

Personal Data

Date of birth: 17 February 1962
Place of birth: Cairo, Egypt
Citizenship: United States (immigrated 1971, naturalized 1980)
Languages: native in Arabic and English, some French and Russian, reading proficient in classical languages (Latin, Greek and Hebrew)

Areas of Specialization:

Philosophy of science, with subspecialties in:
Philosophy of physics, esp. history and phil of classical and quantum mechanics
Philosophy of social science
Philosophy of economics, esp. issues around risk
Metaphysics, esp. causation, ontology and emergence
Decision and game theory, with applications to regulation and political philosophy
Philosophy of action, self and motivation; freedom
Existentialism and phenomenology
Logical paradox

Areas of Competence:

Ethics
Feminist philosophy, especially existential feminism
Philosophy of mind and cognition
Pragmatism and theories of truth
Philosophy of biology
Foundations of engineering science
Philosophy of logic

ACADEMIC APPOINTMENTS:

2004–Present Professor of Philosophy, University of Utah
2001–2004 Associate Professor of Philosophy, University of Utah
1999–2001 Associate Professor of Philosophy, member of Center for Cognitive Science, and member of Baldy Center for Law and Social Policy, State University of New York at Buffalo
1993–99 Assistant Professor of Philosophy, member of Center for Cognitive Science, and member of Baldy Center for Law and Social Policy, State University of New York at Buffalo

SECONDARY ACADEMIC APPOINTMENTS:

2014 Visiting Professor, University of Helsinki
2010 Professorial Fellow, Institute of Philosophy, University of London
2007 Visiting Professorial Fellowship, University of Sydney Center for Foundations of Science
2004 Helen Riaboff Whiteley Scholar, University of Washington
1999 Visiting Professorial Fellow, Social & Political Theory Group, Institute of Advanced Studies, Australian National University, Canberra, Australia

EDUCATION:

- Dissertation* Quantum Measurement and Macroscopic Quantities. completed under the direction of
PhD 1993 Arthur Fine, Michael Friedman, Paul Teller and Mark Wilson
1988-1993 University of Wisconsin, Madison, Visiting scholar
1992-1993 University of Illinois, Chicago, University Fellowship and Dean's Scholar
1986-1988 University of Rochester, MA in Philosophy, Sproull Fellow
1984-1986 Fuller Theological Seminary, MA in Semitics
1982-1984 Pomona College, BA *cum laude* in Physics
1980-1982 Harvey Mudd College, Platt Prize Winner 1981
1977-1980 South High School, Denver CO, Valedictorian

SELECTED FELLOWSHIPS, PRIZES AND GRANTS:

- 2000-2001* NEH Fellowship for University Teachers
2009-2010 National Science Foundation grant, as PI. SES-0957108: Precaution, Self-Regulation and Public Policy. \$259,000
2012 Royal Institute of Philosophy Essay Prize 2012 (inaugural) for: Truth deserves to be believed. *Philosophy* 88: 344 (2013)
2013 Royal Institute of Philosophy Essay Prize 2013 for: The Grammar of Experience. *Philosophy*, 89:2 (2014) 223 - 250
2001 Kavka Prize, for Degrees of Freedom in the Social World (*Journal of Political Philosophy*, 7, 1999, 453-77), American Philosophical Association
2013-2015 University of Sydney Center for Time grant, Towards a formal decision theory with a future. \$10,000
2011 Faculty Fellowship, University of Utah
2003 Tanner Humanities Center Fellowship, for Foundations of Collective Decision
2003 Faculty Fellowship, University of Utah
2008-2009 Honors Professorship, University of Utah, to teach *Science and politics: Tracking the impact of social agendas on the sciences of nutrition, climate and education*
2009-2010 Dee Foundation Grant, to support multi-disciplinary teaching of Philosophy of Human Nature. \$10,000
1998 NEH Summer Institute participation grant, The Idea of a Social Science: 40 Years Later. University of Missouri-St. Louis
2015 University of Utah Research Council Scholarly grant, \$5875
2013 University of Utah Research Council Scholarly grant, \$6000
2012 University of Utah Research Council Scholarly grant, \$5700

SELECTED GRADUATE SEMINARS:

- Confirmation, Explanation and Reduction, Spring 1994, Fall 2001.2011.
Explanation in Classical and Quantum Physics, Spring 1995.
Rationality and Epistemology, Spring 1996.
Explaining Collective Action, Spring 1997.

Public Goods and Free Riders, Spring 1997, with Nancy Staudt of SUNY Buffalo Law School.
Causation and Explanation, Spring 1998.
Decision and the Social Sciences, Spring 2001, Spring 2009, Spring 2011.
Human Nature and the Sciences of Human Behavior, Fall 2002.
Foundations of Decision, Fall 2004.
The Natural History of Agency, Spring 2006.
Challenges of the Quantum, Fall 2006.
Philosophy of Physics. Spring 2007.
Risk and Resources, Spring 2008.
Reduction and emergence, Fall 2012.
Practical Reason. 2015.

UNDERGRADUATE COURSES/UNITS TAUGHT REGULARLY:

Introduction to Philosophy
Introduction to the Philosophy of Science
Philosophy of Natural Science
Philosophy of Human Nature
Philosophy of Social Science
Foundations of Probability and Statistics
Philosophy of Cognitive Science
Science and Society
Philosophy through Paradox
Philosophy of Physics
Science and politics
Existentialism
Philosophy of the marketplace (philosophical issues for business students)
Senior Seminar

PUBLICATIONS

Monographs

- 2013* *Without Hierarchy: The Scale Freedom of the Universe*, Oxford University Press
2016 *A Social Theory of Freedom*, Routledge
In Progress *Philosophical Foundations for a Normative Theory of Social Decision-making*
In Progress *Reasoning. A comprehensive story*

Editorships:

- 2001* Advisory Editor, with Henry Kyburg, Jr., of *Monist* 84 (1) : Probability as a Guide to Life
2003 *Probability is the Very Guide of Life: The Philosophical Uses of Chance*, with Henry Kyburg, Jr., Open Court
2008 Advisory Editor of *Monist* 91(1): Privacy

Articles in Refereed Journals

- 1990 (with Henry Kyburg, Jr. & Fahim Bacchus) Against conditionalization. *Synthese* 85 (1990) 475–506
- 1994 The need for classical epistemological foundations: Against a feminist alternative. *Monist* 77 (1994) 531–553
- 1997 Conflict and coordination in the aftermath of oracular statements. *Philosophical Quarterly* 47 (1997) 212–226
- 1997 Self-interest, autonomy and the presuppositions of decision theory. *American Philosophical Quarterly* 34 (1997) 287–297
- 1998 A modest proposal for interpreting structural explanation. *British Journal for the Philosophy of Science* 49 (1998) 279–295
- 1998 The trouble with superselection accounts of measurement. *Philosophy of Science* 65 (1998) 518–544
- 1998 The economy of belief, or, Explaining cooperation among the prudent. *American Philosophical Quarterly* 35 (1998) 349–64
- 1999 Knowledge in an age of individual economy: A prolegomenon to epistemology. *Journal of Philosophical Research* 24 (1999) 169–191
- 1999 Degrees of freedom: An essay on competitions between micro and macro in mechanics. *Philosophy and Phenomenological Research* 59 (1999) 1–39
- 1999 In favor of being only Humean. *Philosophical Studies* 93 (1999) 265–98
- 1999 Two dogmas of naturalized epistemology. *Dialectica* 53 (1999) 111–138
- 1999 Why we believe. *Journal for General Philosophy of Science* 30 (1999) 317–339
- 1999 Units of decision. *Philosophy of Science* 66 (1999) S324–S338
- 1999 Degrees of freedom in the social world. *Journal of Political Philosophy* 7 (1999) 453–77
- 2002 Explanation is a genus: On the varieties of scientific explanation. *Synthese* 130 (2002) 317–354
- 2002 The reduction of causal processes. *Synthese* 131 (2002) 99–128
- 2003 Searle’s foole: How a constructionist account of society cannot substitute for a causal one. *American Journal of Economics and Sociology* 62 (2003) 105–122. This special issue on John Searle’s *Construction of Social Reality* appeared simultaneously in book form.
- 2003 From human nature to moral philosophy. *Canadian Journal of Philosophy* 28 (2003) 85–128
- 2005 From paradox to judgment: An essay on the metaphysics of expression. *Australasian Journal of Logic* 3 (2005) 76–107
- 2006 Nonreductive physics. *Synthese* 149 (2006) 133–178
- 2007 (w/Chrisoula Andreou) Sense and sensibility. *American Philosophical Quarterly* 44 (2007) 71–80
- 2008 Two conceptions of collectivity. *Journal of the Philosophy of History* 2 (2008) 83–104
- 2008 On planning: Towards a natural history of the will. *Philosophical Papers* 37 (2008) 289–317
- 2008 Molecule–for–molecule duplication. *Teorema* (special issue on phenomenal consciousness and naturalism) 28:3 (2008) 103–114
- 2009 (w/Chrisoula Andreou) Of human bonding. *Public Reason* 1 (2009) 46–73

- 2009 Systems. *Monist* (issue on Philosophy of Engineering) 92 (2009) 452–78
- 2009 There is no core to precaution. *Review Journal of Political Philosophy* 7 (2009) 41–49
- 2009 Imitative reasoning. *Social Epistemology* 23 (2009) 381–405
- 2011 Two conceptions of fundamentality. *Philosophy of the Social Sciences*, 41 151–177
- 2012 Solidarity: A motivational conception. *Philosophical Papers* 41 (2012) 57–95
- 2013 The lens of chemistry. *Science & Education* 22 (2013) 1707–22
- 2013 Towards a theory of freedom. *Theoria* 134 (2013) 1–25
- 2013 Truth deserves to be believed. *Philosophy* 88 (2013) 179–96 (Winner of the inaugural Royal Institute of Philosophy Essay Prize)
- 2013 (with Oliver Richardson) Capitalization in the St. Petersburg game. *Politics, Philosophy and Economics* 13 (2013) 292–313.
- 2014 The grammar of experience. *Philosophy* 89 (2014) 223 – 250 (joint winner of the Royal Institute of Philosophy Essay Prize for 2013)
- 2014 Diagnostic preliminaries to applying a decision theory. *SATS: Northern European Journal of Philosophy* 15 (2014) 168–196
- 2015 Review article of Paul Hoyningen-Huene, *Systematicity: The Nature of Science* (OUP). *Mind* 124 (2015) 351–7
- forth Who will advise us? An essay on the proper relationship of science and political institutions in democratic societies, *SATS: Northern European Journal of Philosophy*

Chapters in Books:

- 2001 Paradox and its Undoing, A Speech Act Manifesto. *Logical Consequence: Rival Approaches*. John Woods & Bryson Brown, eds. Paris: Hermes Science Publications, 297–308.
- 2003 The Logic of Scientific Discovery by Karl Popper. *The Classics of Western Philosophy*. J. Gracia, G. Reichberg & B. Schumacher, eds. Blackwell.
- 2003 Searle’s foole: How a constructionist account of society cannot substitute for a causal one. *John’s Searle’s Ideas about Social Reality: Extensions, Criticisms and Reconstructions*. David Koepsell & Laurence S. Moss, eds. Wiley-Blackwell.
- 2003 The reduction of causation. *Probability is the Very Guide of Life: The Philosophical Uses of Probability*, M. Thalos & H. Kyburg, Jr., eds., Open Court.
- 2003 (with Henry Kyburg, Jr) Introduction. *Probability is the Very Guide of Life: The Philosophical Uses of Probability*, M. Thalos & H. Kyburg, Jr., eds. Open Court.
- 2004 Judgment, distinction and discipline. *Categories*. Michael Gorman & Jonathan Sanford, eds, Catholic University of America Press, Catholic University of America Press, 185–203.
- 2005 What is a feminist to do with rational choice? *Blackwell Companion to Rationalism*. Alan Nelson, ed, 450–468.
- 2007 Navigation: An engineer’s perspective. *Probability and inference: Essays in Honor of Henry E. Kyburg, Jr.*, Gregory Wheeler & William Harper, eds., London: College Publications, 211–133.

- 2007 Sources of behavior: Toward a control metaphysics of agency. *Distributed Cognition and the Will*. Don Ross & David Spurrett, eds., Harvard: MIT Press, 123–67.
- 2010 Why I am not a friend. *Facebook and Philosophy*. D. E. Wittkower, ed., Open Court, 75–88.
- 2012 Self-constructions: An existentialist approach to self and social identity, *Out of the Shadows: Analytical Feminist Contributions to Traditional Philosophy*. Sharon Crasnow & Anita Superson, eds, Oxford University Press, 451–92.
- 2012 Precaution has its reasons. *Topics in Contemporary Philosophy 9: The Environment, Philosophy, Science and Ethics*. W. Kabasenche, M. O'Rourke & M. Slater, eds. MIT Press, 171–184.
- 2013 What Hume should have said to Descartes. *David Hume: A Tercentenary Tribute*, Stanley Tweyman, ed, Caravan Books, 21–44.
- forth Against border patrols. *Science Unlimited? Challenges of Scientism*, Ed. Maarten Boudry and Massimo Pigliucci, University of Chicago Press
- forth Inhabiting the future. *The Theory and Practice of Ontology: Essays in Honor of Barry Smith*, Leo Zai- bert, ed., Palgrave-Macmillan, forthcoming
- forth Existentialism and atheism, *Blackwell Companion to Atheism and Philosophy*, Graham Oppy, ed.

Articles in Encyclopedias:

- 1996 Naturalism. *Philosophy of Education: An Encyclopedia*, New York: Garland Publishing Company, 425–430.
- 2000 The Self. *Encyclopedia of Feminist Theories*, general editor Lorraine Code, Routledge.
- 2000 Metaphysics. *Encyclopedia of Feminist Theories*, general editor Lorraine Code, Routledge.
- 2000 Ontology. *Encyclopedia of Feminist Theories*, general editor Lorraine Code, Routledge, 2000.
- 2004 Philosophy of Science. *McGraw-Hill Encyclopedia of Science and Technology online*.
- 2007 Science in Philosophy. *Literary Encyclopedia*, <http://www.litencyc.com/php/topics.php?rec=true&UID=1737>.
- 2013 Theories of Explanation. *Encyclopedia of Philosophy and the Social Sciences*, Sage.

Articles in Popular Periodicals, Reviews and other Publications:

- 1995 *The Disorder of Things* by John Dupre (Harvard University Press). *Philosophy of Science*, 62, 351–353.
- 1998 *Rationality, Allocation and Reproduction* by Vivian Walsh (Oxford University Press). *Ethics* 109, 222–223.
- 2002 A Trembling Handbook. Review of *Handbook of Evolutionary Psychology: Ideas, Issues and Applications*, Charles Crawford & Dennis L. Krebs, eds (Lawrence Erlbaum Associates, 1998). *Human Nature Review* 2, 512–514, <http://human-nature.com/nibbs/02/thalos.html>.
- 2008 The Wit of Knitting. *APA Newsletter on Feminism*, 8/1, http://www.apaonline.org/publications/newsletters/v08n1_Feminism_11.aspx.
- 2012 *The Self-Organizing Social Mind*, by John Bolender. *Quarterly Review of Biology*, 87/2, 158.
- 2014 Interviewed by Caterina Marchionni in *The Reasoner*: [http://www.kent.ac.uk/secl/philosophy/jw/TheReasoner/vol8/TheReasoner-8\(12\).pdf](http://www.kent.ac.uk/secl/philosophy/jw/TheReasoner/vol8/TheReasoner-8(12).pdf)
- forth Racial consciousness: Losing at race. *Black Lives Matter 2. The Critique*

SELECTED SCHOLARLY PRESENTATIONS

Invited:

- 1992* Old and new perspectives on the measurement problem of quantum mechanics. Department of Philosophy, University of Pittsburgh.
- 1993* Science and the phenomena of consciousness. Center for Cognitive Science, State University of New York at Buffalo.
- 1994* Some respectable feminist aims in science. A reply to Susan Haack. Forum for Real Debate, State University of New York at Buffalo.
- 1994* What do philosophers want from theories of spacetime? A Reply to Chuang Liu. American Philosophical Association, Eastern Division, Boston.
- 1995* A taxonomy of dependence relations. Sigma Club, Department of Philosophy, University of Western Ontario, London, ON.
- 1996* Epistemology in an age of pragmatism. Marvin Farber Conference, State University of New York at Buffalo. Commentators: Henry Jackman and Junichi Murata.
- 1996* On solving the surprise execution paradox. Buffalo Logic Colloquium.
- 1997* A modest proposal for interpreting structural explanation. British Society for the Philosophy of Science, Oxford.
- 1997* The pragmatic dimension of paradox. Center for Cognitive Science, State University of New York at Buffalo.
- 1997* The individuation of dilemmas. University of Western Ontario, London, ON.
- 1998* Degrees of freedom in the social world. University of Manchester, England, Department of Government.
- 1998* Searle's foole. Roundtable on John Searle's Construction of Social Reality, World Congress of Philosophy, Boston. Respondent: John Searle.
- 1999* The foundations of collective decision. Baldy Center for Law and Social Policy, SUNY Buffalo Law School.
- 1999* Modeling practical reason. Philosophy Department, MacQuarie University, and Philosophy Department, University of Queensland.
- 1999* The architecture of practical reason. Philosophy Program, Institute for Advanced Study, Australian National University.
- 2000* Distinction and judgment. Department of Philosophy, University of Missouri-Columbia.
- 2000* Physical explanation. Department of Philosophy, University of Utah.
- 2000* Reasoning together: How decision is Achieved in the wild. Baldy Center for Law and Social Policy, SUNY Buffalo School of Law.
- 2001* On degrees of freedom in the social world. American Philosophical Association, Pacific Division Meeting, Kavka Prize symposium.
- 2001* Judgment and distinction. Philosophy Department, SUNY Buffalo.
- 2001* Distinction, judgment and discipline. Tanner Endowment Lecture, Utah State University.

- 2002* Human nature and the evolutionary sciences of behavior: Morals for a feminist moral philosophy. Feminist Moral Philosophy Conference, University of Western Ontario.
- 2002* The natural history of knowledge. Rosenblatt Lunch Series, University of Utah.
- 2002* Respondent to Claudia Card, Laurence Thomas and Anita Superson, Society for Feminist Philosophy panel on Evil, Group Meeting with American Philosophical Association, Eastern Division, Philadelphia.
- 2003* A three-dimensional analysis of reasoning. Philosophy Department, Texas A & M.
- 2003* From human nature to moral philosophy. College of Arts and Sciences, Texas Tech University.
- 2003* The natural history of knowledge. Philosophy Department, Texas Tech University.
- 2003* Sources of behavior. Duke University, Philosophy Department, Fall 2003.
- 2004* What is a feminist to do with rational choice theory? Society for Analytical Feminism, Pacific APA Panel on Feminism and Reason.
- 2004* The scientific image of the rational agent. Science and Ethics Conference, University of Toronto.
- 2004* Navigation. An engineer's perspective. Colloquium in honor of Henry E. Kyburg, Jr., University of Rochester.
- 2006* Imitative reasoning. Keynote, inaugural Utah Philosophical Assn Intermountain Conference.
- 2007* Towards metaphysical foundations for decision, London School of Economics, and University of Sydney.
- 2007* Normativity. A knitter's perspective. University of Colorado, Boulder.
- 2008* The self-construction of identity. Society for Analytical Feminism invited session.
- 2008* The experience of normativity. Department of Philosophy, University of Genoa.
- 2008* Risk and the environment: Toward a management framework. University College London.
- 2008* Precautionary Tales. Tanner Humanities Center, University of Utah.
- 2009* Nonreductive materialism. Colorado Conference on Dependence and APA Central Division
- 2010* Precaution is (much) more than risk aversion. Institute of Philosophy, University of London.
- 2013* On the scale freedom of the universe. UC San Diego, Department of Philosophy.
- 2014* The gulf between practical and theoretical reason. Bold Aspirations Lecture, Univ of Kansas.
- 2014* Knowledge is science. invited workshop presentation, CUNY graduate school.
- 2014* The gulf between practical and theoretical reason. Institute of Philosophy, School of Advanced Study, University of London.
- 2014* Three stances of practical reason. Center for Excellence in the Social Sciences, University of Helsinki.
- 2014* Author meets critics. Mariam Thalos's Without Hierarchy, University of Helsinki.
- 2014* Two (+) adult stances. Tanner Humanities Center, University of Utah.
- 2014* Re-situating risk analysis within decision science. Decision Science: Current Challenges in Computing Conference, organized by the HPC Innovation Center at Lawrence Livermore National Laboratory and RAND Corporation.
- 2015* Between practical and theoretical. Union College, Schenectady, NY.

- 2015* Precaution: Decision in the context of potential future “catastrophe”, Utah State University, Georgetown University
- 2015* The future is (not) a foreign country: The role of the future in the present. New Agendas for the Study of Time: Connecting the Disciplines, Iceland
- 2015* Information, causation and scale. Keynote, Durham Summer School on Emergence
- 2016* Risk to others. APA Central 2016 symposium: Human Judgment about Probability and Risk

Refereed:

- 1997* The individuation of dilemmas. Symposium presentation, Pacific Division, American Philosophical Association, Berkeley, CA. Commentators: Aldo Antonelli and Arthur Kuflik.
- 1997* The public function of belief. Ontario Philosophical Society, Toronto.
- 1997* The individuation of dilemmas. Symposium presentation, Eastern Division, American Philosophical Association, Philadelphia. Commentators: Graham Priest and John Collins.
- 1998* Limited autonomy: An essay on the prudence of cooperation in the Prisoners Dilemma. Symposium presentation at the Pacific Division of the American Philosophical Association, LA. Commentators: Tamara Horowitz and Eric Barnes.
- 1998* Degrees of freedom in the social world. Marvin Farber Conference on Applied Ontology, University at Buffalo.
- 1998* Negative causes and determinism. American Philosophical Association, Central Division, Chicago. Commentator: Christopher Hitchcock.
- 1998* Physical explanation. Society for Exact Philosophy, Athens, Georgia.
- 1998* Degrees of freedom in the social world. Philosophy of Science Association, Kansas City.
- 1999* Paradox and its undoing. Society for Exact Philosophy, Lethbridge, Canada.
- 1999* The pragmatics of paradox. Pragma’99: International Pragmatics Conference on Pragmatics and Negotiation, Tel Aviv.
- 1999* Paradox and its undoing. Australasian Association of Philosophy, Melbourne.
- 2002* Distinction, Judgment and discipline. Conference in Honor of John Woods, University of Lethbridge, Alberta.
- 2002* Physical explanation. International Congress: Causation and Explanation in Natural and Social Sciences, Centre for Logic and Philosophy of Science, Ghent University, Belgium.
- 2002* A three-dimensional analysis of reason. Northwest Philosophical Conference, Oregon.
- 2003* A three-dimensional analysis of reason. American Philosophical Association, Central Division, Cleveland.
- 2003* The natural history of knowledge. Society for Exact Philosophy, Vancouver.
- 2003* The natural history of knowledge. Joint Meeting of the Aristotelian Society and the Mind Association, Belfast, Ireland.
- 2005* Sources of behavior. Mind and World II conference, Birmingham, AL.

- 2005* The function of being transported through narrative. Royal Institute of Philosophy Conference, Hertfordshire, with Chrisoula Andreou.
- 2005* On planning. International Society for Utilitarian Studies, Dartmouth College.
- 2005* Towards a control account of agency. Canadian Society of Women in Philosophy, Halifax, NS.
- 2006* Sense and sensibility. APA Central Division, Chicago, with Chrisoula Andreou.
- 2006* Planning foundations for environmental protection. Conference on Ethical Aspects of Risk, Netherlands: Delft University of Technology, with Chrisoula Andreou and Leslie Francis.
- 2007* Explanation and reduction in physical theory. 15th UK and European Foundations of Physics meeting, Leeds.
- 2007* Allais-like preferences are everywhere. American Philosophical Assn Pacific Division.
- 2007* Steps toward a naturalized account of agency. Conference on Selfhood, Normativity, and Control, Radboud University Nijmegen.
- 2008* Nonreductive physicalism: A new formulation. Reduction and the Special Sciences, Tilburg Center for Philosophy of Science.
- 2009* A dual-process model of socio-political self-regulation. European Consortium for Political Research, in the workshop Empires of Norms and Laws, as part of the ECPR Lisbon 2009 Joint Sessions.
- 2009* There is no core to precaution. INPC 2009 (The Environment), Idaho.
- 2009* Nonreductive physicalism without hierarchies. Metaphysics of Science Project, Melbourne, AU.
- 2009* Precaution and self-regulation. RoME II, Boulder, CO.
- 2009* Diagnostics for foundations of decision. Prolog 09.
- 2009* The nerve of theism. Darwin at 150, University of Toronto.
- 2010* Precaution and the risk landscape. Kazimierz Naturalist Workshop, Poland.
- 2011* A distributed model of normative choice for public policy. Three Rivers Philosophy Conference "Science, Knowledge and Democracy," University of South Carolina.
- 2011* Selfishness, altruism and so much in-between. ISHPSSB, Salt Lake City.
- 2011* Network effects in decision systems: We need a theory of planning. International Network for Economic Method, Helsinki.
- 2012* Hierarchies and networked networks. AAAS, Vancouver.
- 2012* (with Oliver Richardson) Capitalization in the St. Petersburg game. Alan Turing Centenary Conference, Cambridge, UK (CiE 2012).
- 2013* Expectational v. instrumental reasoning: Why statistics matter. Models and Decisions 2013, LMU Munich.
- 2014* The logic of natural selection. IACAP 2014, Anatolia College, Greece.
- 2015* Protecting scientific institutions in modern democratic societies, Edmond J. Safra Center for Ethics workshop: Ending Institutional Corruption.
- 2015* Precaution: Decision in the context of potential future "catastrophe", INEM 2015, Cape Town, SA.

SERVICES TO THE PROFESSION

Article Editor for *Sage Open*.

Referee for the following scholarly journals: *Monist*, *Synthese*, *British Journal for the Philosophy of Science*, *Canadian Journal of Philosophy*, *Philosophical Quarterly*, *International Studies in Philosophy of Science*, *Philosophical Papers*, *Transactions of the C. S. Peirce Society*, *Journal of Social Philosophy*, *Hypatia*, *Erkenntnis*, *Theoria*, *Cognitive Processes*, *Philosopher's Imprint*

Referee for the following presses: Oxford, Blackwell, Routledge.

Grant Proposal Reviewer for: US NSF, Austrian NSF, Canadian SSHRC.

Member of the American Philosophical Association Committee on Status and Future of the Profession, 2001–2004.

Program Committee, Central Division, American Philosophical Assn, 2007–08.

SELECTED ADMINISTRATIVE (UNIVERSITY OF UTAH) AND COMMUNITY SERVICE

- 2003–2006* Academic Senate.
- 2002–2005* Tanner Humanities Center Board of Directors member.
- 2004–2007* University Research Council member.
- 2003* Strategic Planning Committee of the Vice President for Research.
- 2004* Marriott Library Director Search Committee.
- 2002–2004* College Retention, Promotion and Tenure Committee.
- 2009–2010* Leadership Development Program participant.
- 2010–2012* Open Access Task Force member.
- 2010–2011* Chair of College of Humanities Tenure and Promotion Committee.
- 1995–present* Regular guest on topics in philosophy in Buffalo elementary school classrooms, Hawthorne Elementary and Wasatch Elementary, Salt Lake City.
- 2004–2008* Worked with Amy Wadsworth, principal of Salt Lake Arts Academy and former principal of Wasatch Elementary School on introducing philosophy into the elementary school curriculum.

PROFESSIONAL AFFILIATIONS:

American Association for the Advancement of Science
American Philosophical Association
Philosophy of Science Association
British Society for the Philosophy of Science
Aristotelian Society
Jean Piaget Society
Society for Exact Philosophy
Society for Analytical Feminism
Canadian Society for Women in Philosophy