

CURRICULUM VITAE

Allen Stairs

February 15, 2013

1. Personal Information

Education

B.A., University of New Brunswick, 1973. M.A. in Philosophy, University of Western Ontario, 1975. Ph.D. in Philosophy, University of Western Ontario, 1978.

Employment History

1979 - 1984: Assistant Professor, Department of Philosophy, University of Maryland at College Park.

January - June 1982: Visiting Assistant Professor, Department of Philosophy, University of Minnesota.

1984 - 2012: Associate Professor, Department of Philosophy, University of Maryland at College Park.

January - June 1990: Visiting Associate Professor, Department of Philosophy, The Johns Hopkins University.

2012- present: Professor, Department of Philosophy, University of Maryland at College Park.

2. Research, Scholarly, and Creative Activities

Books.

Books authored.

A Thinker's Guide to the Philosophy of Religion, **Allen Stairs** and Christopher Bernard, Longman, 2006

Chapters in books.

"The EPR Illusion," Allen Stairs, in *Analysis and Interpretation in the Exact Sciences: Essays in Honor of William Demopoulos*, Robert Disalle, Mélanie Frappier and Derek Brown (eds), Western Ontario Series in Philosophy of Science, Springer, 2012, pp. 235-244.

"Kriske, Tupman and Quantum Logic: The Quantum Logician's Conundrum," in Demopolous, W and Pitowsky (eds.) *Physical Theory and its Interpretation*, Western Ontario Series in Philosophy of Science, Springer, 2006., pp. 253-272.

"Religious Diversity and Religious Belief," in *God Matters*, Raymond Martin and Christopher Bernard (eds.) Longman 2003

"The Quantum World?" *The Experience of Philosophy*, Third Edition D. Kolak and R. Martin (eds.) Wadsworth 1995

"Quantum Mechanics, Mind and Self," in *Self and Identity*, D. Kolak and R. Martin (eds.) MacMillan, 1990.

Articles in Refereed Journals

"Quantum Interactions with Closed Timelike Curves and Superluminal Signaling," **Jeffrey Bub** and Allen Stairs, *Physical Review A* v 89, n. 2 2014, 02231.

"Correlations, Contextuality and Quantum Logic," **Allen Stairs** and Jeffrey Bub, *Journal of Philosophical Logic*, v 42, n. 3, 2013, pp. 483-499.

"A Loose and Separate Certainty: Caves, Fuchs and Schack on Probability One," Allen Stairs, *Studies in History and Philosophy of Modern Physics*, 2011, pp. 158-166.

"Contextuality and Nonlocality in 'No Signaling' Theories" **Jeffrey Bub** and Allen Stairs, *Foundations of Physics*, 2009, pp. 690-711.

"POVMs and Hidden Variables," Allen Stairs *Physics Letters A*, v. 365 n. 4, June 2007 pp. 268-272.

"On Local Realism and Commutativity" **Allen Stairs** and Jeffrey Bub, *Studies in the History and Philosophy of Modern Physics* 38, December 2007 pp. 863-868.

"Local Realism and Conditional Probability," **Allen Stairs** and Jeffrey Bub, *Foundations of Physics*, Feb 14, 2006 pp. 1-17.

"The Metaphysics of Contextualism: Cut and Paste with Hilbert Space," Allen Stairs, *PSA 1992*, vol. 11 (proceedings of the 1992 Biennial Meeting of the Philosophy of Science Association) pp. 91 - 103

"On Arthur Fine's Solution to the Measurement Problem" *Foundations of Physics Letters*, v.5 no. 2 1992.

"Jarrett's Locality Condition and Causal Paradox," Allen Stairs, *PSA 1988*, vol. II (proceedings of the 1988 Biennial Meeting of the Philosophy of Science Association), pp. 318-325.

"Bub on Continuous Geometry and Quantum Logic," Allen Stairs, *The British Journal for the Philosophy of Science*. 1985, pp. 313 - 324.

"Sailing into the Charybdis: van Fraassen on Bell's Theorem," Allen Stairs, *Synthese*, vol. 61, December 1984.

"Quantum Logic, Realism and Value-Definiteness," Allen Stairs, *Philosophy of Science*, December (1983), pp. 578-602.

"On the Logic of Pairs of Quantum Systems," Allen Stairs, *Synthese* 56 1983, pp. 47-60.

"Quantum Logic and the Lüders Rule," Allen Stairs, *Philosophy of Science* 49, June 1982, pp. 422-435.

"On Arthur Fine's Interpretation of Quantum Mechanics," Allen Stairs, *Synthese* **42** (1979), pp. 91-100.

"Rosenberg, Rules and Regularities," Allen Stairs, *Dialogue* V. XVIII, No. 3, 1979, pp. 418 - 420.

Forthcoming

"Could Logic be Empirical? The Putnam-Kripke Debate," Allen Stairs, forthcoming in *Logic and Algebraic Structures in Quantum Computing and Information*, Jennifer Chubb Reimann, Valentina Harizanov, Ali Eskandarian, Lecture Notes in Logic series, Cambridge University Press.

Book Reviews, Other Articles, and Notes

Review of Charles Talliaferro and Jil Evans (eds.) *Turning Images in Philosophy and Science*, Allen Stairs, Notre Dame Philosophical Reviews, June 8, 2012.
<http://ndpr.nd.edu/news/31248-turning-images-in-philosophy-science-and-religion-a-new-book-of-nature/>

Review of Mark Johnston *Saving God: Religion After Idolatry*. Allen Stairs, *Philosophy in Review* vol. 32 no. 4 (2012) pp. 285–287.

"Critical Study of R. I. G. Hughes' *The Structure and Interpretation of Quantum Mechanics* and *Philosophical Consequences of Quantum Theory*, James Cushing and Ernan McMullin (eds.), Allen Stairs, *Synthese*, vol. 86 January 1991, pp. 99-122.

Critical Study of David Lewis's *On the Plurality of Worlds*, Allen Stairs, *Philosophy and Phenomenological Research*, December 1988, pp. 333-352

Review of John S. Bell, *Speakable and Unspeakable in Quantum Mechanics*, Allen Stairs, *Isis*, Vol. 80, No. 1 (Mar., 1989), pp. 157-158

Review of Michael Redhead, *Incompleteness, Nonlocality and Realism*, Allen Stairs, *The Philosophical Review*, Vol. 99, No. 2 (Apr., 1990), pp. 275-277

Review of Peter Gibbins, *Particles and Paradoxes*, Allen Stairs, *Philosophy of Science*, Vol. 56, No. 4 (Dec., 1989), pp. 712-714

Review of Rachel Wallace Garden, *Quantum Mechanics and Modern Logic*, Allen Stairs, *Journal of the History and Philosophy of Logic*.

Review of John L. Krige, *Revolution and Discontinuity*, **Allen Stairs** and Roger Paden, *The Philosophical Review*, Vol. 94, No. 1 (Jan., 1985), pp. 120-123.

Review of Patrick Suppes (ed.) *Studies in the Foundations of Quantum Mechanics*, Allen Stairs, *Philosophy of Science*, September 1982, pp. 481-484.

Review of G. Toraldo di Francia (ed.) *Problems in the Foundations of Physics*, Allen Stairs, *Journal of the History and Philosophy of Logic*, Spring, 1982.

Review of William R. Shea (ed.), *Basic Issues in Philosophy of Science*, **William Demopoulos** and Allen Stairs *Dialogue*, V. xviii, No. 3, 1979, 921-925

(Popular Articles)

"Number Magic or Arithmetricks?" *Washington Post*, April 8, 1998.

"Beware the Power of Lurid Examples," *Washington Post*, August 14, 1996.

"Some People are More Entitled to Their Opinions Than Others," *Washington Post*, March 13 1996.

Talks, Abstracts, and Other Professional Papers Presented.

Professional Presentations, talks presented at Universities.

"DCTCs, PCTS and Superluminal Signaling," **Jeffrey Bub** and Allen Stairs, invited lecture, *Quantum Mechanics Seen Through Closed Timelike Curves*, Fondation des Treilles, Tourtour France, June 2013.

"Poking and Prodding the Pusey-Barrett-Rudolph Result," invited lecture, *New Directions in the Foundations of Physics*, Washington D.C. 2012.

"How Spooky is Einstein's 'Spooky Action at a Distance'?", Amherst College, November 2010.

"Could Logic be Empirical?" invited paper, Associate for Symbolic Logic, April 2010.

"Quantum Logic and Contextuality" (with Jeffrey Bub) invited paper, *Logics Inspired by Quantum Computation*, Indiana University, Bloomington, May 2009

"Why Quantum States are Strange," Union College, January 2009.

"The EPR Illusion," Seminar on quantum foundations, *Perimeter Institute for Theoretical Physics*, Dec. 2008.

"A Loose and Separate Certainty," Conference in honor of Prof. William Demopoulos, University of Western Ontario, May 2008.

"Patchwork Humeanism," University of Victoria, September 2008.

"Quantum Mechanics, Probability and Subjective Certainty," University of Maryland, Fall 2008.

"POVMs and Hidden Variables," University of Western Ontario, December 2006, Perimeter Institute for Theoretical Physics, December 2006, University of Maryland Committee on Philosophy and the Sciences, September 2006

"Quantum Mechanics and Humean Supervenience," Department of Philosophy, Rhodes University, Grahamstown South Africa, August 2006

"Religious Diversity," Department of Philosophy, Oberlin College, 2003.

"Between Theory and Fiction: Einstein's Theories and Einstein's Dreams" Public lecture, University of Maryland, April 9, 1997.

"Magic and Mathematics: Numbers and the Fabric of the World," *Societas Magica* meeting. Medieval Society, Kalamazoo Michigan, May 1996.

"Naturalism and Supernaturalism," Capital City Philosophy Conference, American University, March 1996.

"Symmetrical Worlds, A Priori Principles and Necessary Connections" Pacific Division meetings of the American Philosophical Association, San Francisco, March 1995.

"Truth and Particularity: Comments on Lynne McFall" University of Maryland Conference on Aesthetics and Ethics, April 1994

"Why Quantum Mechanics is Puzzling to Philosophers," University of New Brunswick, March 1992.

"Is Materialism a Necessary Truth?" University of New Brunswick, March 1992.

Invited Comments on RIG Hughes, Princeton University November 1991.

"The GHZ-Mermin Theorem", The University of Western Ontario, October 1991.

"Arthur Fine's Solution to the Measurement Problem", University of Toronto, October 1991

"Bell's Theorem: What We Still Don't Know", J.S. Bell Memorial Symposium, University of Maryland at College Park, April 1991.

"Arthur Fine's Solution to the Measurement Problem", University of California, Davis, April 1991.

"Incompleteness and Superluminal Signaling", comments on Martin Jones and Robert Clifton, APA Pacific Division, March 1991.

"Contextualism and the Metaphysics of Non-locality", Invited paper, American Philosophical Association, Pacific Division Meetings, March 1990.

"Is Materialism a Necessary Truth?" Northern New England Philosophy Association, October 1989.

"Causal Paradox, Tachyon Circuits and Quantum Holism," Department of Philosophy, University of Florence, February 1988.

"The Real Realist Issue in Bell's Theorem," Interdepartmental Center for Research in the Epistemology and Philosophy of Science, University of Bologna, City of Cesena, February, 1988.

"Possible Worlds and the Principle of Plenitude," University of Maryland/Johns Hopkins Annual Colloquium, May 1987.

"The Metaphysics of Non-Localty," Invited paper, American Philosophical Association, Central Division Meetings, April 1987.

"Quantum Logic and Probability," Invited paper, Stanford University Conference on Foundations of Quantum Mechanics, February 1985.

Invited comments on Stephen Leeds, "Chance, Realism and Quantum

Mechanics,"December 1984 meeting of the American Philosophical Association.

Invited comments on Richard Boyd, "Homeostatic Mechanisms and Natural Kinds,"Oberlin Conference in Philosophy, April 1983.

"Method in Philosophy," presented to Phi Delta Kappa Professional Education Fraternity, April 1983.

"Quantum Logic and Locality," University of Maryland, October 1982. Philadelphia Logic Colloquium, November 1982.

Invited Comments on "Russell and Maxwell on Structural Realism," Mark Ward, Conference on Russell's Philosophy of Science, University of Minnesota, June 1982.

"Realism and Quantum Logic," Society for Exact Philosophy, March 1982.

"Putnam's Argument Against Realism," American Philosophical Association Eastern Division, December 1980

"Does Quantum Mechanics Involve Instantaneous Action at a Distance?" University of Maryland, November 1979.

"On Einstein's Interpretation of Quantum Mechanics," University of Calgary, March 1979, CPA, June

" Quantum Logic: Some Questions," CPA, June 1977.

"Newcomb's Problem and Human Choice," Canadian Philosophical Association (CPA), June 1976.

Popular Presentations

Six-week series *Philosophy: The Great Debates* Smithsonian Museum Resident Associates Program, Spring 2008.

Six-week series *Who Are We, What Can We Do?* Smithsonian Museum Resident Associates Program, Fall 2007.

Six-week series *Physics and Metaphysics* Smithsonian Museum Resident Associates Program, Spring 2007

Six-week series *The Art of Thinking* Smithsonian Museum Resident Associates Program, Fall 2006

Six-week series *A Thinker's Guide to Religious Belief*, Smithsonian Museum Resident Associates Program, Spring 2006.

"Faith," Public Lecture, St. Andrew's Episcopal Church, December 2006.

"Politics, Religion and Morality," Public lecture, St. Columba's Episcopal Church, Washington DC, January 2006.

Contracts and Grants.

National Science Foundation grant, summer 2008 (approx \$6,000)
STARS Research Planning Grant 2007 (with James Reggia; approx. \$10,000 each)
University of Maryland General Research Board Summer Fellowship, 2006
National Science Foundation Summer Research Award, 1988 (approx. \$3500)
Howard Foundation Fellowship, 1985 – 1986 (replaced salary for the year)
University of Maryland Semester Research Grant, Fall 1984
University of Maryland General Research Board Summer Fellowship, 1980
Dalhousie Killam Postdoctoral Fellowship, 1978 – 1979

Fellowships, Prizes, and Awards.

Lilly Center for Teaching Excellence Fellowship, 2011-2012
Center for Teaching Excellence Improvement of Instruction Grant, Summer 2008.
American Council of Learned Societies Contemplative Practice Fellowship, 2006-2007 (approx. \$5000)
Montgomery County Humanities Council Fellowship, 2003-04 (approx. \$2000)
Freeman Foundation Curriculum Transformation Project, Summer 2005
Lilly Center for Teaching Excellence Fellowship, 1995-96
Curriculum Transformation Project, University of Maryland, Summer 1991

Editorships, Editorial Boards, and Reviewing Activities for Journals and Other Learned Publications.

Referee for *Philosophy of Science*, *Journal of Philosophical Logic*, *Foundations of Physics*, various other journals

Teaching, Mentoring, and Advising

Courses taught in the last five years.

Philosophy of religion, Philosophy of Physics, Introduction to Logic, Personal Identity, Physics and Metaphysic, Spooky Action at a Distance,

Course or Curriculum Development.

Recently developed a new i-Series Course: Spooky Action at a Distance.

Manuals, Notes, Software, Webpages, and Other Contributions to Teaching.
Textbook (noted under *Books*) in philosophy of religion. Have also developed an entirely online version of Introduction to Logic

Advising: Other Than Research Direction.

- i. Undergraduate.
Have advised scores of undergraduates over three-plus decades
- ii. Graduate.
Have been academic advisor to several graduate students.
- iii. Other advising activities (advising student groups, special assignments, recruiting, faculty mentorship, etc.)
Am faculty advisor to the Pagan Student Union

Advising: Research Direction.

Undergraduate.

Directed honors thesis for Roy Levy, 2001

Doctoral.

Mario Alai, PhD 1989 *A Critique of Putnam's Anti-Realism*,

Patricia Ann Ross, PhD 1996 *Physicalism and the Philosophy of Science: Incommensurable Properties and Methodological Questions*

Christopher William Thomas Bernard, PhD 2008 *Views of God and Evil: A Perspectival Approach to the Argument from Evil*,

Service

Professional.

Paid consultancies

Manuscript review for Thompson, Person, McGraw-Hill

Campus.

Departmental

Chair, Committee on the History and Philosophy of Science, Jan 1989 – Sept 1990

Director of Undergraduate Studies, Jan 1993- August 1999

Associate Chair, Sept. 1999 – present

includes (but not limited to)

serving as scheduling officer/coordinating with scheduling office

coordinating with Extended Studies

constructing all teaching schedules

recruiting adjuncts, writing contracts

coordinating with relevant departmental committees

working with graduate students on immigration matters

serving as Chair *pro tem* when the Chair is absent
dealing with a variety of day-to-day administrative matters
as they arise

Ombudsman, various semesters

Served on a variety of departmental committees, including
Chairs' Advisory Committee, multiple years
Salary Committee, multiple years
Curriculum Committee, multiple years
Space committee (renovation of Skinner Building)

College

Committee on the New Technologies
Collegiate Council
PPC committee (including one year as chair)

various search committees

(Philosophy Chair, Business Manager for COMM/CLAS/PHIL,
Associate Dean)

University

University Senate
CORE committee
Math and Formal Reasoning Gen Ed committee