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**Education**: B.A. City College of New York, 1967

Ph.D., The Johns Hopkins University, 1971

**Academic Positions**:

1970-72 Killam Post Doctoral Fellow, Dalhousie University, Halifax, Canada

1972-76 Assistant Professor of Philosophy, Dalhousie University

1975 Visiting Assistant Professor, Fellow of the Center for Philosophy of Science, University of Minnesota, Twin Cities

1976-81 Associate Professor of Philosophy and Social Science, College of Arts and Sciences, and Maxwell School of Public Affairs, Syracuse University

1978-79 Visiting Associate Professor of Philosophy, University of California, Santa Cruz

1981-86 Professor of Philosophy and Social Science, Syracuse University

1986-95 Professor of Philosophy, step IV-VIII, University of California, Riverside

1994-95 Visiting Lecturer, Philosophy sub-faculty, Oxford University (Balliol College)

1995-2000 Professor of Philosophy, University of Georgia

2000- Professor of Philosophy, Duke University

2003- R. Taylor Cole Professor of Philosophy

**Honors, Awards and Fellowships (selected):**

1967 Phi Beta Kappa

1968 NSF Graduate Fellowship

1970-72 Isaac Walton Killam Post-Doctoral Fellowship

1981-82 American Council of Learned Societies Study-Fellowship

1982-83 John Simon Guggenheim Foundation Fellow

1983 National Science Foundation Research Grant

1987 National Science Foundation Senior Scholar Award

1991 National Science Foundation Research Grant

1993 Lakatos Award for Philosophy of Science

1994 University of California Faculty Research Lecturer

1995 Sigma Psi

2000 Senior Visiting Fellow, Social Philosophy and Policy Center, Bowling Green S.U.

2005 Dean’s Award for Graduate Mentoring

2006-07 National Humanities Center Fellowship

2007 United Chapters Phi Beta Kappa Romanell Lecturer in Philosophy

2008-09 Visiting Fellow, Philosophy, Research School, Australian National University

2016 Benjamin Meaker Visiting Lecturer, Bristol University

2020 Visiting Fellow, Center for Freedom, Philosophy Department, University of Arizona

**Institutional Grants:**

1989-91 Department of Education, Fund for Improvement of Post Secondary Education Grant for Honors Program ($ 270,000)

1991 National Endowment for the Humanities, Challenge Grant Award ($ 235,000)

1997 Department of Education, Fund for the Improvement of Post Secondary Education Grant for Center for Undergraduate Research Opportunities ($170, 000)

2004-2007 National Science Foundation, Duke Center for Philosophy of Biology ($ 296,000)

**University Service and Administrative Posts** (Selected):

Dalhousie University

1973-75 Faculty of Arts and Sciences Curriculum Committee

Chair, 1974-75

Syracuse University

1978-79 College of Arts and Sciences Tenure Committee

1983-86 College of Arts and Sciences Promotions Committee

Chair, 1984-85

1983-84 President, Kappa Chapter, New York, Phi Beta Kappa

1983-86 University Senate Committee on Academic Affairs

Chair 1985-86

1984-86 Associate Director, College of Arts and Sciences Honors Program

University of California

1987-89 Graduate Advisor (director of graduate studies)

1988-89 Founding Director, University Honors Program

1989-90 U.C. President's Advisory Committee on Undergraduate Education

1989-92 Chair, Philosophy Department

1992-95 Director, University Honors Program

1990-93 U.C. President's Faculty Committee on Academic Planning for UC Merced

1990-92 Member, Academic Council, University of California

Chair, University Committee on Planning and Budget

Member, U.C. President's Budget Advisory Group

Member, U.C. Academic Program Planning Review Board

1992 Member, Transition Team Task Force on Capital Planning

1993-94 Chair, University Committee on Faculty Welfare

Member, Academic Council

Member, University Committee on Academic Personnel

University of Georgia

1995-99 Director, Honors Program, Foundations Fellows Program

Duke University

2000-2014 Co-director, Center for Philosophy of Biology

2001-2004 Provost’s Advisory Committee on Appointment, Promotion and Tenure

2001-2005 Genome Ethics, Law, Policy Institute Steering Committee

2003- Co-director, Duke in Geneva Program

2004-2005 Director of Graduate Studies (interim)

2004-2006 Executive Committee of Graduate Faculty

2005-2006 Provost’s Advisory Committee on Appointments, Promotion and Tenure

2007-2010 Director of Undergraduate Studies

2007-2009 Executive Committee of Graduate Faculty

2007-2012 Director of the A.B. Duke Scholarship Program

2009-2014 Chair, Philosophy Department

**Editorial Boards**: *American Philosophical Quarterly*(1988-91), *Philosophy of Science* (1987 -present), *Behavior and Philosophy*, (1988-1998), *Economics and Philosophy* (1987-96), *Philosophy of Social Science* (1984-93), *Biology and Philosophy (*2006-present), *Journal of Economic Methodology* (1999-present).

**Bibliography (as of 01/01/20)**

**Books**

*Microeconomic Laws: A Philosophical Analysis*, Pittsburgh, Pittsburgh University Press, 1976; 236 pp + XIV.

*Sociobiology and the Preemption of Social Sciences*, Baltimore, Johns Hopkins University Press, 1980, Oxford, Basil Blackwell, 1981; 227 pp. +VI.

*Hume and the Problem of Causation*, New York, Oxford University Press, (with Tom L. Beauchamp), 1981; 340 pp. +XXV.

*The Structure of Biological Science*, Cambridge, Cambridge University Press, 1985, forth printing 1994; 281 pp. +XI.

*Philosophy of Social Science*, Boulder, Westview, 1988; 218 pp + XIV, Oxford, Oxford University Press, 1988, new editions, 1995, 2008, 2011, 2015

Greek translation, 2017

*Economics: Mathematical Politics or Science of Diminishing Returns*, University of Chicago Press, 1992; 266 pp +XVII.

*Instrumental Biology or the Disunity of Science*, Chicago, University of Chicago Press, 1994, 193 pp. +X.

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*The Philosophy of Science: A Contemporary Introduction*, London, Routledge, 2000, new editions 2005, 2012, 2020 (with Lee MacIntyre)

Chinese translation, 2004, Ewen

Portuguese translation, 2007, Edicoes Loyola

Japanese translation, 2009, Shunjusha

Turkish translation, 2015, Dipnot Publishing

*Darwinism in Philosophy, Social Science and Policy*, Cambridge, Cambridge University Press, 2000, 248 pp. +VIII

*Darwinian Reductionism or How to Stop Worrying and Love Molecular Biolog*y, Chicago, University of Chicago Press, 2006.

*Philosophy of Biology: A Contemporary Approach*, London, Routledge, 2007 (with Daniel McShea).

*The Atheist’s Guide to Reality*, New York, W.W. Norton, 2011 (paperback edition, 2012)

*What History Gets Wrong: The Neuroscience of our Addiction to Stories*, MIT Press, 2019

*Reduction and Mechanism*, Cambridge: Cambridge University Press, 2020

**Fiction**

*The Girl from Krakow*, Lake Union, 2015

Translations: Polish, Hebrew, Italian, Hungarian, Slovenian

*Autumn in Oxford*, Lake Union, 2016

*The Intrigues of Jennie Lee,* Top Hat Books, London, 2020

**Translation:**

*Formal Thought and the Science of Man*, by Gilles-Gaston Granger, translated with Carolyn Fawcett and R.S. Cohen, with an introduction by A.R. Dordrecht, Reidel, 1983; 210 pp + X.

**Anthologies:**

*Contemporary Readings in the Philosophy of Science*, with Yuri Balashov, London Routledge,, 2002, pp. 522..

*The Philosophy of Biology*. With Robert Arp, Blackwell’s 2009

*Routledge Companion to the Philosophy of Social Science*, with Lee McIntyre, 2016

**Journal Articles**

“Friedman’s ‘Methodology’ for Economics: a Critical Examination,” Philosophy of the Social Sciences, 2, 1972: 15-29.

“Getting the War News Straight: The Actual Situation in the Philosophy of Science, American Political Science Review, 66, 1972: 818-826 (with David Braybrooke).

“Anti-behaviourism in the Hour of its Disintegration,” Philosophy of the Social Sciences, 2, (1972) 355-363 (with David Braybrooke).

“The nomological character of microeconomics,” Theory and Decision, 6, 1975: 1-26.

“Causation and Recipes: the Mixture as Before,” Philosophical Studies, 24, 1973: 378-385.

“On Fodor’s Distinction Between Strong and Weak Equivalence in Machine Simulation,” Philosophy of Science, 40, 1973: 118-120.

“Mill and Some Contemporary Critics on ‘Cause’,” Personalist, 54, 1973: 123-129.

“Action, Purpose and Consciousness Among the Computers,” Philosophy of Science, 40, 1973: 547-557 (with R. Campbell).

“Singular Causal Statements: a Reconsideration,” Philosophical Forum, 5, 1974: 611-618 (with T.L. Beauchamp).

On Kim’s Account of Events and Event Identity,” Journal of Philosophy, 71, 1974: 327-336.

“Proper Hoc, Ergo Post Hoc,” American Philosophical Quarterly, . 12, 1975: 245-254.

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“Terms of Experience and Theory: a Rejoinder to Korner,” Dialogue, 14, 1975: 309-311

Materialism and Evolution: a Reconsideration,” Canadian Journal of Philosophy 6, 1976: 127-138.

“The Interanimation of Micro and Macroeconomics, Philosophy of the Social Sciences, 6, 1976: 35-53.

“Rejoinder to Puccetti,” Canadian Journal of Philosophy, 6, 1976: 143-144 (with R.M. Martin).

“Concrete Occurrences vs. Explanatory Facts: Mackie on the Extensionality of Causal Statements,” Philosophical Studies, 28, 1977: 133-140.

“Critical Notice of The Cement of the Universe,” Canadian Journal of Philosophy, 7, 1977: 371-404 (with T.L. Beauchamp).

“Hollis and Nell: Rationalist Economic Men,” Philosophy of the Social Sciences, 8, 1978: 87-99.

“The Extensionality of Causal Contexts,” Midwest Studies in Philosophy, 4, 1979: 401-408 (with R.M. Martin).

“The Supervenience of Biological Concepts,” Philosophy of Science, 45, 1978: 368-386.

“Can Economic Theory Explain Everything?” Philosophy of the Social Sciences, 9, 1979: 509-529.

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“Obstacles to the Nomological Connection of Reasons and Actions,” Philosophy of the Social Sciences, 10, 1980: 79-91.

“Causation and Counterfactuals: Lewis’ Treatment Reconsidered,” Dialogue, 18, 1979: 210-219.

“The Puzzle of Economic Modeling,” Journal of Philosophy, 75, 1978: 679-683.

“Genetics and the Theory of Natural Selection: Synthesis or Sustenance?” Nature and System, 1, 1978: 3-15.

“A Skeptical History of Microeconomic Theory,” Theory and Decision, 12, 1980: 79-93.

“Ruse’s Treatment of the Evidence for Evolution: A Reconsideration,” in Giere and Asquith, (eds.) PSA, 1980, East Lansing, Philosophy of Science Association, 1980: 83-93.

“Species Notions and the Theoretical Hierarchy of Biology,” Nature and System, 2, 1980: 163-172.

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“On Matthen and Ariew’s Obituary for Fitness: Reports of its Death are Greatly Exaggerated”, Biology and Philosophy, 20 (2005), with Frederic Bouchard.

“Lessons from biology for the philosophy of social science”, Philosophy of Social Science 35 (2005): 3-19.

"The Rational-Behavioral Debate in Financial Economics", Journal of Economic Methodology, Forthcoming (with Alon Brav, J. B. Heaton), forthcoming

“On the original contract: evolutionary game theory and human evolution”, Analyze und Kritik, forthcoming (with Stefan Linquist)

"The Rational-Behavioral Debate in Financial Economics", Journal of Economic

Methodology, (with Alon Brav, J. B. Heaton), 11, 2004, 393-410

“On the original contract: evolutionary game theory and human evolution”, Analyze und Kritik, 27 (2005): 137-157, (with Stefan Linquist).

“The return of the *Tabula Raza*,” Philosophy and Phenomenological Research (with

Stefan Linquist), 2007.

“How reductionism refutes genetic determinism”, Studies in the History and Philosophy of the Biological and Biomedical Sciences, 2005

“Defending information free genocentrism”, History and Philosophy of Life Sciences, 27

(2006), 345-349.

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Philosophy of Science , Vol. 76, No. 3 (July 2009), pp. 307-334

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‘Solving the Circularity Problem for Functions, (with Karen Neander) Journal of Philosophy, 2010, v. 109 (10): 613-622.

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“Toward reconstruction in moral philosophy,” (with Matthew Braddock), Analyze und Kritik, June 2012, Vol. 34 Issue 1, 63-80

“Reflexivity, Uncertainty and the Unity of Science,” *Journal of Economic Methodology*, 20: 429-438. [full text: <http://www.tandfonline.com/doi/full/10.1080/1350178X.2013.859413#.VISFqoffA9M>

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<https://opinionator.blogs.nytimes.com/2013/08/24/what-is-economics-good-for/?_r=0>

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“Cur ate ipsum”, 3AM, <http://www.3ammagazine.com/3am/cura-te-ipsum/>

“Can moral disputes be resolved?” New York Times, <https://opinionator.blogs.nytimes.com/2015/07/13/can-moral-disputes-be-resolved/?_r=0>

“Why you don't know your own mind,” New York Times, <https://www.nytimes.com/2016/07/18/opinion/why-you-dont-know-your-own-mind.html?_r=0>

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“On the Very Idea of Ideal Theory in Political Philosophy,” *Social Policy and Philosophy*, 2016

“The making of a non-Patriot” *New York Times*, <https://www.nytimes.com/2017/07/03/opinion/the-making-of-a-non-patriot.html?mcubz=0&_r=0>

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“Objectivity and the Theory of Mind,” *American Philosophical Quarterly, 2020.*

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"Partial Interpretation and Microeconomics," W. Leinfellner and W. Kohler, (eds.) Developments in the Methodology of Social Science, Theory and Decision Library, Dordrecht, Reidel, 1974: 93-109.

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Reprint:

“Prospects for the Elimination of Tastes in Economics and Ethics,” in E.F. Paul, J. Paul, and F.D. Miller, (eds.) Ethics and Economics, Oxford, Blackwells, 1985: 48-69.

Reprint:

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Reprint:

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Reprint:

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Is There an Evolutionary Biology of Play?” in M. Bekoff, Jameson (eds.) Interpretation and Explanation in the Study of Annual Behavior, Boulder, Westview Press, 1990, 180-196.

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“A quoi bon la theorie de l’equilibre general?” La Methodologie de L'economie Theorique et Applique Aujourd’hui,” J. Wolff, et al., (ed.) Paris Nathan, 1990, 170-187.

Reprint:

“The Biological Justification of Ethics: A Best Case Scenario,” in Paul, Miller, Rowe, (ed.) Ethics, Politics and Human Nature, Oxford, Blackwell’s, 1991, 86-101.

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"How is Eliminative Materialism Possible?” in Radu Bogdan, Mind and Common Sense. Cambridge, Cambridge University Press, 1993.

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