

Curriculum Vitae
Mathias Frisch

Date: February 10, 2014

1. Personal Information:

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Chevy Chase, MD 20815

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<http://www.philosophy.umd.edu/Faculty/mfrisch/index.html>

University Education:

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|----------|--|
| 1985-86: | LMU Munich, Germany: Medicine |
| 1986-88: | LMU Munich, Germany: Physics (Vordiplom) |
| 1988-90: | Physics, University of California at Berkeley
B.A. (with honors); Phi Beta Kappa |
| 1990-92: | Physics, University of California at Berkeley
M.A. |
| 1992-98: | Philosophy, University of California at Berkeley
Ph.D.; Dissertation: <i>Theories, Models, and Explanation.</i> |

Employment:

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|--------------------------|---|
| August 1998 – June 2003: | Assistant Professor, Department of Philosophy,
Northwestern University. |
| August 2003 – July 2006: | Assistant Professor, Department of Philosophy,
University of Maryland, College Park. |
| August 2006 – present: | Associate Professor, Department of Philosophy,
University of Maryland, College Park. |
| August 2013 – present: | Professor, Department of Philosophy, University of
Maryland, College Park. |
| August 2012-July 2013: | Visiting Professor, Ludwig-Maximilians-Universität
Munich, Germany. |

Other appointments:

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| 2008 – present: | Research Associate, Centre for the Philosophy of the
Natural and Social Sciences (CPNSS), London School of
Economics (since 2008). |
| 2013 – present: | Visiting Professor, Munich Center for Mathematical
Philosophy, Ludwig-Maximilians-Universität Munich,
Germany. |

Fellowships, Prizes, and Awards:

i. National and International:

National Science Foundation Fellowship, award no. SES-0093212, 8/15/2001-5/31/2002, \$75,000.

National Endowment for the Humanities Fellowship, award no. FA-36796-01, 6/1/2002-12/31/2002, \$25,000.

National Science Foundation Fellowship, award no. SES-0646677, 9/1/2007-8/31/2008, \$131,541.

Humboldt-Fellowship for Experienced Researchers (at the Ludwig-Maximilians-Universität München), 06-08/2010; 09/2011-07/2012. €35,700.

ii. Intramural:

RASA, Graduate School, University of Maryland, Semester Award, Spring 2014, \$9,250.

General Research Board, Graduate School, University of Maryland, Semester Award, Spring 2010, \$9,250.

General Research Board, Graduate School, University of Maryland, Semester Award, Fall 2005, \$9,250.

Publications

a. Books:

i. Books authored:

- 1) *Inconsistency, Asymmetry, and Non-Locality: A Philosophical Investigation of Classical Electrodynamics*, New York: Oxford University Press (2005), 212 pages.
- 2) *Causal Reasoning in Physics* (forthcoming 2014 with Cambridge University Press).

ii. Chapters in books:

- 1) "A New Look at Popper's Pond," in *Karl Popper: A Centenary Assessment*, ed. Ian Jarvie, Ashgate (2007), 77-84.
- 2) "Causation, Counterfactuals and Entropy," in *Russell's Republic: The Place of Causation in the Constitution of Reality*, eds. Huw Price and Richard Corry, Oxford University Press (2007), 351-395.
- 3) "Does a low-Entropy constraint prevent us from influencing the Past?," in *Time, Chance, and Reduction*, eds. Andreas Hüttemann and Gerhard Ernst, Cambridge University Press (2010), 13-33.
- 4) "Causal Models and the Asymmetry of State Preparation" in *EPSA Philosophical Issues in the Sciences. Launch of the European Philosophy of Science Association*, eds. M. Suárez, M. Dorato and M. Rédei. Springer Verlag (2010).
- 5) "Kausalität in der Physik," ("Causality in Physics") in *Philosophie der Physik*, ed. Michael Esfeld, Suhrkamp (2012).

- 6) "Time and Causation," in *A Companion to the Philosophy of Time*, eds. Heather Dykes and Adrian Bardon. Oxford: Wiley-Blackwell (2013). 282-300.
- 7) "Statistical mechanics and the asymmetry of causal influence," in *David Albert's Time and Chance*, eds. Barry Loewer, Eric Winsberg, and Brad Weslake, Harvard University Press (forthcoming).
- 8) "Physical Fundamentalism in a Lewisian Best System," in *Asymmetries of Chance and Time*, ed. Alastair Wilson, Oxford University Press (forthcoming).
- 9) "Uncertainty and Values in climate policy optimization models," in Winsberg, E. and Lloyd, E., eds., *Conceptual Foundations of Climate Modeling*, The University of Chicago Press (forthcoming).
- 10) "Unsharp Humean Chances in Statistical Physics: a Reply to Beisbart" together with Luke Glynn, Radin Dardashti, and Karim Theabault (forthcoming).

b. Articles in Refereed Journals:

- 1) "Van Fraassen's Dissolution of Putnam's Model-Theoretic Argument," *Philosophy of Science*, 66 (March 1999), 158-164.
- 2) "(Dis-)Solving the Puzzle of the Arrow of Radiation," *British Journal for the Philosophy of Science* 51 (September 2000), 381-410.
- 3) "Non-Locality in Classical Electrodynamics," *British Journal for the Philosophy of Science* (March 2002), 1-19.
- 4) "Inconsistency in Classical Electrodynamics," *Philosophy of Science* 71 (October 2004), 525-549.
- 5) "Laws and Initial Conditions," *Philosophy of Science* 71:5 (December 2004), 696-706.
- 6) "Mechanisms, Principles, and Lorentz's Cautious Realism," *Studies in the History and Philosophy of Modern Physics* 36, 4 (December 2005), 659-679.
- 7) "Counterfactuals and the Past Hypothesis," *Philosophy of Science* 72: 5 (December 2005), 739-750.
- 8) "A Tale of Two Arrows," *Studies in the History and Philosophy of Modern Physics* 37 (2006), 542-558.
- 9) "Conceptual Problems in Classical Electrodynamics," *Philosophy of Science* 75:1 (January 2008), 93-105.
- 10) "Philosophical Issues in Electromagnetism," *Philosophy Compass* 4/1 (2009): 255-270.
- 11) "'The most Sacred Tenet'? Causal Reasoning in Physics," *British Journal for the Philosophy of Science* 60 (September 2009), 459-474.

- 12) "Causality and dispersion: a reply to John Norton," *British Journal for the Philosophy of Science* 60 (September 2009), 487-495.
- 13) "Causes, Counterfactuals, and Non-Locality," *Australasian Journal of Philosophy*, 88/4 (2010), 655 – 672.
- 14) "Principle or Constructive Relativity?" *Studies in the History and Philosophy of Modern Physics* 42 (2011), 176-183.
- 15) "From Boltzmann to Arbuthnot: higher-level laws and the Best System," *Philosophy of Science* 78: (2011:5). 1001-1011.
- 16) "No Place for Causes? Causal Skepticism in Physics." *European Journal for Philosophy of Science* 2:3 (October 2012). 313-336.
- 17) "Who is Afraid of Inconsistency?" *Synthese* (in press).
- 18) "Climate Change Justice," *Philosophy and Public Affairs* (Summer 2012). 225-253.
- 19) "Modelling Climate Policies: A Critical Look at Integrated Assessment Models", *Philosophy and Technology* 26 (2013). 117-137.
- 20) "Users, Structures, and Representations" *British Journal for the Philosophy of Science* (forthcoming).
- 21) "Physics and the Human Face of Causation," *Topoi. An International Review of Philosophy* (guest editors Federica Russo and Phylis Ilari).
- 22) "Classical Electrodynamics: no more toils and troubles?," *Studies in History and Philosophy of Modern Physics* (forthcoming).
- 23) "Laws in Physics", *European Review* (forthcoming).

c. Book Reviews, Other Articles, Notes:

- 1) "The World According to Maxwell," Discussion Paper Series of the Centre for the Philosophy of the Natural and the Social Sciences, London School of Economics (*Measurement in Physics and Economics Discussion Papers* 1/1999).
- 2) "Nancy Cartwright's *The Dappled World: A Study of the Boundaries of Science*," book review together with: E. Winsberg, A. Fine, K. Darling. *The Journal of Philosophy* XCVII, 7 (July 2000), 403-408.
- 3) "Causation and the Past Hypothesis," Discussion Paper Series of the Centre for the Philosophy of the Natural and the Social Sciences, London School of Economics (*Causality: Metaphysics and Methods – Discussion Papers* 16/2004).
- 4) "Stephan Hartmann, Carl Hoefer, and Luc Bovens (eds.) *Nancy Cartwright's Philosophy of Science*", book review. Notre Dame Philosophical Reviews (March 2009)

3. Talks:

a. Invited talks:

- 1) "Models as Truth-Makers and Models as Representations," Department of Philosophy, University of Leeds, England, February 1997.
- 2) "Models in Electrodynamics and the Semantic View of Scientific Theories," Centre for the Philosophy of the Natural and the Social Sciences, London School of Economics, England, May 1997.
- 3) "Explanatory Patterns," History and Philosophy of Science Colloquium, University of Colorado, Boulder, December 1997.
- 4) "Explanatory Patterns," Northwestern University, February 1998.
- 5) "Explanatory Patterns," University of Maryland, Baltimore County, February 1998.
- 6) "In Search of Coherence? The Strange Tale of Classical Electrodynamics" History and Philosophy of Science Colloquium Series, Northwestern University, February 1999.
- 7) "Local Models, Possible Worlds, and Classical Electrodynamics," California Institute of Technology, Los Angeles, November 1999.
- 8) "Explanatory Asymmetries: A Problem for Causal Theories of Explanation?" University of Manitoba, Canada, January 2001.
- 9) "Boltzmann's account of the thermodynamic asymmetry." University of Illinois at Chicago Philosophy of Physics Workshop, March 2001, Commentator on a paper by Craig Callender.
- 10) "The Influence of Science on Philosophy in the Late 19th Century: Comments on Papers by Michael Friedman and Mark Wilson," May 2001, Symposium at the 2001 APA Central Division meeting.
- 11) "Non-Locality in Classical Electrodynamics," University of Southern California, November 2001.
- 12) "Classical Electrodynamics and the Role of Consistency in Scientific Theories," University of California at Irvine, January 2002
- 13) "Classical Electrodynamics and the Role of Consistency in Scientific Theories," University of Pittsburgh, February 2002.
- 14) "Classical Electrodynamics and the Role of Consistency in Scientific Theories," University of Maryland, College Park, February 2002.
- 15) "The Puzzle of the Arrow of Radiation," Department of Physics, University of Southern California, April 2002.
- 16) "David Lewis's Overdetermination Thesis or The Perils of Armchair Physical Theorizing," Centre for the Philosophy of the Natural and the Social Sciences, London School of Economics, May 2002.
- 17) "David Lewis's Overdetermination Thesis or The Perils of Armchair Physical Theorizing," University of Sydney, October 2002
- 18) "David Lewis's Overdetermination Thesis or The Perils of Armchair Physical Theorizing," University of Maryland, College Park, December 2002.
- 19) "David Lewis's Overdetermination Thesis or The Perils of Armchair Physical Theorizing," University of California at Santa Barbara, January 2003
- 20) "David Lewis's Overdetermination Thesis or The Perils of Armchair Physical Theorizing," University of Minnesota, Twin Cities, January 2003
- 21) "Counterfactuals and the Past Hypothesis," invited speaker at the symposium "Entropy and Counterfactuals," 2003 APA Central Division Meeting, Cleveland, April 2003.
- 22) "The 'Arrow' of Radiation and Entropy," invited speaker at the annual University of Western Ontario Philosophy of Science Conference, May 2003.
- 23) "Causation, Counterfactuals and Entropy." Invited speaker at the conference "Causal Republicanism," Sydney, July 2003.
- 24) "David Lewis's Overdetermination Thesis or The Perils of Armchair Physical Theorizing." SUNY Buffalo, February 2004.

- 25) "The Limits of Mathematical Representations in Science," workshop on mathematical representations at Stanford University, April 2004.
- 26) "Entropy and the Arrow Radiation," invited speaker at the workshop "Time's Arrow: Physics and Philosophy," Belgium, May 2004
- 27) Invited participant in the workshop "The Origins and Functions of Causal Thinking" organized by Maria Carla Galavotti, Chris Hitchcock, Peter Menzies, Huw Price, and Jim Woodward. Venice, Italy, May 2004.
- 28) "Causation, Counterfactuals and Entropy," University of Munich, June 2004.
- 29) "David Lewis's Overdetermination Thesis or The Perils of Armchair Physical Theorizing." University of Maryland, Baltimore County, Philosophy Club, November 2004.
- 30) Invited participant and presenter at the workshop "Descrying the world in physics" at Rutgers University, April 2005.
- 31) "Probabilities, Counterfactuals, and Entropy," Universität Konstanz, July 2005.
- 32) "Causation in Fundamental Physics," Universität Münster, July 2005.
- 33) Author-meets-critics session on my *Inconsistency, Asymmetry and Non-Locality* at the 2005 meeting of the Western Canadian Philosophical Association, Winnipeg, October 2005 (critics: Steve Savitt, UBC, and Gordon Belot, Pittsburgh).
- 34) "Counterfactuals and the Past-Hypothesis," Workshop on Time, Chance and Reduction—Philosophical Aspects of Statistical Mechanics, Munich, March 2006.
- 35) Author-meets-critics session on my *Inconsistency, Asymmetry and Non-Locality* at the 2006 APA Pacific Division Meeting, Portland, March 2006 (critics: Mark Wilson, University of Pittsburgh, Robert Batterman, University of Western Ontario, Sheldon Smith, UCLA).
- 36) "Causes, Entropy, and Agency," Conference on "The Origins and Functions of Causal Thinking, III," Sydney University, Sydney, July 2006.
- 37) "Causation in Physics," Boston Colloquium for Philosophy of Science, November 2006.
- 38) "Causal Reasoning in Physics," Workshop on Causation at the University of North Carolina, Chapel Hill, March 2007.
- 39) "Causal Reasoning in Physics," Conference 'Causation and Mechanism, University of Maryland, College Park 2007.
- 40) "Casual Reasoning in Physics," Munich, July 2007.
- 41) "Counterfactuals and the Past-Hypothesis," Workshop on Causation and Physics, Barcelona, September 2007.
- 42) "Causal Reasoning in Physics," Workshop on Causation at the Center for Philosophy of Science, Pittsburgh University, January 2008.
- 43) "'The Most Sacred Tenet?'—Causal Reasoning in the Derivation of Dispersion Relations," Workshop on Causation and Non-Locality, Tilburg University, The Netherlands, June 2008.
- 44) "Conceptual Problems in Classical Electrodynamics," Workshop on Inconsistency in Science, University of Leeds, UK, June 2008.
- 45) "Russell Revisited: Skepticism about Causes," Texas Tech University, October 2008.
- 46) "'The most sacred tenet': Causal Reasoning in Physics," Texas Tech University, October 2008.
- 47) "The causal and thermodynamic asymmetries revisited", Conference on the foundations of statistical physics, Rutgers University, May 2009 (invited).
- 48) "The metaphysics and the physics of Causation," Conference on Metaphysics in Science, Melbourne, July 2009 (invited).
- 49) "Causation: Projection or Discovery?" University of Nice, November 2009.
- 50) "The metaphysics and the physics of Causation," London School of Economics, November 2009.

- 51) "The metaphysics and the physics of Causation," University of Kent, November 2009.
- 52) "Principle or Constructive Relativity?" LARSIM, Paris, December 2009.
- 53) "Is there a place for a causal reasoning in physics?" University of Barcelona, February 2010.
- 54) "How great is strength? Comments on a paper by Craig Callender." Conference on Causation in Science, Barcelona, February 2010.
- 55) "Is there a place for a causal reasoning in physics?" IHPST Paris, March 2010.
- 56) "Is there a place for a causal reasoning in physics?" University Lausanne, May 2010.
- 57) "Is there a place for a causal reasoning in physics?" workshop on causation in science, Dijon June 2010.
- 58) "Kausalität in der Physik." workshop: philosophy of physics in Germany, Hannover, June 2010.
- 59) "Models and representations, or: Who is afraid of inconsistency?," University of Munich, June 2010.
- 60) "Is there a place for a causal reasoning in physics?" University of Cologne, July 2010.
- 61) "No Place for Causes? Causal Skepticism in Physics," Workshop on Causation, Ludwig-Maximilians-Universität München, July, 2010.
- 62) "Causes, Counterfactuals, and Entropy. Conference on Counterfactuals and the Direction of Time, Monash University, Melbourne, August 2011.
- 63) "Pragmatismus und naturwissenschaftliche Repräsentationen" Universität Bonn, Dezember 2011.
- 64) "Zeitpfeil und Kausalasymmetrie," Universität Bonn, Dezember 2011.
- 65) "Zeitpfeil und Kausalasymmetrie," Universität Konstanz Dezember 2011.
- 66) "Climate (In-)Justice and Integrated Assessment models," London School of Economics, February 2012
- 67) "Causal Reasoning in Physics," Bristol University, February 2012.
- 68) "Causal Reasoning and the Second Law," Oxford University, February 2012.
- 69) "Causal Reasoning in Physics," Cambridge University, February 2012.
- 70) "Kausalität in der Physik," Universität Bern, February 2012.
- 71) "The Human Face of Causation," Düsseldorf, April 2012.
- 72) "The Past Hypothesis, Lewisian Best Systems, and the Special Sciences," Utrecht April 2012.
- 73) Kausalitätsworkshop, Universität Konstanz, May 2012.
- 74) Workshop of the Academia Europaea "Basic Ideas in Science: Natural Law", Heidelberg, June 2012.
- 75) "Climate (In-) Justice" LMU München, June 2012.
- 76) "Epistemische und Kausalasymmetrie", workshop on Causation in Science. TU München, August 2012.
- 77) Keynote Speaker at the conference "Evidence and Causality in the Sciences", Kent University, September 2012.
- 78) IWT-Kolloquium, Universität Bielefeld, Oktober 2012.
- 79) Bielefeld-Bonn-Bochum Graduierten Konferenz, Keynote Speaker, Februar 2013.
- 80) "Causal Reasoning in Physics", Universität Tübingen, May 2013.
- 81) "Integrated Assessment Models and Climate Policy Decisions." Durham University, May 2013.
- 82) Summer school Physics and Philosophy of Time July 2013.
- 83) "Causal Reasoning in Physics", University of Pittsburgh, November 2013.
- 84) "Causal Reasoning in Physics", Leuven-le-Neuf, February 2014.
- 85) "Physics and the Human Face of Causation" Ghent, February 2014.
- 86) "Users, Structures, and Representation," APA Symposium on scientific representation, San Diego, April 2014.

- 87) "Causation in Physics," Keynote speaker at workshop on causation, Bern University, June 2014.
- 88) "Users, Structures, and Representation," Workshop on Structural Realism, MCMP Munich, July 2014.

b. Refereed conference presentations:

- 1) "A Re-examination of the Distinction between a Context of Discovery and a Context of Justification," 10th International Congress of Logic, Methodology and Philosophy of Science, Florence, Italy, August 1995.
- 2) "Truth and Isomorphism: Van Fraassen's Explication of 'Empirical Adequacy'," 3rd International Conference of the German Society of Analytic Philosophy, Munich, Germany, September 1997.
- 3) "Explanatory Asymmetries: A Problem for Causal Theories of Explanation?" 11th International Congress of Logic, Methodology and Philosophy of Science, Cracow, Poland, August 1999.
- 4) "Non-Locality in Classical Electrodynamics," APA Pacific Division Meeting, San Francisco, March 2001.
- 5) "David Lewis's Overdetermination Thesis or The Perils of Armchair Physical Theorizing," Causation and Explanation in the Natural and Social Sciences, Ghent University, Belgium, May 2002.
- 6) "Lorentz's Cautious Realism and the Electromagnetic World-Picture," History of the Philosophy of Science Conference 2002, Montreal, Canada, June 2002.
- 7) "Popper's Pond and Elementary Radiation Processes: Popper and Einstein on the Arrow of Radiation," Karl Popper Centennial Conference 2002, Vienna, July 2002.
- 8) "Laws and Initial Conditions," contribution to the symposium "Laws, Possibility, and the New Instrumentalism," Philosophy of Science Association Meeting, November 2002.
- 9) "Causes, Counterfactuals, and Entropy," Northwest Philosophy Conference, Reed College, October 2003.
- 10) "David Lewis's Thesis of an Overdetermination of the Past by the Present," APA Central Division Meeting, Chicago, April 2004.
- 11) "Barry Loewer's Entropy Account of Counterfactuals," Philosophy of Science Association Meeting, November 2004.
- 12) "Causes, Counterfactuals, and Non-Locality," 2005 APA Pacific Division Meeting, San Francisco, March 2005.
- 13) "Causal Reasoning in Physics," First Congress of the European Philosophy of Science Association (EPSA I), Madrid, November 2007.
- 14) "Causal Reasoning in Physics," European Congress in Analytic Philosophy, Cracow, Poland, August 2008.
- 15) "Principle or Constructive Relativity?" Second Congress of the European Philosophy of Science Association (EPSA II), Amsterdam, October 2009.
- 16) "Lewisian Laws and Probabilities in Statistical Mechanics," Symposium on Laws, Chances, and Measures in Thermodynamics and Statistical Mechanics, Second Congress of the European Philosophy of Science Association (EPSA II), Amsterdam, October 2009.
- 17) "Principle or Constructive Relativity?" French Philosophy of Science Association Meeting, Paris, November 2009.
- 18) "From Boltzmann to Arbuthnot: higher-level laws and the Best System," Philosophy of Science Association Meeting, Montreal, November 2010.
- 19) "Another Look at the Arrow of Radiation," contribution to the symposium "Why I Care About What I Don't Yet Know: Initial Conditions and Physical and Cognitive

Asymmetries in Time,” Philosophy of Science Association Meeting, Montreal, November 2010.

- 20) “Another Look at the Arrow of Radiation,” CLMPS, Nancy, France, July 2011.
- 21) “Another Look at the Arrow of Radiation,” EPSA 3, Athens, Greece, October 2011.
- 22) “Prospects for a Structuralist Account of Causation,” workshop on structuralism, Munich February 2012.
- 23) “Modeling Climate Policies” 28th Boulder Conference on the History and Philosophy of Science, September 2012.
- 24) “A Critical Look at Integrated Assessment Models” Philosophy of Science Association Meeting, Dan Diego, November 2012.
- 25) “Uncertainty in Climate Modeling,” Symposium at the GWP.2013 conference (Deutsche Gesellschaft für Wissenschaftsphilosophie) Hannover, March 2013.
- 26) “Tuning Climate Models and the Problem of Old Evidence”, Models and Simulation Workshop, Notre Dame University, May 2014.

c. Non-refereed conference presentations:

- 1) “Causes, Counterfactuals, and Non-Locality,” Australasian Association of Philosophy Conference, Melbourne, Australia, July 2009.
- 2) Kausalität und Entropie, Philosophie der Physik Workshop, Munich, September 2011.

4. Contracts and Grants:

Travel grant from the Philosophy of Science Association, 2002, \$300.

International travel grant from the University of Maryland, June 2004, \$675.

PIV (professors/es i investigadors/es visitants) grant, AGAUR (Agència de Gestió d'Ajuts Universitaris i de Recerca) to visit the Universitat Autònoma de Barcelona, February 2010, grant number PIV2009-00018, €1400.

6. Reviewing Activities for (numbers since promotion to rank of Associate Professor):

1) Academic Journals:

Australasian Journal of Philosophy
British Journal for the Philosophy of Science
Canadian Journal of Philosophy
Erkenntnis
European Journal for Philosophy of Science
Foundations of Physics
Journal of Philosophical Logic
Philosophical Studies
Philosophy of Science
Studies in History and Philosophy of Modern Physics
Synthese

2) Academic Publishers:

Cambridge University Press
 MIT Press
 Norton Publisher
 Oxford University Press

Routledge
University of Chicago Press

3) Research Funding Agencies:

American Council of Learned Societies
Israel Science Foundation
National Science Foundation

4) Academic Societies and Conferences:

European Philosophy of Science Association: Member of the Program
Committee for EPSA 2013 (Helsinki).

I. Other: Conference Organized:

“Causation and Mechanism,” University of Maryland, May 4-6, 2007.

“Laws of Nature,” Ludwig Maximilians Universität München, 17. Dezember 2012.

“17. UK and European Meeting on the Foundations of Physics”, München, Juli 2013, Co-Organisator.

7. Teaching, Mentoring, and Advising:

a. courses taught since 2008:

Fall 2008:

PHIL858: Graduate seminar: Causation (15 students)
PHIL454: Philosophy of Space and Time (25 students)

Spring 2009:

PHIL428M: Topics in history of modern philosophy: David Hume (25 students)
PHIL364: Metaphysics (35 students)

Summer 2009:

PHIL209T: Time in Philosophy, Literature, Film, and Science (9 students)

Fall 2010:

PHIL250: Introduction to the philosophy of science (70 students)
HONR229F: Puzzles about time in philosophy, literature, and film (22 students)

Spring 2011:

PHIL209K: It's about time: Time in Philosophy, Fiction, Film, and Science (60 students)
PHIL408Q: Topics in Contemporary Philosophy: Scientific Representation
Spring 2011 (20 students)

Summer 2011:

PHIL209C: Heated Debates: Philosophy and Climate Change (online course - 5 students)

Spring 2013:

PHIL209C: Heated Debates: Philosophy and Climate Change (online course – 50 students)

Summer Semester 2013 (University of Munich)

Seminar on Uncertainty and Climate Modeling (6 students)

Fall 2013:

PHIL209T: It's about time: Time in Philosophy, Fiction, Film, and Science (65 students)
PHIL858: Graduate seminar: Uncertainty and Climate Modeling (10 students)

Spring 2014:

PHIL209C: Heated Debates: Philosophy and Climate Change (68 students)

b. Course or Curriculum Development:

- 1) PHIL450: Completely redesigned course. Wrote power points for all lectures and designed online wiki projects.
- 2) Developed a graduate seminar on philosophical theories of causation.
- 3) Developed and designed an online course, "PHIL209C: Heated Debates: Philosophy and Climate Change" on philosophical issues concerning climate change. Developed an in-class version of this course, which was selected as an I-series course.
- 4) Developed an interdisciplinary I-series course "PHIL209K: It's about time: Time in Philosophy, Fiction, Film, and Science"
- 5) Developed an upper-level philosophy course on the nature of scientific representation: "PHIL408Q: Topics in Contemporary Philosophy: Scientific Representation"

d. Teaching Awards and Other Special Recognition:

- 1) My course "It's about Time: Time in Philosophy, Fiction, Film, and Science" has been selected as one of the "Signature Courses" of the General Education Program at the University of Maryland, "designed to investigate significant issues and inspire innovative ideas".
- 2) My course "Heated Debates: Philosophy and Climate Change" has been selected for the next round of signature courses of the GenEd program.
- 3) I was selected to participate in the Center for Teaching Excellence's 2008 Summer Institute on Teaching with New(er) Technology.
- 4) I was selected to participate in the ARHU workshop on online teaching, Winter 2011.

e. Advising (other than research direction):

- i. Undergraduate: 0-1 students/ year.
- ii. Graduate: approx. 1 student/year.

f. Advising: Research Direction:

Dave McElhoses (2009-2012). Thesis defense May 2012.
Lisa Leininger (2010-).

8. Service:

a. Professional:

ii. Reviewing activities for agencies.

National Science Foundation (3 grant applications)
American Council of Learned Societies (Mellon Doctoral Fellowships, 3 years)
Israel Science Foundation (1 grant application)

b. Campus:

i. Departmental:

Placement Officer, Department of Philosophy: 2003-2005. Spring 2006-Spring 2007, Fall 2008-Spring 2009, Fall 2010-Spring 2011
Graduate Affairs Committee: member, 2003-2005. Fall 2006-Spring 2007, Fall 2008-Spring 2009, Fall 2010-Spring 2011.
Graduate Summer Fellowship Committee: 2004, 2005.
Graduate Admissions: Spring 2006, 2007
Salary Committee: Spring 2006, 2007
Internal committee for external review: Spring 2006.
Chair Advisory Committee (Chair): Fall 2010-Spring 2011.
Search Committee (Member): Fall 2010-Spring 2011.
Director of Graduate Studies: Fall 2013 - .

Graduate Affair Committee (chair): Fall 2013 - .
Scheduling Committee (member): Fall 2013 - .
Chair Advisory Committee (member): Fall 2013 - .

ii. College:

Philosophy Department Chair Search Committee (member): Spring 2008.
Worldwise Committee (member): 2008-2009.