

# KENT A. PEACOCK

## Curriculum Vitae

29 November 2023

Department of Philosophy,  
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**Citizenship:** Canadian

### Education

PhD (Philosophy), University of Toronto, 1991.

Dissertation: [\*Peaceful Coexistence or Armed Truce? Quantum Nonlocality and the Spacetime View of the World.\*](#)

Supervisor: James Robert Brown.

Master of Arts (Philosophy), University of Toronto, 1987.

Bachelor of Arts, University of Toronto, 1976.

### Academic Appointments

University of Lethbridge, Dept. of Philosophy:

2010–, Professor (Tenured).

2001–2010, Associate Professor (Tenured).

University of Toronto, Dept. of Philosophy:

Visiting Scholar, 2002/3 (while on Study Leave from U of Lethbridge)

University of Lethbridge, Dept. of Philosophy:

1997–2001, Assistant Professor (Full-time tenure track).

1996–97, full-time term appointment.

Huron College & University of Western Ontario, Depts. of Philosophy:

1995–96, part-time sessional appointments.

University of Western Ontario, Dept. of Philosophy:

1994–96, Ass't Professor (Part time).

1993–94, Ass't Professor (Full time limited term).

1991–93, Ass't Professor and Postdoctoral Fellow.

University of Toronto, Dept. of Philosophy:

1990–91, Graduate Instructor; 1987–91, Teaching Assistant.

## Areas of Research Specialization

Foundations of physics; metaphysics of time; philosophy of ecology and biology (especially concerning mutualism and the nature of sustainability); philosophical issues surrounding climate change; logic.

## Areas of Teaching Competence

Logic; most standard topics in metaphysics, epistemology, ethics and value theory, history of philosophy, history and philosophy of science (with special interests in philosophies of physics and biology); ancient (in translation); environmental, business, professional, and biomedical ethics.

## Scholarly Publications

### *Books*

*Quantum Heresies*. London: College Publications, 2018. xiii + 205.

*Philosophy of Ecology*. Edited by Kevin deLaplante, Bryson Brown, and Kent A. Peacock. Amsterdam: Elsevier, 2011. xii + 431 pp. (Volume 11 in the series *Handbook of the Philosophy of Science*, John Woods, Dov M. Gabbay, and Paul Thagard, General Editors.)

*The Quantum Revolution: A Historical Perspective*. Westport, CT: Greenwood Press, 2008. xviii + 220 pp.

*Mistakes of Reason: Essays in Honour of John Woods*. Edited by Kent A. Peacock and Andrew D. Irvine. Toronto: University of Toronto Press, 2005. xii + 533 pp.

*Living With the Earth: An Introduction to Environmental Philosophy*. A text of readings in environmental philosophy and ethics, edited and with connecting commentary and contributions by myself. Toronto: Harcourt Brace Canada, 1996. xvi + 461 pp.

### *Anthology Papers*

“We Are the Emergency.” In Lucy Weir (ed.), *Philosophy as Practice in the Ecological Emergency: An Exploration of Urgent Matters*. Palgrave Macmillan, 2023, pp. 57–69.

“Virtue in the Anthropocene.” In T. DesRoches, F. Jankunis, and B. Williston (eds.), *Canadian Environmental Philosophy*. Kingston: McGill-Queen’s University Press, 2019, pp. 181–198.

“Happiest Thoughts: Great Thought Experiments of Modern Physics.” In Michael T. Stuart, Yiftach Fehige, and James Robert Brown (eds.), *The Routledge Companion to Thought Experiments*. London and New York: Routledge, 2017, pp. 211–242.

“Energy, Complexity, and the Singularity.” In V. Callaghan, J. Miller, R. Yampolskiy, and S. Armstrong (eds.), *The Singularity Hypothesis: Managing the Journey*. Berlin: Springer, 2017, pp. 153–165.

“Do Businesspeople Need to be Professionals?” In Peg Tittle (ed.), *Ethical Issues in Business: Inquiries, Cases, and Readings*, Second Edition. Peterborough, ON: Broadview Press, 2017, p. 556.

Kent A. Peacock & Andrew Tedder, “Identity, Haecceity, and the Godzilla Problem.” In Gillman Payette (ed.), *“Shut up,” he explained. Essays in Honour of Peter K. Schotch*. London: College Publications, 2016, pp. 63–79.

“Philosophy in the Anthropocene,” in Kishor Vaidya (ed.), *Philosophy for the Curious*. The Curious Academic Publishing, 2015. Kindle edition at

[http://www.amazon.ca/gp/product/B00VNH0VY0?Version\\*=1&\\*entries\\*=0](http://www.amazon.ca/gp/product/B00VNH0VY0?Version*=1&*entries*=0)

“Realism in a Quantum World,” in Jeffrey Foss (ed.), *Science and the World: Philosophical Approaches*. Peterborough, ON: Broadview Press, 2014, pp. 251–264.

“Symbiosis in Ecology and Evolution,” in Kevin deLaplante, Bryson Brown, and Kent A. Peacock (eds.), *Philosophy of Ecology*. Amsterdam: Elsevier, 2011, pp. 218–250.

“Ecosystems,” in Sahotra Sarkar and Anya Plutynski (eds.), *A Companion to the Philosophy of Biology*. Oxford: Blackwell, 2008, pp. 351–367.

“Temporal Presentness and the Dynamics of Spacetime,” in D. Dieks (ed.), *The Ontology of Spacetime*. (Philosophy and Foundations of Physics, Vol. 1). Amsterdam: Elsevier, 2006, pp. 247–261.

(With John Woods), “Quantum Logic and the Unity of Science”, in S. Rahman, J. Symons, D.M. Gabbay, and J.-P. Van Bendegem (eds.), *Logic, Epistemology, and the Unity of Science*. Dordrecht: Kluwer, 2004, pp. 257–287.

#### *Journal Articles*

“As Much as Possible, As Soon as Possible: Getting Negative About Emissions.” *Ethics, Policy, and Environment* 25(3), 281–296, 2022; published online 04 May, 2021; [https://doi-org.ezproxy.uleth.ca/10.1080/21550085.2021.1904497](https://doi.org.ezproxy.uleth.ca/10.1080/21550085.2021.1904497) .

“Fermi and Lotka: The Long Odds of Survival in a Dangerous Universe.” *Journal of the British Interplanetary Society* 71(6), 207–211, 2018.

“A Different Kind of Rigor: What Climate Scientists Can Learn from Emergency Room Doctors.” *Ethics, Policy, and Environment* 21:2, 194–214, 2018. <https://doi.org/10.1080/21550085.2018.1509483> .

“Would Superluminal Influences Violate the Principle of Relativity?” *Lato Sensu: revue de la Société de philosophie des sciences* 1(1), 2014, 49–62; <https://doi.org/10.20416/lrsps.v1i1.33> .

“The Three Faces of Ecological Fitness,” *Studies in History and Philosophy of Biological and Biomedical Sciences* 42 (2011), 99–105. <https://doi.org/10.1016/j.shpsc.2010.11.011> .

“Sustainability—The Very Idea!” *Alternatives Journal* 34:4, 28, 2008.

“Why Viminiz Should Vote if He Cares (Which He Evidently Does Not),” *Dalhousie Review* 86.1, Spring 2006, 35–37.

“Review article: Bub and the barriers to quantum ontology,” *International Studies in the Philosophy of Science* 16(3), 2002, 281–285.

“Symbiosis and the Ecological Role of Philosophy,” *Dialogue* 38(4) (Fall 1999), 699–717.

“Staying Out of the Lifeboat: Sustainability, Culture, and the Thermodynamics of Symbiosis,” *Ecosystem Health* 5(2), 1999, 91–103.

Critical Notice of *From Physics to Metaphysics* by Michael Redhead; *Canadian Journal of Philosophy* **28**(2), June 1998, 287–309.

“On the Edge of a Paradigm Shift: Quantum Nonlocality and the Breakdown of Peaceful Coexistence,” *International Studies in the Philosophy of Science* **12**(2), 1998, 129–149.

“Sustainability as Symbiosis: Why We Can't Be the Forehead Mites of Gaia,” *Alternatives: Perspectives on Society, Technology and Environment* **21**(4), October/November 1995, 16–22.

“Comment on ‘Tests of Signal Locality and Einstein-Bell Locality’ by S. Roy and V. Singh,” *Physical Review Letters* **69**(18), 2377 (1992). OPUS:  
<https://www.uleth.ca/dspace/handle/10133/4966>

#### *Conference Proceedings*

« La Durabilité comme Symbiose : Qu'est ce que cela nécessiterait ? » À Alexandre Guay et Stéphanie Ruphy (eds.), *Science, philosophie, société : 4e congrès de la Société des Sciences*. Besançon: Presses universitaires de Franche-Comté, 2017, pp. 131–142.

(With Brian Hepburn), “Begging the Signalling Question: Quantum Signalling and the Dynamics of Multiparticle Systems” in *Logical Consequences: Rival Approaches and New Studies in Exact Philosophy: Logic, Mathematics, and Science*, Vol. II. (Series in Logic and Cognitive Systems.) B. Brown and J. Woods (eds.) Oxford: Hermes Science Publishers, 2000, pp. 279–292.

(With Jan Shepherd), “Knowledge versus Opinion: Two Models of Professionalism”, in *Educating the Ethical Professional: Proceedings of the Third Annual Laurier Conference on Business and Professional Ethics*. Edited by A. Carson and J. McCutcheon. (Waterloo: Wilfred Laurier University, 1998), pp. 84–92.

“Superluminal Transformations in Spacetimes of Definite Metric”, in *Causality and Locality in Modern Physics: Proceedings of a Symposium in Honour of Jean-Pierre Vigiér*. Edited by Geoffrey Hunter, Stanley Jeffers, and Jean-Pierre Vigiér. (Dordrecht: Kluwer Academic Publishers, 1998), pp. 227–234.

“A New Look at Simultaneity”, *PSA 1992: Proceedings of the 1992 Biennial Meeting of the Philosophy of Science Association, Volume One*. Edited by D. Hull, M. Forbes, and K. Okruhlik (East Lansing, Michigan: Philosophy of Science Association, 1992), pp. 542–552.

#### *Reviews*

“The Duty to Communicate”: Review of *Ethics and Practice in Science Communication* (Susanna Priest, Jean Goodwin, & Michael F. Dahlstrom eds.); *BioScience* 70(8), 719–721 (August, 2020); published online <https://doi-org.ezproxy.uleth.ca/10.1093/biosci/biaa027>.

“The Two Faces of Gaia.” Review of *The Medea Hypothesis* by Peter Ward; *Alternatives Journal* 37:1, 35–36, 2011.

“The Symbiotic Vision” (review essay on Leopold, Margulis, and Lovelock), *Alternatives Journal* 33.4: 35–36, 2007.

“Progress Traps,” a review of *Collapse: How Societies Choose to Fail or Succeed* by Jared Diamond, and *A Short History of Progress* by Ronald Wright; *Alternatives Journal* 32.3, 2006, 38–41.

Review of Eric Katz, Andrew Light, and David Rothenberg, eds. *Beneath the Surface: Critical Essays in the Philosophy of Deep Ecology* (Cambridge, MA: MIT Press, 2000); *Philosophy in Review* 23, No. 2 (April 2003), 116–8.

(With Scott Jones), review of Christopher Norris, *Quantum Theory and the Flight From Realism*, *Philosophy in Review* **XXII**(2), 2002, 138–140.

Review of André Kukla, *Studies in Scientific Realism* (New York & Oxford: Oxford University Press, 1998); *University of Toronto Quarterly, Letters in Canada*. Vol. 69, No. 1 (Winter/Spring 1999/2000), p. 129 ff.

Review of John Leslie, *The End of the World: The Science and Ethics of Human Extinction* (London and New York: Routledge, 1996); *Dialogue* **38**(3), 1999, 650–653.

Review of James T. Cushing, Arthur Fine, and Sheldon Goldstein (eds.), *Bohmian Mechanics and Quantum Theory: An Appraisal* (Dordrecht: Kluwer, 1996); *International Studies in Philosophy of Science*, Vol. 13, No. 2, 1999, 197–200.

Review of *The Dilemma of Einstein, Podolsky and Rosen — 60 Years Later*, ed. by A. Mann and M. Revzen. *Mathematical Reviews*, September 1998, 98i, 5947–5948.

(With Richard Feist), review of *The Invented Universe: The Einstein-de Sitter Controversy (1916-17) and the Rise of Relativistic Cosmology* by Pierre Kerszberg, *ProtoSoziologie*, Vol. 10, 1997, 234–237.

Review of “Relativistic Covariance and the Interpretation of Quantum Mechanics,” by E. Marx. *Mathematical Reviews*, October 1997, 97j, p. 6415.

Review of “Re-examining the assumption that elements of reality can be Lorentz-invariant,” by O. Cohen and B. J. Hiley. *Mathematical Reviews*, January 1997, 97a:81008.

Review of *Quantum Non-Locality and Relativity: Metaphysical Intimations of Modern Physics*, by Tim Maudlin. *Philosophical Review* **105**(2) (April 1996), 259–262.

Review of *A Model of the Universe: Space-Time, Probability and Decision*, by Storrs McCall, *The Review of Metaphysics* **49**(2), 1995, 419–420.

Review of *Quantum Mechanics* by Leslie Ballentine, *Physics in Canada*, November 1993.

(With J. R. Brown), Review of *Incompleteness, Nonlocality and Realism* by Michael Redhead, *Canadian Philosophical Reviews* **8**(8), 316–320, 1988.

#### *Letters and Commentaries*

“Can ‘Band-Aids’ Close the Ozone Hole?”, *Physics Today* **45**(10), 140–141, 1992.

#### **Preprints<sup>1</sup>**

“Superluminal Transformations in Spacetimes of Definite Metric.”

<https://arxiv.org/abs/2308.03796> (Posted August 8, 2023.)

“Fermi and Lotka: The Long Odds of Survival in a Dangerous Universe.”

<https://arxiv.org/abs/1810.03088> (Posted Oct. 8, 2018.)

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<sup>1</sup> Note: these preprints are largely identical to the published versions of these papers, except for “A Possible Explanation...” which has not been published in another form.

“A Different Kind of Rigor: What Climate Scientists Can Learn From Emergency Room Doctors.” <http://philsci-archive.pitt.edu/13428/> (Posted Sept. 14, 2017.)

“Identity, Haecceity, and the Godzilla Problem.” <https://arxiv.org/abs/1709.04607> (Posted Sept. 14, 2017.)

“Would Superluminal Influences Violate the Principle of Relativity?” <http://philsci-archive.pitt.edu/12841/> (posted Feb. 25, 2017); <http://arxiv.org/abs/1301.0307> (posted Jan. 2, 2013).

“Happiest Thoughts: Great Thought Experiments of Modern Physics.” <http://philsci-archive.pitt.edu/12339/> (Posted Aug. 7, 2016.)

“A Possible Explanation of the Superposition Principle”, <http://arxiv.org/abs/quant-ph/0209082> . (Posted Sept. 13, 2002).

“Begging the Signalling Question: Quantum Signalling and the Dynamics of Multiparticle Systems”, <http://arxiv.org/abs/quant-ph/9906036> . (Co-authored with Brian Hepburn.) (Posted June, 1999).

## Reprints

“The Economics of Extinction,” in Peg Tittle (ed.), *Ethical Issues in Business: Inquiries, Cases, and Readings*, Second Edition (Peterborough, ON: Broadview Press), 2017, pp. 525–537.

“The Energy to Make Energy.” *Alberta Views* 15(8), October 2012, 19–20.

“The Economics of Extinction,” from *Living With the Earth: An Introduction to Environmental Philosophy*. Reprinted in Peg Tittle (ed.), *Ethical Issues in Business: Inquiries, Cases, and Readings*. Peterborough, ON: Broadview Press, 2000, pp. 433–435.

## Op-Eds

Kent A. Peacock and John R. Vokey, “Placebo arms aren’t needed for challenge trials of Covid-19 vaccines.” *Stat* (First Opinion), <https://www.statnews.com/2020/09/03/placebos-arent-needed-challenge-trials-covid-19-vaccines/>

Michael Byers and Kent A. Peacock, “Did climate change destroy the aliens?” *Bulletin of the Atomic Scientists*, June 27, 2019: <https://thebulletin.org/2019/07/did-climate-change-destroy-the-aliens/>

“Sorry, but David Suzuki is Right.” *Lethbridge Herald*, Wednesday, 09 May 2018.

“Climate: Politics or Perception?” *Lethbridge Herald*, Saturday, 09 September 2017, A6.

“Another Zombie Bites the Dust.” *Lethbridge Herald*, Monday, January 5, 2015, A6.

“Why Can’t We Get Over the *Titanic*?” *Lethbridge Herald*, Saturday, 21 April 2012, A4.

“The Real Bottom Line of Energy Extraction.” *Lethbridge Herald*, Saturday, Dec. 3, 2011, A4.

“When Professionals Blow the Whistle.” *Lethbridge Herald*, Saturday, Sept. 24, 2011, A5.

“Is Curiosity-Based Research Useful?” *Lethbridge Herald*, Saturday, Dec. 5, 2009, A5.

## Writing in Progress

I am under contract with Broadview Press to produce an introductory symbolic logic text; working title, *Basic Symbolic Logic*.

Invitation from Lexington Books (Rowman & Littlefield) to submit proposal for monograph on sustainability, evolution, climate, and related issues.

Critical review of the suitability of “net zero” as a climate policy goal.

Monograph on quantum nonlocality and its impact on classical views of spacetime structure and causality. Working title: *The Case for Nonlocality: Space, Time, and Causation in an Entangled Universe*.

## Ongoing Research Topics

Philosophy of biology and ecology: symbiosis and sustainability; symbiosis and evolutionary theory; evolutionary role of human ingenuity; current climate and energy crisis.

Foundations of physics: dynamics of entangled states; the implications of quantum non-Booleanity (entanglement) for the metaphysics of time; critique of “peaceful coexistence” between quantum mechanics and relativity; physical basis of possible alternate energy sources.

Philosophy of time: alternative conceptions of simultaneity; applications of quantum mechanics to understanding the nature of time; critique of “block universe”.

Logic: the applications of denoting phrases to first order predicate logic; relation between quantum computation and quantum logic.

## Honours and Distinctions

Tenured Professor Essay Prize, Annual Meeting of the Canadian Philosophical Association, Congress 2015; for “Reticence vs. Responsibility: Why Climate Scientists Sometimes Need to Think Like Emergency Room Doctors.”

University of Lethbridge Book Awards: 2012, for *Philosophy of Ecology*; 2011, for *The Quantum Revolution*; 2007, for *Mistakes of Reason*.

*The Quantum Revolution: A Historical Perspective* was included in the *Choice* list of Outstanding Academic Titles for 2008, and was also an AAAS *Science Books and Films* Editor’s Choice for 2008.

## Awards and Scholarships

SSHRC (Social Sciences and Humanities Research Council of Canada) Insight Grant; \$50,690 from 2021–26, to study, “Sustainability: The Symbiotic Hypothesis.”

University of Lethbridge CREDO (Community of Research Excellence Development Opportunities) Award, in collaboration with Bryson Brown; \$23,000 to support the project, “Ingenuity, Energy, and Climate Change.” Duration June 1, 2013–Dec. 31, 2015.

University of Lethbridge Internal SSHRC Grant; \$4500 to support the project, “An Epsilon Calculus Without the Epsilon;” awarded April 2012.

University of Lethbridge Research Fund: \$9000 to support project entitled “Can Quantum Mechanics Unblock the Universe?” In collaboration with Dr. Saurya Das, Department of Physics, University of Lethbridge; awarded 8 February, 2010.

University of Lethbridge Internal SSHRC Grant; \$4500 to support research into generalized conceptions of simultaneity; awarded July 2007.

University of Lethbridge Research Fund; \$4424 to support research on bearing of quantum mechanics to the metaphysics of time; awarded Feb. 13, 2006.

Research Excellence Envelope (with matching funding from Dean of Arts and Science, University of Lethbridge); total of \$7000 to fund 3-year acquisition of *Philosopher's Index* for the University of Lethbridge Library.

SSHRC Aid to Occasional Conferences Grant: total of \$10,000, to support Mistakes of Reason: A Conference in Honour of John Woods, held at the University of Lethbridge, April 19– 21, 2002.

SSHRC Standard Research Grant; total of \$27,774 over three years, to support research on quantum nonlocality and related topics. Award effective April 1, 2001.

Research Excellence Envelope; \$8000 to fund University of Lethbridge Delta Group on Global Change (together with J. Woods, B. Brown, P. Viminiz, and M. Stingl).

Social Science and Humanities Research Council Special One-Time Award; \$4000 to support research on quantum nonlocality; November, 1999.

Research Excellence Envelope; requested \$4328 and received \$4000 to support research in philosophy of physics; award announced November, 1998.

University of Lethbridge Research Fund, for research on quantum nonlocality; requested \$4094 and received \$3094; January 20, 1998.

Equipment grant, Social Sciences and Humanities Research Council of Canada (SSHRC) General Research Grant, 1993-94. Requested and received \$3625.

Travel grant to Philosophy of Science Conference, Inter-University Centre for Post-Graduate Studies, Dubrovnik, Croatia, April 1993. SSHRC Internal Competition, University of Western Ontario; requested and received \$2200.

SSHRC Post-Doctoral Fellowship, 1991-93. Value \$27,400 p.a.

SSHRC Doctoral Fellowships, 1989-91. Value \$13,500 p.a.

University of Toronto Open Fellowships, 1987-89. Value \$8000 p.a.

## **Study Leaves<sup>2</sup>**

1 year: Fall 2002–Spring 2003.

6 month: Spring 2012; Fall 2016, Fall 2021.

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<sup>2</sup> Awarded competitively at the University of Lethbridge.



## Associations and Memberships

I am a member of the American Geophysical Union (AGU), the Canadian Philosophical Association (CPA), the Canadian Society for the History and Philosophy of Science (CSHPS), the Canadian Society for Environmental Philosophy (CSEP), the Fusion Energy Council of Canada, Society for Scientific Exploration. and the Society for Exact Philosophy (SEP).

## Conference Organization

I have been co-convenor of several sessions (on climate and related questions) at the American Geophysical Union Fall Meetings, 2013–15. Here is a link to my AGU activities at the Fall 2015 Meeting: <https://agu.confex.com/agu/fm15/meetingapp.cgi/Person/46233>

Program Chair, 48<sup>th</sup> Annual Meeting, Western Canadian Philosophical Association (WCPA), held at the University of Lethbridge, Oct. 21–23, 2011.

In collaboration with Andrew Irvine, University of British Columbia, I organized a conference ('Mistakes of Reason') in honour of John Woods; held at the University of Lethbridge, April 19–21, 2002.

## Conference Presentations, Talks, and Public Appearances<sup>3</sup>

- R     “The Last Loophole in Bell’s Theorem? A *Prima Facie* Problem With Superdeterminism.” To be presented at the Meeting of the Western Canadian Philosophical Association, University of British Columbia, Oct. 22, 2023.
- Commentary on “A Note on ‘The Principle of Contradiction and Symbolic Logic’” by B. Linsky, Meeting of the Western Canadian Philosophical Association, University of British Columbia, Oct. 22, 2023.
- “A critique of the quantum no-communication theorems.” Invited presentation (via Zoom), Canadian Quantum Research Centre, March 27, 2023.
- “Are We COPing out on Climate?” Invited presentation to Southern Alberta Council for Public Affairs, February 23, 2023. URL: <https://youtu.be/eF7wirrtDbs>
- “Quantum Mechanics and the ABCs of Time.” Colloquium Talk, Department of Philosophy, University of Lethbridge, February 10, 2023.
- “‘Where Are They?’ Fermi, Lotka, and the Long Odds of Survival in a Dangerous Universe.” Podcast with Tim Ventura, October 14, 2030. URL: <https://www.youtube.com/watch?v=015Ef4w4IOA&t=1s>
- R     Jodi Newman & Kent A. Peacock, “Hazards: Moral and Climate.” Meeting of the Western Canadian Philosophical Association, University of Manitoba, October 1, 2022.
- “Begging the Signalling Question” (critique of the quantum no-signalling claims). Podcast with Tim Ventura, September 21, 2023. URL: <https://www.youtube.com/watch?v=SVFiIU6exkw>
- “A Problem with Denotation,” World Logic Day Online, Organized by Gillman Payette; January 14, 2022.

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<sup>3</sup>The notation “R” indicates that acceptance was based on a refereed paper, and “A” a refereed abstract.

“Getting Negative About Emissions.” Talk (via Zoom) for Centre de Recherche en Éthique (CRÉ), Université de Montréal, November 30, 2021.

Comment on Nicolas Fillion, “Semantic Layering and the Success of Mathematical Sciences,” Western Canadian Philosophical Association, University of Victoria, November 14, 2021.

- R “On Denotating.” Western Canadian Philosophical Association, University of Victoria, November 14, 2021.

“On Denotating; or, What Part of ‘Indefinite’ Did You Not Understand?” Talk given (online) for World Logic Day Event (organized by Gillman Payette), January 14, 2021.

“5 Questions With Dr. Kent Peacock.” In the University of Lethbridge Public Professor Series At Home. Posted August 5, 2020.

<https://www.youtube.com/watch?v=q32Wf4Al6Og&feature=youtu.be>

- R I had two presentations accepted for Congress 2020, which was to have been held at the University of Western Ontario. For the CPA: “Can Quantum Mechanics Unblock the Universe?” (refereed paper); For CSHPs: “Quantum Realism for Einstein, Bohm, and Smolin: What the Mathematics Allows” (refereed abstract). Both presentations cancelled because of Covid-19 quarantine.

“Can we get to the next level? Climate, constructive fitness, and ingenuity.” Invited presentation for Symposium on Evolution and Climate Change, to be held at the Pacific Division Meeting of the American Philosophical Association, April 8–11, 2020. Cancelled because of Covid-19 quarantine.

“Economy and Climate: Some Talking Points”. Invited presentation to Environment Lethbridge, January 14, 2020.

“The Square Root of Falsehood: Quantum Information and the Paradox of the Liar.” Presentation for World Logic Day, University of Lethbridge, January 14, 2020.

Comment on “Maudlin on the Passage of Time and Fundamental Laws” by Noa Latham. Meeting of the Western Canadian Philosophical Association, University of Lethbridge, October 27, 2019.

Comment on “Representation as Sensorimotor Organization” by Elena Holmgren. Meeting of the Western Canadian Philosophical Association, University of Lethbridge, October 26, 2019.

- R “As Much as Possible, As Soon As Possible: Getting Negative About Emissions.” Meeting of the Western Canadian Philosophical Association, University of Lethbridge, October 26, 2019.

“Green Visions: Living With the Earth System.” Department of Philosophy Colloquium, University of Lethbridge, September 13, 2019.

Comment on “Confirmation of the Minimal Higgs Sector” by Martin King. Meeting of the Canadian Philosophical Association, Congress 2019, University of British Columbia, June 2, 2019.

- A “As Much as Possible, As Soon As Possible: Getting Negative About Emissions.” Meeting of the Canadian Philosophical Association, Congress 2019, University of British Columbia, June 2, 2019.
- A “Can Quantum Mechanics Unfreeze Time?” Meeting of the Canadian Society for the History and Philosophy of Science, Congress 2019, University of British Columbia, June 3, 2019.
- R “Can Quantum Mechanics Unblock the Universe?” Presented at the 47<sup>th</sup> Annual Meeting of the Society for Exact Philosophy, York University, Toronto, Ontario, May 17–17, 2019.
- “The Responsibility of Intellectuals,” presented in the Interdisciplinary Workshop on Protest and Civil Disobedience, University of Lethbridge, March 29, 2019.
- “Where Are They? Fermi, Lotka, and the Long Odds of Survival in a Dangerous Universe.” Department of Philosophy Colloquium, University of Lethbridge, Jan. 31, 2019.
- A Kent A. Peacock, & James Byrne, “Should We Get Negative About Emissions?” Poster Presentation at Fall 2018 Meeting of the American Geophysical Union, New Orleans, LA, Dec. 10–14, 2018.
- Comment on “A Tale of Two Individuality Accounts and Integrative Pluralism,” by Sinan Sencan, Meeting of the Western Canadian Philosophical Association (WCPA), University of Calgary, Oct. 28, 2018.
- R “Can Quantum Mechanics Unblock the Universe?” Meeting of the Western Canadian Philosophical Association (WCPA), University of Calgary, Oct. 27, 2018.
- A “The Dynamics of Entangled States.” Canadian Society for the History and Philosophy of Science, Congress 2018, University of Regina, May 28, 2018.
- “Speed Limit or Speed Bump? Relativity Outside the Light Cone.” Invited presentation to the Department of Physics and Astronomy Colloquium, University of Lethbridge, March 8, 2018.
- “Are We <Bleep>ed? Creativity and the Future of Humanity (if any)”. Colloquium, Department of Philosophy, University of Lethbridge. January 19, 2018.
- “Hell, High Water, and High Hopes.” Talk for Southern Alberta Council of Public Affairs, September 28, 2017.
- R “Existential Elimination Made Easier.” Meeting of the Society for Exact Philosophy, University of Calgary, May 6, 2017.
- “EPR: The Paradox That Won’t Go Away.” Invited talk by Department of Physics and Astronomy, University of Lethbridge; March 9, 2017.
- “Alberta in the Anthropocene.” Public Professor Presentation (Faculty of Arts and Science, University of Lethbridge); Lethbridge City Hall, February 16, 2017. Video and other details at <http://scholar.ulethbridge.ca/kentpeacock/alberta-anthropocene> . OPUS: <https://www.uleth.ca/dspace/handle/10133/4967>
- A James M. Byrne, John Cook, Leanne J. Little, Kent Peacock, Peter Sinclair, & Charles Zeller, “A Comprehensive Climate Science and Solutions Education Curriculum.” Poster Presentation at the 2016 Meeting of the American Geophysical Union, San Francisco, CA, December 12, 2016.

- A M. Bryson Brown, Kent A. Peacock, & James M. Byrne, “Skepticism and Denial: Drawing a Line.” Poster Presentation at the 2016 Meeting of the American Geophysical Union, San Francisco, CA, December 12, 2016.
- R “Virtue in the Anthropocene.” Presented at Western Canadian Philosophical Association/CSEP, University of Alberta, October 30, 2016.
- “The Joys of LaTeX: An Entry Guide for the Potentially Obsessive.” Philosophy Colloquium, Department of Philosophy, University of Lethbridge, Oct. 3, 2016. See <http://scholar.ulethbridge.ca/kentpeacock/latex> .
- Participant in Joint Session CPA/CSEP, “Canadian Environmental Philosophy in the 21<sup>st</sup> Century.” Annual Meeting of the Canadian Philosophical Association, Congress 2016, University of Calgary, May 30, 2016.
- R (With Andrew Tedder), “Identity, Haecceity, and the Godzilla Problem.” Presented at the Annual Meeting of the Canadian Philosophical Association, Congress 2016, University of Calgary, May 29, 2016.
- A “A Different Kind of Rigour: What Climate Scientists Can Learn from Emergency Room Doctors.” Presentation to the Annual Meeting of the Canadian Society for the History and Philosophy of Science, Congress 2016, University of Calgary, May 28, 2016.
- “Virtue in the Anthropocene.” Invited presentation given at CRÉ (Centre de Recherche en Éthique), Université de Montréal, February 16, 2016.
- A (With Michael E. Mann), “If You See Something, Say Something.” Oral presentation at Fall 2015 Meeting of the American Geophysical Union, San Francisco, CA, Dec. 14, 2015. Link: <https://www.youtube.com/watch?feature=share&v=7svsF2iVP-o&app=desktop>
- A “Biogeoeengineering for the Anthropocene.” Poster Presentation at Fall 2015 AGU, December 16, 2015.
- A (With Bryson Brown), “Scientists as Citizens.” Poster Presentation at Fall 2015 AGU, December 16, 2015.
- “‘We’ll Always Have Paris’: Climate, COP21, and Why It Matters.” Philosophy Colloquium, Department of Philosophy, University of Lethbridge, Oct. 16, 2015.
- R “Reticence, Responsibility, and Climate Science: Why Climate Scientists Sometimes Need to Think Like Emergency Room Doctors.” Read at WCPA 2015, Meeting of the Western Canadian Philosophical Association, University of Saskatchewan, Oct. 3, 2015
- “Sustainability: What It Would Take”. Invited presentation, 2015 Calgary Sustainability Conference: Sustainability as Intergenerational Justice,” University of Calgary, June 13, 2015.
- R “Reticence vs. Responsibility: Why Climate Scientists Sometimes Need to Think Like Emergency Room Doctors.” Presented at the Annual Meeting of the Canadian Philosophical Association, Congress 2015, University of Ottawa, June 2, 2015 (plenary session). Recognized as Best Paper by a Tenured Professor by the CPA for 2015.

- A “Where Are They? Fermi, Lotka, and the Long Odds of Survival in a Dangerous Universe.” Presentation given at the Annual Meeting of the Canadian Society for the History and Philosophy of Science, Congress 2015, University of Ottawa, May 30, 2015.
- Comment on “A Computational Model for the Explanation of Fallacies in Logical Reasoning” by Serge Robert and Janie Brisson; for the Annual Meeting of the Canadian Philosophical Association, Congress 2015, University of Ottawa, May 31, 2015.
- “Peaceful Coexistence: A Critical Review.” Invited talk, given at Meeting of the Society for Exact Philosophy, McMaster University, May 24, 2015.
- “An Entangled History: EPR, Bell, and Beyond.” Invited presentation for the Department of Physics and Astronomy, University of Lethbridge, March 12, 2015.
- A (With Michael E. Mann), “Professional Ethics for Climate Scientists.” Oral presentation at Fall 2014 Meeting of the American Geophysical Union, San Francisco, CA, USA, Dec. 15, 2014.
- “End Game on Easter Island: A Sign of Things to Come?” Presentation for SACPA (Southern Alberta Council for Public Affairs), Lethbridge, Alberta, October 30, 2014.
- “Earth Writ Small: A Trip to Rapa Nui, and Some Lessons Learned.” University of Lethbridge, Philosophy Speakers’ Series, September 24, 2014.
- “Hell and High Water: An Evolutionary Story.” Invited presentation at Loma Linda University, California, June 25, 2014.
- A “A Fateful Entanglement: The Dynamics of Entangled States.” Poster Presentation at SEP 2014, the 42<sup>nd</sup> Annual Meeting of the Society for Exact Philosophy, June 22–24, 2014, at the California Institute of Technology.
- “Hell and High Water: An Evolutionary Story.” Invited presentation for the Apeiron Society for the Practice of Philosophy, 2014 Annual Weekend Symposium, University of Calgary Kananaskis Field Station, May 3, 2014.
- Co-convenor (in collaboration with T. Davies-Barnard and Casey Brown) of the session U52A: 400ppm CO<sub>2</sub>: Communicating Climate Science Effectively. Fall 2013 American Geophysical Union Meeting, San Francisco, CA, December 13, 2013.
- A “The Carbon Crisis: An Evolutionary Perspective.” Poster Presentation at Fall 2013 American Geophysical Union Meeting, San Francisco, CA, December 9, 2013.
- A “Reticence vs. Responsibility: Why Climate Scientists Sometimes Need to Think Like Emergency Room Doctors.” Poster Presentation at Fall 2013 American Geophysical Union Meeting, San Francisco, CA, December 9, 2013.
- “An Evolutionary Perspective on the Carbon Crisis; or, Is There Intelligent Life on Earth?” University of Lethbridge, Philosophy Speakers’ Series, Oct. 3, 2013.
- “Alberta and the Carbon Crisis,” presentation for panel discussion on Canada, Climate, Cars, and Carbon, in collaboration with James Byrne, Bryson Brown, and Robert Kalayjian, University of Lethbridge, Sept. 12, 2013.
- “Keeping the Lights On: Physics and the Carbon Crisis,” talk (invited) for the Summer Lecture Series, Department of Physics, University of Lethbridge; Aug. 1, 2013.

- A “A Sense of Urgency: Prediction and Its Influence on Policy-Making,” oral presentation given at the American Geophysical Union Chapman Conference on Communicating Climate Science: A Historic Look at the Future. June 8–13, Snow Mountain Ranch, Granby, CO, USA.
- “Energy, Climate, and Alberta,” talk presented (by invitation) to Southern Alberta Council for Public Affairs (SACPA), January 24, 2013.
- A (With James M. Byrne & Susan McDaniel), “Communicating Climate Change: An Evolutionary Perspective.” Poster presentation at 2012 American Geophysical Union Fall Meeting, San Francisco, CA, December 4, 2012.
- R (With A. J. Tedder), “Identity, Haecceity, and the Godzilla Problem.” Presented at SEP 2012, the 40<sup>th</sup> Annual Meeting of the Society for Exact Philosophy, Ohio State University, Columbus, Oct. 13, 2012.
- “From Toba to the Transistor: Ingenuity and Human Survival.” Department of Philosophy Speakers’ Series, University of Lethbridge, September 27, 2012.
- “Einstein on Separability and the Very Possibility of Science.” 3<sup>rd</sup> Conference of the Canadian Prairie Theoretical Physics Network (CPTPN), First Nations University of Canada, Regina, Saskatchewan, Aug. 21, 2012.
- A “Sustainability as Symbiosis: What Would It Take?” Presented by invitation as part of symposium on “The Human Place In Ecosystems,” IVE Congrès de la Société de Philosophie des Sciences, UQAM, Montréal, June 1, 2012.
- R “Dynamic Entanglement: A New Challenge to Peaceful Coexistence.” Presented at the Annual Meeting of the Canadian Philosophical Association, Congress 2012, Laurier/Waterloo Universities, Waterloo, Ontario, May 29, 2012.
- A “Einstein on Separability and the Very Possibility of Science.” Meeting of the Canadian Society for the History and Philosophy of Science (CSHPS), Congress 2012, Laurier/Waterloo Universities, Waterloo, Ontario, May 28, 2012.
- “Einstein on Separability and the Very Possibility of Science.” Department of Philosophy Speakers’ Series, University of Lethbridge, April 13, 2012.
- Invited participant in panel on Human Ecology, Sixth Annual Peace and Conflict Studies Conference, Munk School of Global Affairs, University of Toronto, January 27–29, 2012.
- “What if Those Neutrinos Really *Were* Going Faster Than Light?” Department of Philosophy Speakers’ Series, University of Lethbridge, November 17, 2011.
- “Dynamics of Entanglement,” presented at CPTPN-2 (second annual meeting of Canadian Prairie Theoretical Physics Network), Augustana College, Camrose, AB, Aug. 25, 2011.
- A “Would Superluminal Influences Violate the Principle of Relativity?” Presented at 14<sup>th</sup> CLMPS (Congress of Logic, Methodology, and Philosophy of Science), Université de Nancy, France, July 20, 2011.
- R “Dynamic Entanglement: A New Challenge to Peaceful Coexistence?” Society for Exact Philosophy, University of Manitoba, Winnipeg, Manitoba, May 27, 2011.

- “Energy Entanglement and Causality in Quantum Mechanics.” Department of Philosophy Speakers’ Series, University of Lethbridge, March 16, 2011.
- “Bell’s Theorem 101; or, Let’s Play Photon?” Talk given by invitation to University of Lethbridge Department of Physics Colloquium, March 10, 2011.
- Comment on “One Second Per Second: The Problem of Temporal Passage,” by Lyle Crawford. Given at the Meeting of the Western Canadian Philosophical Association (WCPA), University of Calgary, Oct. 31, 2010.
- R “Dynamic Entanglement: A New Challenge for Peaceful Coexistence?” Presented at the Meeting of the Western Canadian Philosophical Association (WCPA), University of Calgary, Oct. 30, 2010.
- “What Did J. S. Bell Know that George Boole Did Not?” Talk presented at the first meeting of the Canadian Prairie Theoretical Physics Network (CPTPN), August 26, 2010.
- R “Can Quantum Mechanics Unfreeze Time?” Annual Meeting of the Canadian Philosophical Association, Congress 2010, Concordia University, Montréal, June 2, 2010.
- Comment on “Why I am Not a Quantum Bayesian,” by Morgan Tait. Annual Meeting of the Canadian Philosophical Association, Congress 2010, Concordia University, Montréal, May 31, 2010.
- A “The Three Faces of Ecological Fitness.” Annual Meeting of the Canadian Society for the History and Philosophy of Science, Congress 2010, Concordia University, Montréal, May 30, 2010.
- “Climatic Wake-Up Call,” public lecture in the University of Lethbridge, Department of Philosophy Speakers’ Series, March 4, 2010.
- A “The Three Faces of Fitness,” presented at *The Origin of Species at 150: A Celebratory Conference*, University of Toronto, November 24, 2009; and at the Symposium *Defining Darwinism: 150 Years of Debate*, at the University of Lethbridge, November 12–14, 2009.
- R “Can Quantum Mechanics Unblock the Universe?” Presented at the Meeting of the Western Canadian Philosophical Association (WCPA), University of Regina, Regina, Saskatchewan, Oct. 18, 2009.
- “Justice in a Hungry World,” talk given as part of *Global Justice Week*, organized by the University of Lethbridge Students Union, September 30, 2009.
- R “Quantum Mechanics and the de-Booleanization of Time,” presented at SEP 2009, the 37<sup>th</sup> Annual Meeting of the Society for Exact Philosophy, University of Alberta, Edmonton, Alberta, Canada, May 7, 2009.
- “Probing Spacetime Ontology with Quantum Mechanics,” Research Colloquium, Department of Philosophy, University of Lethbridge, March 6, 2009.
- “It’s Still the Environment — Or Is It?” Public Lecture Series, “Follow the Money: Philosophers Comment on the Economic Crisis,” given by the Department of Philosophy, University of Lethbridge, at the Lethbridge Public Library, February 24, 2009.

- “Quantum Non-Booleanity, Simultaneity, and the Despatialization of Time.” Presented to the Perimeter Institute for Theoretical Physics, Dec. 16, 2008, and at the Department of Philosophy, McMaster University, Dec. 17, 2008.
- “Sustainability as Symbiosis: Roles of Culture and Technology.” Presentation at *The Biosphere: A Scientific Conference*, organized by the Earth System Science Society of Alberta, University of Calgary Nov. 11, 2008.
- R “Taking Symbiosis Seriously,” Meeting of the Western Canadian Philosophical Association (WCPA), University of Alberta, October 25, 2008.
- A Participant in a symposium entitled “Philosophy and Climate Change,” for the Meeting of the Western Canadian Philosophical Association (WCPA), October 26, 2008.
- “My Last Lecture; or, What I Might Say In My Last Lecture If This Were It.” Public lecture in the University of Lethbridge, Department of Philosophy’s Speakers’ Series, Sept. 19, 2008.
- Keynote address and workshops on global warming, presented by invitation at environmental symposium, Piikani High School, Brockett, Alberta, April 24, 2008.
- “Human Ingenuity — Its Care and Feeding, and Why We Need it More Than Ever.” Public Lecture Series, “Questions of Human Nature,” given by Department of Philosophy, University of Lethbridge, at the Lethbridge Public Library, March 3, 2008.
- “Bell’s Theorem and the Bell Telephone — Where We Stand Today.” Invited lecture for Physics Department Colloquium, University of Lethbridge, February 28, 2008.
- Comment on “Hierarchies and Levels of Reality” by P. McGivern and A. Rueger, Western Canadian Philosophical Association. University of Saskatchewan, Saskatoon, Saskatchewan, October 26, 2007.
- R “Definite and Indefinite Articles in Elementary Predicate Logic,” Western Canadian Philosophical Association. University of Saskatchewan, Saskatoon, Saskatchewan, October 26, 2007.
- R “Quantum Mechanics and the Open Future,” Annual Meeting of the Canadian Philosophical Association, University of Saskatchewan, May 31, 2007.
- “Covariant State Reduction; or, Must We Agree to Disagree?” Time and Universe Workshop, University of British Columbia, May 22, 2007.
- R “Definite and Indefinite Articles in Elementary Predicate Logic,” Meeting of the Society for Exact Philosophy (SEP), May 20, 2007, University of British Columbia, Vancouver, BC.
- “Allowing Rather Than Forcing: Population Control for the 21<sup>st</sup> Century,” invited presentation given at Undergraduate Interdisciplinary Biomedical Ethics Conference, University of Lethbridge, February 18, 2007.
- “Environment and Conflict: Can We Break the Vicious Cycle?” Public lecture in *Questions of War and Peace* series, Lethbridge Public Library, November 21, 2006.
- “Recent Untenable Verities of the Human Condition,” paper read at the Tenable Absurdities/Untenable Verities Conference, University of Lethbridge, Nov. 3, 2006.



“Rebooting Physics: Smolin on Strings, Relativity, and the Dark Underbelly of Science,” talk given for the Department of Philosophy Speakers’ Series, University of Lethbridge, Oct. 27, 2006.

“Progress,” invited lecture for Liberal Education 3850, University of Lethbridge, Oct. 10, 2006.

“Time, Gravity, and the Quantum: A Philosopher Takes a Naïve Look at Quantum Gravity,” talk given in the Time and Universe (TaU) Workshop on Time and Quantum Gravity, Concordia University, June 12, 2006.

- A “Quantum Mechanics and the Open Future,” talk given at Second International Conference on the Ontology of Spacetime, Concordia University, June 10, 2006.
- “Who Ya Gonna Call? Philosophy of Science to the Rescue,” talk given in Department of Philosophy Speakers’ Series, University of Lethbridge, March 17, 2006.
- “Radical Blindsight: A Case Study in Philosophical Neuropathology,” read at Tenable Absurdities Conference, University of Lethbridge, November 5, 2005.
- R “Simultaneity and Change in a Relativistic Universe,” read at the Meeting of the Western Canadian Philosophical Association, University of Manitoba, Oct. 9, 2005.
- R “Aristotle’s Sea Battle and the Kochen-Specker Theorem,” read at SEP (Society for Exact Philosophy) 2005: Philosophy, Logic, and Linguistics. University of Toronto, May 20, 2005.
- “Quantum Mechanics and the Open Future,” talk given as part of the Speakers’ Series, Department of Philosophy, University of Lethbridge, January 14, 2005.
- “Quantum Information and Laudauer’s Principle; or, Is Entanglement a Form of Energy?” talk given in Colloquium, Department of Philosophy, University of Alberta, Nov. 26, 2004.
- Comment on “The Futility of Loophole Experiments” by Kirk McDermid, given at Meeting of the Western Canadian Philosophical Association, University of Victoria, Oct. 30, 2004.
- R “Aristotle’s Sea Battle and the Kochen-Specker Theorem,” read at Meeting of the Western Canadian Philosophical Association, University of Victoria, Oct. 29, 2004.
- A “Energy of Entangled States,” Meeting of Canadian Society for the History and Philosophy of Science, Congress of Social Sciences and Humanities, Winnipeg, MN, May 30, 2004.
- Comment on “Functional Reduction in the Physical Sciences?” by A. Rueger, Canadian Philosophical Association Annual Meeting, Congress of the Social Sciences and Humanities, Winnipeg, MN, May 30, 2004.
- R “Simultaneity and the Problem of Change,” Canadian Philosophical Association Annual Meeting, Congress of the Social Sciences and Humanities, Winnipeg, MN, May 29, 2004.
- A “Covariant Simultaneity Relations and the Ontology of Events,” International Conference on the Ontology of Spacetime, Concordia University, May 11, 2004.
- A public debate with Paul Viminiz on the rationality of voting; Department of Philosophy, University of Lethbridge, January 16, 2004.
- “Leaping into the Ingenuity Gap: Ingenuity, Sustainability, and Homer-Dixon,” Department of Philosophy, University of Lethbridge, Nov. 21, 2003.

“What Is Professional Ethics?” Informal lecture given to class on Criminal Justice, Lethbridge Community College, Nov. 4, 2003.

Comment on “Developmental Systems Theory and Causal Capacities” by Jesse Love Hendrikse. Meeting of the Western Canadian Philosophical Association, October 26, 2003.

“Ingenuity, Sustainability, and Homer-Dixon.” Department of Philosophy, McMaster University, January 10, 2003.

“Ingenuity, Sustainability, and Homer-Dixon”. Department of Philosophy, Carleton University, Dec. 6, 2002; Speakers’ Series, Centre of Values and Ethics.

“Relativity and the Now”. Concordia University, December 5, 2002; Montréal Inter-University Seminar on History and Philosophy of Science.

“David Bohm: The Search for Wholeness”. Read to the Logic and Philosophy of Science Group, Department of Philosophy, University of Toronto, November 14, 2002.

Comment on “Species Extinctions, Ecological Models, and Scientific Uncertainty: A Troubling Triad” by Jay Odenbaugh. Meeting of the Western Canadian Philosophical Association, October 27, 2002.

“Toward a New Interpretation of Quantum Mechanics”. Department of Philosophy, University of Lethbridge, October 24, 2002.

- R “Are There Really Laws of Nature?” Read at meeting of the Canadian Philosophical Association, Congress of the Social Sciences and Humanities (CSSH), University of Toronto, May 27, 2002.

“Ecology, Culture, and Sustainability.” Read in symposium on *Philosophical Perspectives on Ecology and Conservation Biology*; chaired by Prof. Jason Robert; meeting of the Canadian Philosophical Association, CSSH, University of Toronto, May 26, 2002.

Comment on “Possible Material Formal Consequence,” by David Hitchcock, Meeting of the Canadian Philosophical Association, CSSH, University of Toronto, May 26, 2002.

“Is the Wave-Function a Logarithm?” Talk given at the Department of Philosophy, University of British Columbia, May 10, 2002.

“Whither Quantum Logic?” (with John Woods). Read in the Workshop on Logical Pluralism, meeting of the Western Canadian Philosophical Association, University of Regina, October 13, 2001.

- R “Are There Really Laws of Nature?” Read at the meeting of the Western Canadian Philosophical Association, University of Regina, October 12, 2001.

“Quantum Nonlocality and Plato’s Theory of Perception; or, Is Grass Really Green?” Read at the Tenable Absurdities Conference, University of Lethbridge, September 28, 2001.

“Sustainability and the Thermodynamics of Symbiosis”. Special invited lecture, Department of Geography, Carleton University, July 31, 2001.

“Why Malthus Was Wrong; or, Will Vice Save us All?” Guest lecture in third year course Development Issues in the South (Instructor, Michael Campbell), Carleton University, July 31, 2001.

- Comment on “Activist Philosophy of Technology and the Preservation of Biodiversity” by Paul Durbin. Read for me at the Meeting of the Society for the Philosophy of Technology, Aberdeen, Scotland, July 2001.
- R “Are There Really Laws of Nature?” Meeting of the Society for Exact Philosophy, Université de Montréal, May 11, 2001.
- “Sustainability as a Manifestation of the Second Law of Thermodynamics.” Speakers’ Series, Department of Philosophy, University of Lethbridge, January 19, 2001.
- R “Dispersion and Bohm’s Ontological Interpretation.” Paper read at the Meeting of the Western Canadian Philosophical Association, Edmonton, Alberta, October 6, 2000.
- (With Brian Hepburn.) “Peaceful Coexistence and Bohm’s Quantum Potential.” Annual Meeting of the Canadian Society for the History and Philosophy of Science, May 26, 2000, Congress of Social Sciences and Humanities, University of Alberta, Edmonton.
- Comment on “Stuck in Bell Factorizabilityville?” by D. Boutillier, Annual Meeting of the Canadian Philosophical Association, May 26, 2000, Congress of Social Sciences and Humanities, University of Alberta, Edmonton.
- “Sustainability as a Manifestation of the Second Law of Thermodynamics.” Talk given at the University of Guelph, March 20, 2000.
- “What is the Speed of Gravity?” Talk on van Flandern’s claim that gravitation propagates faster than light. University of Lethbridge Department of Philosophy Speakers’ Series, Nov. 29, 1999.
- R “Quantum Holism and the Incompleteness of Knowledge”, presented at the Western Canadian Philosophical Association (WCPA) Conference, University of Saskatchewan, Oct. 15, 1999.
- “Staying Out of the Lifeboat: Sustainability, Culture, and the Thermodynamics of Symbiosis”; talk given to BiPed (Biology and Philosophy of Evolution Discussion Group), University of Western Ontario, July 14, 1999; also given to Department of Philosophy, McMaster University, August 16, 1999.
- (With Brian Hepburn.) “Begging the Signalling Question: Quantum Signalling and the Dynamics of Multiparticle Systems.” Meeting of the Society for Exact Philosophy, University of Lethbridge, May 31, 1999.
- “Is it Utterly Hopeless to Do Anything About the Environment?”, a talk given, by invitation, to the Southern Alberta Council on Public Affairs; aired on Shaw Television, Community Cable, Feb. 18, 1999.
- “Kant’s Critical Monadology.” Talk given to the University of Lethbridge Department of Philosophy Speakers’ Series, January, 1999.
- R (With Jan Shepherd) “Knowledge versus Opinion: Two Models of Professionalism.” The Third Annual Laurier Conference on Business and Professional Ethics, Wilfred Laurier University, Waterloo, Ontario, Canada; Oct. 23, 1998.

- R “The Ethics of Symbiosis,” accepted for presentation at the 20<sup>th</sup> World Congress of Philosophy (*Paideia*), held in Boston, MA, 10–16 August 1998. (I was not able to attend; this paper turned into “Symbiosis and the Ecological Role of Philosophy”; see above.)
- “Is the Quantum Potential Dispensable?” Read at Philosophy of Science meeting at the Inter-University Centre, Dubrovnik, Croatia, April 14, 1998.
- “Quantum Holism and the Incompleteness of Knowledge.” Read at the Department of Philosophy, McMaster University, Hamilton, Ontario, January 29, 1998.
- Comment on “Dawkins' Dubious Idea: Just What are Memes, Anyway?” by Dawn Ogden, for Western Canadian Philosophical Association Conference, University of Manitoba, Oct. 26, 1997. (This was read for me by someone else, since I could not attend the conference.)
- “The Search for Wholeness: The Life and Science of David Bohm.” University of Lethbridge, Department of Philosophy Speakers Series, October 22, 1997.
- “Superluminal Transformations in Spacetimes of Definite Metric.” Conference on Causality and Locality in Modern Physics and Astronomy: Open Questions and Possible Solutions. A Symposium to Honour Jean-Pierre Vigi r. August 27, 1997.
- “Peaceful Coexistence, Causality, and the Concept of an Event.” Western Canadian Philosophical Association, University of Lethbridge, Alberta, Nov. 2, 1996.
- “Is the Quantum Potential Dispensable?” Canadian Society for the History and Philosophy of Science Session, Learned Societies Meeting, Brock University, St. Catharines, Ontario, June 1996.
- Invited lecturer, graduate seminar led by Dr. Ron Martin in Environmental Science program, University of Western Ontario, January 30, 1996; talk entitled “Sustainability and the Biophysics of Symbiosis.”
- Invited speaker, Colloquium at the Department of Philosophy, McMaster University, January 16, 1996; talk entitled “Symbiosis, Sustainability, and Environmental Ethics.”
- Invited lecturer, Biology 221a (talk entitled “Sustainability as Mutualism”), University of Western Ontario, Nov. 17, 1995.
- R “Knowledge, Opinion, and Rorty: Non-Conversational Constraints on Inquiry.” Read at the Ontario Philosophical Society Conference, University of Windsor, Oct. 28, 1995.
- Invited guest on “Search/Research” on Community 13 Cable TV, June 16, 1995; topic was “Biophysics of Sustainability.”
- Invited lecture, “Biophysics of Sustainability,” in the Colloquium on Environmetrics at University of Western Ontario, April 11, 1995.
- Invited participant in Colloquium on “Assessing Human Well-Being: A Critical Element of Assessing Progress Toward Sustainable Development.” Sponsored by the Westminster Institute for Ethics and Human Values and the National Round Table on Environment and the Economy. March 24-25, 1995, at the University of Western Ontario.
- R “What Peaceful Coexistence Isn't: Relativity and the Quantum.” Read during Canadian Philosophical Association (CPA) Programme at the Learned Societies Conference, Calgary, Alberta, June 1994.

Comment on “Spinoza and Deep Ecology Revisited” by Karen Houle, CPA Programme, Learned, 1994.

Comment on “Are Classical Mechanics and Quantum Mechanics Time Reversal Invariant?” by Steven Savitt, Canadian Society for the History and Philosophy of Science, Learned, 1994.

R “Symbiosis, Sustainability and Distributive Justice,” read at Conference on Sustainability and Distributive Justice sponsored by *Alternatives*, Westminster Institute for Ethics and Human Values, and the Canadian Society for the Study of Applied Ethics, Learned, 1994.

A “Covariant Quantum State Reduction: A New Hypothesis,” Canadian Society for the History and Philosophy of Science, Learned, 1994.

R “Nonlocal Information in EPR Systems,” read at the American Philosophical Association Eastern Division Meeting, Atlanta, Georgia, December 1993.

R “What Peaceful Coexistence Isn't: Relativity, Nonlocality, and the Quantum,” read at the Ontario Philosophical Society Meeting, Waterloo, Ontario, October, 1993.

Comment on “A Physical Model for Nonlocality and Measurement” by Storrs McCall, Canadian Philosophical Association, Learned, Ottawa, 1993.

A “Signal Locality and the Roy-Singh Inequalities,” Canadian Society for the History and Philosophy of Science, Learned, Ottawa, 1993.

“The Ethics of Symbiosis,” Canadian Philosophical Association symposium on Ecofeminism at the Learned, Ottawa, 1993.

“Peaceful Coexistence, Causality, and the Concept of an Event,” Philosophy of Science Conference, Inter-University Centre for Post-Graduate Studies, Dubrovnik, Croatia, April 1993.

R “A New Look at Simultaneity,” Philosophy of Science Biennial Meeting, Chicago, November 1992.

R “Quantum Nonlocality and the Grandfather Effect,” Ontario Philosophical Society, London, Ontario, October 1992.

Invited participant, Workshop on Sustainable Development, Growth and Distributive Justice, Westminster Institute for Ethics and Human Values, London, Ontario, September 1992.

“Begging the Signalling Question,” Departmental Colloquium, University of Western Ontario, October 1991.

“Peaceful Coexistence or Armed Truce?,” Canadian Society for the History and Philosophy of Science, Learned, Queen's University, May 1991.

Comment on “EPR” by Jeffrey Bub and Alan Hayek, Canadian Philosophical Association, Learned, Queen's University, May 1991.

R “Why All Those Questions...?,” Canadian Graduate Students' Conference, University of Alberta, February 1990.

- R “Two Simultaneities,” Ontario Philosophical Society Conference, Trent University, October 1990.
- “Neither Here Nor There: The Story of Quantum Nonlocality,” Philosophical Forum, Department of Philosophy, University of Toronto, October 1990.
- Invited participant, panel discussion on the environment, Leaders-In-Action (*sic*) Conference at the Metro Convention Centre, Toronto, Ontario, May 1990.
- “Is Relativity Complete?” Canadian Society for the History and Philosophy of Science, Learneds, Laval University, May 1989.
- “Horizon Formation Around an Ultra-relativistic Object,” SPS Symposium of the Annual Meeting of the American Physical Society, Toronto, Ontario, January 1985.

### **Other Professional Activities**

#### *Committee and Administrative Service, University of Lethbridge:*

I have served as Library Representative for the Department of Philosophy, and on the Department of Philosophy’s STP, Chair Selection, and Search Committees. I have also served as an External Member for other departmental Search Committees and on an STP Committee for the Faculty of Fine Arts (Dept. of Music). In 2013–14 I chaired an STP Committee for the Department of Native American Studies. I have served on a number of committees for the Faculty of Arts and Science, including the Degrees Committee (1997–99, 2003– 5), Committee on Liberal Education (1999–2001), Committee on Research and Teaching (2003–5), the Arts and Science Executive (2004–6), the General Liberal Education Requirements (GLER) Committee (2005–7), the Curriculum Committee (2009–11), and the Study Leave Advisory Committee (2012). I have also served as Chair on three MA oral defence committees (for the Faculty of Health Science, and the Depts. of Physics and History), and as Chair for two PhD oral defence committees (Neuroscience and Physics). University committees: I served on the Search Committee for the Vice-President Research, University of Lethbridge (2008–9), and the STP Appeals Committee (2011). For the University of Lethbridge Faculty Association (ULFA) I served on the Nominations Committee in 2002, 2011, and 2017–18; and the Academic Welfare Committee (2004–7). I served as Chair of the Department of Philosophy in the period 2011–14. For 2014–15 I was a regular member of the Search Committee for the Academic Writing Program. For 2015–17 I was the Arts and Science representative on the selection committee for the Distinguished Teaching Award. In 2017 I also served on the Search Committee for the Department of Kinesiology, and as chair of the Chair Selection Committee for the Department of Native American Studies. In 2018 I was elected to a 3-year term as a member of the General Faculties Council (GFC). In Spring, 2021 I served on the Arts and Science STP Committee (for which I received a course relief), and the GFC “Committee of the Whole” that held extensive hearings on various campus restructuring proposals. I currently serve as coordinator of the Priestley Series of public lectures (2019–).

#### *Committee and Administrative Service, University of Western Ontario:*

Coordinator (1993-95) of the Talbot College Microlab at the Departments of Philosophy and Classics at the University of Western Ontario; Faculty of Arts representative (1992-94) on the Steering Committee for the University of Western Ontario Centre for the Renewal of the Global Environment.

### *External Service:*

Society for Exact Philosophy (SEP): Vice-President, 2012–14, President, 2014–16; Past President, 2016–18.

### *Refereeing:*

Journals: *Alternatives*, *British Journal for the Philosophy of Science*, *Canadian Journal of Philosophy*, *The Canadian Geographer*, *The Canadian Journal of Law and Jurisprudence*, *Dialogue*, *Digital Studies/Le Champ Numérique*, *Ecosystem Health*, *International Studies in Philosophy of Science*, *Science in Context*, *Studies in History and Philosophy of Science*, *Synthèse*, *Physics Essays*, and *Physical Review*.

Publishers: Broadview Press, Oxford University Press (Canada), Princeton University Press, Routledge, and the University of Toronto Press.

Professional Associations: Canadian Philosophical Association, Ontario Philosophical Society, the Society for Exact Philosophy, and Western Canadian Philosophical Association.

Granting Agencies: The Social Sciences and Humanities Research Council of Canada.

## **Thesis Supervision and Advising**

### *Graduate, External*

Reviewer for a PhD thesis in environmental philosophy, University of Kwazulu-Natal, Durban, South Africa (2018).

### *Graduate, University of Lethbridge*

Reviewer on PhD in Cultural, Social and Political Thought by F. G. R. Lopa, University of Lethbridge. (Supervisor, Dr. Dan Johnson.) Defence expected May 2023.

Advisor on PhD in Geography by Roya Mousavi (in progress). (Supervisor James Byrne, Department of Geography.)

Advisor on MSc in Chemistry by Sugatha Kameleswaran (currently on hold). (Supervisor Paul Hazendonk, Department of Chemistry and Biochemistry, University of Lethbridge.)

Advisor on MA thesis in Philosophy by Thiago Ladiera. (Supervisor Victor Rodych, Department of Philosophy, U of Lethbridge.) Title: “Describing Mathematics without Revision: Wittgenstein's Radical Constructivism”. Defended December 22, 2020.

Advisor for PhD thesis in Theoretical Physics by Vasil Todorinov (supervisor Saurya Das, Dept. of Physics & Astronomy, U of Lethbridge). Title: “Relativistic Generalized Uncertainty Principle and its Implications”. Defended December 9, 2020.

Advisor on MA thesis in Philosophy by Jason Schultchen; defended April 18, 2020. (Supervisor Bryson Brown, Dept. of Philosophy, U of Lethbridge.)

Reader on PhD thesis by Shaghayegh Mirmasoudi, Department of Geography; Defended Oct. 5, 2018.

Supervisor for Jessica Oddan, MA thesis in Philosophy: “Philosophy and Physics: A Reconciliation.” Defended June 15, 2017. OPUS: <https://www.uleth.ca/dspace/handle/10133/4898>

External Advisor for Pasquale Bosso, PhD in Physics (phenomenology of quantum gravity); defended August 23, 2017. (Dr. Bosso was awarded the 2018 University of Lethbridge PhD Medal of Merit.)

External Advisor for Matthew Robbins, MSc in Physics (theoretical); defended July 25, 2017.

Advisor for Steven Firth, MA in Philosophy (on ethics of disability); defended December, 2015.

External Advisor for Andrew Urichuk, MSc in Physics (on aspects of Conformal Field Theory); defended August, 2015.

External Advisor for Jonathan Reich, MSc in Environmental Science (on fungal pathogens); defended August, 2015.

External Advisor for Soumen Deb, MSc in Physics (on quantum gravity); defended January, 2015.

External Advisor for Ahmed Farag Ali, PhD in Physics: “Aspects of Quantum Gravity.” Defended January 20, 2012.

Scott Jones; supervision of MA thesis “Critical Realist Philosophy for Science”, defended December, 2002.

James King, supervision (2001–2) of MA thesis “On Diagonal Argument, Russell Absurdities, and an Uncountable Notion of *Lingua Characteristica*,” commenced Spring 1999. I remained an Advisor on this thesis, which was defended January 23, 2004.

James Morris; advisor on MA thesis “The Metaphysician’s Free Lunch,” (a critique of modal realism); defended Spring, 2001.

External Advisor for Lorraine Beaudin (Faculty of Education); MA (on “Computer Expertise and Classroom Practice”); defended Spring, 1998.

#### *Undergraduate, University of Lethbridge*

Supervisor for Dillon St. Jean, Honours Thesis in Philosophy (on the Kyoto School of Philosophy); defended August 25, 2017.

Supervisor for Dean Coslovi, Honours Thesis in Philosophy (on the mind-body problem); defended December, 2015.

Supervisor for Pamela Lindsay, Honours Thesis in Philosophy (on “Rhetoric of the Climate Crisis”); defended August, 2015.

Supervisor for Maxime Chambers-Dumont, Honours Thesis in Philosophy (on climate and sustainability); (defended April 2015).

Supervisor for Jessica Oddan, Equivalent-to-Honours Thesis in Philosophy (on foundations of quantum mechanics); defended April, 2015.

Supervisor for Stephen McGlenn, Honours’ Thesis in Philosophy (on aboriginal approaches to the environment); defended April, 2010.

Supervisor for Sheldon Chow, Honours Thesis in Philosophy (on realism in quantum mechanics); defended April, 2004.



Supervisor for Ethan Toombs, Honours Thesis (on models of scientific change); defended April, 2002.

Supervisor for Blair Peruniak, Honours Thesis in Philosophy (on deep ecology); defended April, 2002.

Supervisor for Jennifer Woodrow, Equivalent-to-Honours Thesis, “Validating Induction: The Justificatory Role of Non-Justifiability”; defended Spring, 2000.

Supervisor for Brian Hepburn, Equivalent-to-Honours Thesis, “What a Difference Ontology Makes: A Clarification of Bohm’s Potential”; defended Spring, 2000.

Supervisor of Scott Jones, Equivalent-to-Honours Thesis, “And In Arcadia I...”; defended Spring, 1999.

Second Reader on Honours Theses in Philosophy for Caleb Lee (defended May 2007), Yual Chiek (defended August 2005); Michael Gabriel (defended May 2004).

Second Reader on Equivalent-to-Honours Theses in Philosophy for Peter Casurella, (on a critique of the argument by design), defended April, 2010.

## **Detailed Teaching Experience**

### *Instructorships (University of Lethbridge):*

Spring 2024: Ancient Philosophy (Phil 2010); Symbolic Logic I (Logic 2003A).

Fall 2023: Philosophy of Physics (Phil 4000A); Philosophy of Mind (Phil 2220A).

Spring 2023: Environmental Philosophy (Phil 2236A); Symbolic Logic I (Logic 2003A).

Fall 2022: Climate: Philosophy, Policy, and Possibility (Phil 3000); World View of Modern Science: Space, Time, and Matter (Phil 2234A).

Spring 2022: Environmental Philosophy (Phil 2236); Symbolic Logic I (Logic 2003A).

Fall 2021: Study Leave.

Spring 2021: Environmental Philosophy (Phil 2236); two IS in Intermediate Logic. (Course relief for service on Arts and Science STP Committee.)

Fall 2020: Introduction to Philosophy (Phil 1000C); Symbolic Logic I (Logic 2003A).

Spring 2020: Sustainability (Phil 4000A); Philosophy of Science (Phil 3412A).

Fall 2019: Symbolic Logic I (Logic 2003A); Metaphysics (Phil 3260A).

Spring 2019: Symbolic Logic II (Logic 3003A); 18<sup>th</sup> Century Philosophy (Phil 3409A).

Fall 2018: Symbolic Logic I (Logic 2003A); Philosophy and the World View of Science: Space, Time and Matter (Phil 2234A).

Spring 2018: Symbolic Logic I (Logic 2003A); Rhetoric and Reality: Critical Thinking in the Post-Fact Age (Logic 2500).

Fall 2017: Philosophy of Time (Phil 4000).

Spring 2017: Symbolic Logic I (Logic 2003A); Ancient Philosophy (Phil 2010A).

Spring 2016: Albert Einstein, Philosopher-Scientist (Phil 3000A); Symbolic Logic I (Logic 2003A).

Fall 2015: Metaphysics (Phil 3260A); Environmental Philosophy (Phil 2236A).

Spring 2015: Symbolic Logic I (Logic 2003A); Environmental Philosophy and the Climate Crisis (Phil 4000A).

Fall 2014: Ancient Philosophy (Phil 2010A); 18<sup>th</sup> Century Philosophy (Phil 3409A).

Spring 2014: Symbolic Logic I (Logic 2003A); Metaphysics (Phil 3260A).

Fall 2013: Introduction to Philosophy (Philosophy 1000C).

Spring 2013: Introduction to Critical Thinking (Logic 1000A).

Fall 2012: Symbolic Logic I (Logic 2003A); 18<sup>th</sup> Century Philosophy (Phil 3409A).

Fall 2011: Symbolic Logic I (Logic 2003A).

Spring 2011: Environmental Philosophy (Phil 2236A); Introduction to Ancient Philosophy (Phil 2010A).

Fall 2010: Critical Thinking (Logic 1000A); Symbolic Logic I (Logic 2003A).

Spring 2010: Philosophy of Time (Phil 4000A); Introduction to Philosophy (Phil 1000C).

Fall 2009: Metaphysics (Phil 3260A); Symbolic Logic I (Logic 2003A).

Spring 2009: Introduction to Philosophy (Phil 1000C); Symbolic Logic II (Logic 3003A).

Fall 2008: Environmental Philosophy (Phil 2236A); Symbolic Logic I (Logic 2003A).

Spring 2008: Metaphysics (Phil 3260A); Albert Einstein, Philosopher-Scientist (Phil 3000A).

Spring 2007: Introduction to Philosophy (Phil 1000A); Environmental Philosophy (Phil 2236A).

Fall 2006: Symbolic Logic I (Logic 2003A); 18<sup>th</sup> Century Philosophy (Phil 3409A).

Spring 2006: Introduction to Philosophy (Phil 1000B); Symbolic Logic I (Logic 2003A).

Fall 2005: Philosophy of Mind (Phil 2220A); Biomedical Ethics (Phil 3402N).

Spring 2005: Plato's Republic (Phil 3000A); Introduction to Philosophy (Phil 1000B).

Fall 2004: Symbolic Logic I (Logic 2003A); Environmental Philosophy (Phil 2236A).

Spring 2004: Philosophy of Ecology (Phil 3000A); Metaphysics (Phil 3260A); Symbolic Logic I (Logic 2003A).

Fall 2003: Introduction to Philosophy (Phil 1000N); Business Ethics (Phil 3406B).

Summer I 2002: Sustainability in the 21<sup>st</sup> Century (Phil 2000A).

Spring 2002: Introduction to Logic (Logic 1000A); Introduction to Philosophy (Phil 1000A); Quantum Logic and Computation (Logic 4500A).

Fall 2001: Introduction to Logic (Logic 1000B); 17<sup>th</sup> Century Philosophy (Phil 2030A).

Summer I 2001: Philosophy of Technology (Phil 2000A).

Spring 2001: Metaphysics (Phil 3260); 18<sup>th</sup> Century Philosophy (Phil 3409); Introduction to Philosophy (Phil 1000A) (co-taught with Dr. Paul Viminiz).

Fall 2000/Spring 2001: Coordinator (in collaboration with Prof. Mark Walton) of Arts and Science 1001/1002.

Fall 2000: Environmental Philosophy (Phil 2236); Deviant Logic (Logic 3001).

Summer I 2000: Philosophical Challenges of the New Millennium (Phil 2000).

Spring 2000: Philosophical Challenges of the New Millennium (Phil 2000); Introduction to Logic (Logic 1000A); Introduction to Philosophy (Phil 1000D) (co-taught with Dr Paul Viminiz).

Fall 1999/Spring 2000: Coordinator (in collaboration with Prof. James Tagg) of Arts and Science 1001/1002.

Fall 1999: 17<sup>th</sup> Century Philosophy (Phil 2030); Business Ethics (Phil 3406).

Summer I 1999: Philosophical Challenges of the New Millennium (Phil 3000A); Summer III 1999: Minds, Machines, Gödel and God (Phil 3000D).

Spring 1999: Philosophy of Biology (Phil 3000A); 18<sup>th</sup> Century Philosophy (Phil 3409A).

Fall 1998: Environmental Philosophy (Phil 2236A); Metaphysics (Phil 3260A); Inductive Logic (Logic 2001A).

Summer 1998: Introduction to Philosophy (Phil 1000).

Spring 1998: Philosophy of Science (Phil 3000B), Introduction to Philosophy (Phil 1000B), Environmental Philosophy (Phil 3000C).

Fall 1997: Philosophy of Biology (Phil 3000A), Introduction to Logic (Logic 1000B).

Summer 1997: Philosophy of Culture (Phil 3000B).

Spring 1997: Environmental Philosophy (Phil 2000A), Introduction to Philosophy (Phil 1000B).

Fall 1996: Metaphysics (Phil 3060), Philosophy of the 17th and 18th Centuries (Phil 2030), Introduction to Logic (Phil 1000A).

Summer 1996: Introduction to Ancient Philosophy (Phil 2010), Philosophy of Culture: Philosophical Issues of the Information Age (Phil 3000D).

*Independent Studies Courses (University of Lethbridge):*

I usually teach one or two independent studies courses every year; details available on request.

*Instructorships (University of Western Ontario):*

Philosophy of Physics (Combined Undergrad/Graduate Seminar, Phil 470G), Winter 1996.

Philosophy of Science (Correspondence Course through Mediated Learning, Phil 134E), 1995-96.

Reasoning and Critical Thinking (Phil 021E), Intersession (May-July) 1995.

History of Science (Phil 227E), Faculty of Part Time and Continuing Education, 1994-95.

Introduction to Philosophy (Phil 020E), 1994-95.

Introduction to Environmental Philosophy (Phil 191A/192B), Winter 1994, Fall 1994/Winter 1995.

Engineering Ethics and Environmental Concerns (ES212F/G), Fall 1993/Winter 1994; Fall 1994/Winter 1995, Fall 1995/Winter 1996, Faculty of Engineering Science. (Co-taught with Prof. Jan Shepherd, Fall 1994 to Winter 1996.)

Metaphysics of Time (Graduate Seminar), Fall 1993.

Topics in Quantum Mechanics (Graduate Seminar), Fall 1993.

Introduction to Environmental Philosophy (Phil 191A), Fall 1992.

Introduction to Ethics and Value Theory (Phil 201G), Winter 1992.

Introduction to Theory of Knowledge (Phil 200F), Fall 1991.

*Instructorships (Huron College, University of Western Ontario):*

Special Topics — Philosophy of Biology (Phil 474F), Fall 1995.

Special Topics — Metaphysics and Philosophy of Biology (Phil 475G), Winter 1996.

Introduction to Ethics and Value Theory (Phil 201G), Winter 1996.

*Instructorships (University of Toronto):*

Modern Symbolic Logic (PHL 245S), 1991; Environmental Ethics (PHL 273S), 1990.

*Teaching Assistantships (University of Toronto):*

Science & Pseudo-Science (PHL 255S), Medicine, Morality and the Law (PHL 281F), Set Theory (PHL 345S), Intermediate Logic (PHL 349S), Logic, Knowledge and Reality (PHL 100Y), Philosophy of Logic and Mathematics (PHL 346H), Intermediate Logic (PHL 345S).

### **Other Employment and Interests**

I have previously worked as administrative assistant (at the Ontario Centre for Large Scale Computation, University of Toronto), and (among other things) as an architectural draughtsman, carpenter, and truck driver. My *de facto* hobby is renovating my elderly house.