall 1997), 137-159.

“Naturalism, Evolution, and Self-defeat,”

International Journal for Philosophy of Religion, vol. 44 (August 1998), 41-51.

“Applying Pure Mathematics,” *Philosophy of Science*, vol. 66 (proceedings), S1- S13, 1999.

“Confirming Mathematical Theories: An Ontologically Agnostic Stance,”

Synthese, vol. 118, 257-277, 1999.

“Critical Study of Mark Colyvan’s *The Indispensability of Mathematics*,”

Philosophia Mathematica, (3) vol. 11, pp. 208-223, 2003.

“Proof, Reliability, and Mathematical Knowledge,”
Theoria 69, 211-232, 2003.

“Philosophy of Mathematics and Mathematics Education: The Confluence of Mathematics and Mathematical Activity,”
Perspectives on Mathematical Practice, van Kerkhove *et al* (eds) (Dordrecht: Springer), 175-190, 2007, co-authored with Dominic Peressini, University of Colorado at Boulder.

“Confirmational Holism and Its Mathematical (w)Holes”
Studies in History and Philosophy of Science 39:1, 102-111, March 2008.

“Numerical Analysis and Its (Invisible?) Role in Mathematical Application,” *Philosophical Perspectives on Mathematical Practice* (London: College Pub.), Bart Van Kerkhove, Jonas De Vuyst, and Jean Paul Van Bendegem (eds.), 331-349, 2010.

“Orbital Decomposition for Ill-Behaved Event Sequences: Transients and Superordinate Structures,”
Nonlinear Dynamics, Psychology, and Life Sciences, 15:4, 465-76, October 2011. Co-authored with Stephen J. Guastello and Robert W. Bond, Jr

“Consciousness as Integrated Information: a Provisional Philosophical Critique” forthcoming in *Journal of Consciousness Studies* (2012a).

Publication (software)

Orbital Decomposition v1.2. ORBDE is an analysis based on symbolic dynamics that identifies recurring patterns of events in nominally coded data. Co-authored with Stephen J. Guastello, 2010. Available at Society for Chaos Theory in Psychology & Life Sciences (<http://www.societyforchaostheory.org/tutorials/#4>).

Presentations/Conferences

“The Pure/Applied Mathematics Distinction,” Marquette University Department of Mathematics, Statistics and Computer Science Colloquium Series, March 1996.

University of California-Irvine Conference on the Philosophy of Applied Mathematics, attended, March 1998.

“‘Naturalism Defeated’ Defeated,” Southern Society for Philosophy and Psychology Annual Meeting, (refereed), April 1998.

World Congress of Philosophy, Chaired two sessions on philosophy of mathematics, August 1998.

“Applying Pure Mathematics,” Philosophy of Science Association Biennial Meeting, October 1998.

Invited Colloquium Speaker, University of Wisconsin-Milwaukee, Department of Philosophy, “Confirmational Holism and Its Mathematical (w) Holes,” 2000.

Speaker, Marquette University Philosophy Honors Speaker Series, “Altruism: Evolutionary and

Psychological,” 2001.

“Philosophy of Mathematics and Mathematics Education: The Confluence of Mathematics and Mathematical Activity,” at *Perspectives on Mathematical Practices*, International Conference on the Philosophy of Mathematics, Brussels University. Coauthored with Dominic Peressini, October, 2002.

“Branching Out: Moving from Contemplative Practice Courses to a Curricular Requirement,” with Heather Hathaway at Contemplative Curriculum Development Summer Workshop, Smith College, August 2006

“How True Must Our Thoughts Be?” presented at Marquette University, Department of Philosophy Colloquium Series, 2006.

“Comments on *Four Cultures of the West* by J. O’Malley” presented at Marquette University College of Arts & Sciences *Conversations on Learning*, January 2007.

“Invisible Mathematics: Numerical Analysis and its Role in Mathematical Application,” presented at Perspectives on Mathematical Practice Conference, Brussels, March 2007.

“Naturalizing Phenomenology: Lessons from Physics,” presented at *Toward a Science of Consciousness 2008*, Tucson, Arizona, April 2008.

Discussant, Pitt-Paris II Conference Workshop: Emergence and Reduction in the Sciences, Center for Philosophy of Science, University of Pittsburgh, December 2009.

“Neurodynamics and Conscious Intentional Action,” presented at *Toward a Science of Consciousness 2010*, Tucson, Arizona, April 2010.

“Dis—Integrating Intuitions About Qualia and Consciousness,” presented at MERG Experimental Philosophy Conference, CUNY/NYU, March 2011.

Teaching

Dissertations Directed

Kristin Schaupp, “Conceiving mind: A critique of Descartes' dualism and contemporary immaterialist views of consciousness” (2004),

Matt Pierlott, “The principle of alternate possibilities: Finding freedom after Frankfurt” (2006)

Earl Cookson “Panpsychism Revisited” (current)

Graduate Courses Taught

Phil 259: Philosophy of Science

Phil 260: Philosophy of Mind

Phil 280: Problems in Metaphysics: “Philosophy of Evolutionary Biology”

Phil 280: Problems in Metaphysics: “Philosophy and Cognitive Science”

Phil 301: Seminar: “Topics in the Philosophy of Mathematics”

Undergraduate Courses Taught

Phil 001: Logic

Phil 050: Philosophy of Human Nature
 Phil 102: Metaphysics
 Phil 104: Theory of Ethics
 Phil 142: Philosophy of Knowledge
 Phil 130: Philosophy of Natural Science
 Phil 185: Twentieth Century Anglo-American Philosophy
 Phil 190: Special Questions in Philosophy: "Origins of the Universe"
 Phil 190: Special Questions in Philosophy: "Philosophy of Mathematics"
 Phil 190: Special Questions in Philosophy: "Meaning and Identity: A Literary and Philosophical Inquiry"
 Phil 190: Special Questions in Philosophy: "Philosophy of Mind"
 Phil 195: "Metaphysics of Love"
 Phil 196: Undergraduate Seminar: "Philosophy of Evolutionary Biology"
 Phil 196: Undergraduate Seminar: "Origins of the Universe"
 Phil 196: Undergraduate Seminar: "Philosophy of Mind and Cognition"
 Phil 4953: Undergraduate Seminar: Research Methods in Philosophy
 Phil 4931: "Consciousness, Causation and Emergence"
 Arsc 007: Introduction to Inquiry
 Hopr 010: Honors First Year Seminar: "Job and Justice"
 Hopr 010: Honors First Year Seminar: "Evolution and the Human Person"
 Hopr 010: Honors First Year Seminar: "Philosophy and Science Fiction"
 Hopr 020: Honors Sophomore Year Seminar: "Contemplating Mind and Soul"
 Hopr 020: Honors Sophomore Year Seminar: "Merton, Mindfulness, and Mysticism"
 Hopr 020: Honors Sophomore Year Seminar: "Exploring Spirituality and Mindfulness at the Margins"
 Hopr 020: Honors Sophomore Year Seminar: "Privilege and Practice"
 Hopr 135: Honors Research Seminar
 Hopr 140: Senior Honors Seminar: "Authority and Authorship"

Honors, Awards, Grants

- Honorable Mention, Phi Kappa Phi Honor Society Graduate Fellowship Competition, Montana State University, 1986.
- Graduated from the University Honors Program (integrated liberal arts program), Montana State University, 1986.
- Semifinalist in Rhodes Scholarship Competition, 1986.
- Graduated with Highest Honors, 1986.
- Awarded Philosophy Department Teaching Fellowship, University of Wisconsin-Madison, 1989-1993.
- Winner of Oliver Essay Contest, Philosophy Department, University of Wisconsin-Madison, 1992.
- Graduate School Dissertator Fellowship, University of Wisconsin-Madison, 1993.
- Awarded Mellon Grant for "Origins of the Universe" team taught interdisciplinary (Physics, History, Philosophy, Theology) course offer Spring, 1998. Co-authored with John Karkheck, Jamie Schaefer, and Ron Zupko. 1997.
- Summer Faculty Fellowship (Marquette University), 1998.
- American Council of Learned Societies (ACLS) grant to develop an interdisciplinary course on philosophy and literature (co-authored with Heather Hathaway in English Department.), 1999.
- ACLS Contemplative Program Development Fellowship Grant, co-authored with Heather Hathaway and Michael Vater, 2006.