

Curriculum Vitae – Joseph Millum

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Bethesda, MD, 20892

Employment History

- June 2012 – present: Staff Scientist, Clinical Center Dept. of Bioethics & Fogarty International Center, National Institutes of Health, Maryland, USA
- Sept 2008 – June 2012: Research Fellow, Clinical Center Dept. of Bioethics & Fogarty International Center, National Institutes of Health, Maryland, USA
- Sept 2006 – August 2008: Post-Doctoral Fellow, Clinical Center Dept. of Bioethics, National Institutes of Health, Maryland, USA
- Oct 2005 – May 2006: SGS Post-Doctoral Fellow, University of Toronto, Canada.

Education

- Oct 2014 – present: M.Sc., Applied Economics, Johns Hopkins University, USA
- Sept 2000 – Oct 2005: Ph.D., Philosophy, University of Toronto, Canada.
Dissertation title: *The Adaptation of Morality*.
Supervisor: Dr Paul Thompson (Philosophy and Zoology).
- Oct 1995 – June 1999: MA Hons in Philosophy: First Class.
University of Edinburgh, UK.
- June 1998 – Sept 1998: Dartmouth College, New Hampshire, USA.
GPA: 4.0

Areas of Specialization

Moral philosophy, Bioethics

Areas of Competence

Meta-ethics, Philosophy of Science, Philosophy of Biology

Publications

Books

Millum, J. and E. J. Emanuel (eds.) *Global Justice and Bioethics*. Oxford University Press (2012).

(Reviewed in *Ethics, Hastings Center Report, Journal of the American Medical Association*)

Danis M., E. Largent, D. Wendler, S. C. Hull, S. Shah, **J. Millum**, B. Berkman, and C. Grady, *Research Ethics Consultation: A Casebook*. Oxford University Press (2012).

(Reviewed in *American Journal of Bioethics, Journal of Clinical Research Best Practices*)

Edited Journal Collections

International Research Ethics Education. Journal of Empirical Research on Human Research Ethics. Vol. 9, Issue 2. (April 2013). Collection Editor with Barbara Sina. Available at: <http://www.bioethics.nih.gov/research/fogarty.shtml>

International Research Ethics Education. Journal of Empirical Research on Human Research Ethics. Vol. 8, Issue 5. (December 2013). Collection Editor with Barbara Sina. Available at: <http://www.bioethics.nih.gov/research/fogarty.shtml>

Case Studies in the Ethics of Mental Health Research. Journal of Nervous and Mental Disease. Volume 200, Number 3, March 2012. Collection Editor. Available at: <http://journals.lww.com/jonmd/toc/2012/03000>

Asian Bioethics: Breaking New Ground. Asian Bioethics Review Vol. 2. Issue 3 (July 2010). Guest Editor with Reidar Lie.

Articles

John, T., **J. Millum**, and D. Wasserman ‘How to allocate scarce health resources without discriminating against people with disabilities’ *Economics & Philosophy*. Forthcoming.

Barsdorf, N. and **J. Millum** ‘The Social Value of Research and the Worst Off’ *Bioethics*. Forthcoming.

Bromwich, D. and **J. Millum** ‘Informed Consent to HIV Cure Research’ *Journal of Medical Ethics*. 2016. Online DOI: 10.1136/medethics-2015-103122.

Du Toit, J. and **J. Millum** ‘Are indirect benefits relevant to health care allocation decisions?’ *Journal of Medicine and Philosophy*. 2016. Online DOI: 10.1093/jmp/jhw018.

Millum, J. ‘Transmitting Cholera to Haiti’. In Drue H. Barrett, Gail Bolan, Angus Dawson, Leonard Ortmann, Andreas Reis, Carla Saenz (eds.) *Public Health Ethics: Cases Spanning the Globe*. Springer (2016): 270-274.

Alexander EP Heazell, Dimitrios Siassakos, Hannah Blencowe, Zulfiqar A Bhutta, Joanne Cacciatore, Nghia Dang, Jai Das, Vicki Flenady, Katherine J Gold, Olivia K Mensah, **Joseph Millum**, Daniel Nuzum, Keelin O’Donoghue, Maggie Redshaw, Arjumand Rizvi, Tracy Roberts, H.E. Toyin Saraki, Claire Storey, Aleena M Wojcieszek, Soo Downe, and the Stillbirth Series Steering Group. ‘Stillbirths: Economic and Psychosocial Consequences’ *The Lancet*. Vol.387, No.10018, (2016):604–616.

Millum, J. ‘The Ethics of Transactions in an Unjust World’. In K. Zeiler and E. Malmqvist (eds.) *Bodily Exchanges, Bioethics and Border Crossing: Perspectives on Giving, Selling and Sharing Bodies*. Routledge: Oxon (2016): 185-196.

Rulli, T. and **J. Millum** ‘Rescuing the Duty to Rescue’. *Journal of Medical Ethics*. 2016;42:260-264.

Sharp, D. and **J. Millum** ‘Prioritarianism for Global Health Investments: Identifying the Worst Off’ *Journal of Applied Philosophy*. 2015. Online DOI: 10.1111/japp.12142.

Qureshi, Z.U., **J. Millum**, H. Blencowe, M. Kelley, E. Fotrell, J. E. Lawn, A. Costello, T. Colbourn. ‘A Silenced Cry: Should stillbirth be given greater priority on the global health agenda?’ *The BMJ* 2015;351:h4620.

Sharp, D. and **J. Millum** ‘The Post-2015 Development Agenda: Keeping Our Focus On the Worst Off’ *American Journal of Tropical Medicine and Hygiene*. 92(6), 2015, pp. 1087–1089.

Mandava, A., **Millum, J.**, Berkman, B. E., ‘When Should Genomic Researchers Disclose Misattributed Parentage?’ *Hastings Center Report*. 45;4 (2015): 28-36.

Bromwich, D. and **J. Millum** ‘Disclosure and Consent to Medical Research Participation’. *Journal of Moral Philosophy*. Vol. 12 (2015): 195-219.

Millum, J., Sina, B., Glass, R. ‘International Research Ethics Education’. *Journal of the American Medical Association*. Vol. 313. No. 5 (2015): 461-462.

Millum, J. ‘Age and Death: A Defense of Gradualism’. *Utilitas* Vol.27, No.3 (2015): 279-297.

Phillips, J. and **J. Millum** ‘Valuing Stillbirths’. *Bioethics*. Vol. 29. No. 6 (2015): 413-423.

Millum, J. ‘The Foundation of the Child's Right to an Open Future’. *Journal of Social Philosophy*. Vol. 45 No. 4 (2014): 522–538.

Millum, J. and B. Sina ‘Introduction: International Research Ethics Education’. *Journal of Empirical Research on Human Research Ethics*. Vol. 9, No. 2 (2014): 1-2.

Matar, A., S. Garner, **J. Millum**, B. Sina, H. Silverman ‘Curricular Aspects of the Fogarty Bioethics International Training Programs’. *Journal of Empirical Research on Human Research Ethics*. Vol. 9, No. 2 (2014): 12–23.

Littler, K., **J. Millum**, D. Wassenaar ‘The Global Forum for Bioethics in Research: Past, Present and Future’. *South African Journal of Bioethics and Law*. 2014;7(1):5-8.

Millum, J. ‘Consent Under Pressure: The Puzzle of Third Party Coercion’. *Ethical Theory and Moral Practice*. Volume 17, Issue 1 (2014): 113–127.

Millum, J., Grady, C., Keusch, G., Sina, B. ‘Introduction: The Fogarty International Research Ethics Education and Curriculum Development Program in Historical Context’. *Journal of Empirical Research on Human Research Ethics*. Vol. 8, No. 5 (2013): 3–16.

Millum, J., D. Wendler, E. J. Emanuel ‘The 50th Anniversary of the Declaration of Helsinki: Progress but Many Remaining Challenges’. *Journal of the American Medical Association*. 2013; 310(20): 2143-2144.

Millum, J. and C. Grady ‘The Ethics of Placebo-controlled Trials: Methodological Justifications’. *Contemporary Clinical Trials*. Volume 36, Issue 2 (2013): 510–514.

Lieber, S. and **J. Millum** ‘Preventing Sin: The Ethics of Vaccines Against Smoking’. *Hastings Center Report* 43, no. 3 (2013): 23-33.

Mandava, A. and **J. Millum** ‘Manipulation in the Enrollment of Research Participants’. *Hastings Center Report* 43, no. 2 (2013): 38-47

Millum, J. ‘Canada’s new ethical guidelines for research with humans: A critique and comparison with the United States’. *Canadian Medical Association Journal* 2012; 184: 657-661

Millum, J. ‘Introduction: Case Studies in the Ethics of Mental Health Research’. *Journal of Nervous and Mental Disease* 2012; 200: 230-235

Millum, J. ‘Global Bioethics and Political Theory’. In Millum, J. and E. J. Emanuel (eds.) *Global Justice and Bioethics*. Oxford University Press (2012): 17-42

Millum, J. and E. J. Emanuel, ‘Introduction: Global Justice and Bioethics’. In Millum, J. and E. J. Emanuel (eds.) *Global Justice and Bioethics*. Oxford University Press (2012): 1-14

Millum, J. and R. Skolnik, ‘Ethical and Human Rights Concerns in Global Health’. In Skolnik, R. *Global Health 101 2ed*. Jones & Bartlett Publishers (2012):71 - 86

Brake, E. and **J. Millum**, 'Procreation and Parenthood'. *Stanford Encyclopedia of Philosophy* 2012 (Available at: <http://plato.stanford.edu/entries/parenthood/>)

Millum, J. 'Sharing the Benefits of Research Fairly: Two Approaches'. *Journal of Medical Ethics* 2012; 38: 219-223

Lepora, C. and **J. Millum**, 'The Tortured Patient: A Medical Dilemma'. *Hastings Center Report* 2011 Vol. 41 No. 3: 38-47

(Reprinted in *Asian Bioethics Review* 3.3 (2011): 235-254; Reprinted in Chiara Lepora and Robert E. Goodin, *On Complicity and Compromise*. Oxford University Press (2013))

Millum, J. 'Post-Trial Access to Antiretrovirals: Who Owes What to Whom?' *Bioethics* 2011;25(3):145-154

Millum, J. and J. Menikoff 'Streamlining Ethical Review' *Annals of Internal Medicine*. 2010;153(10):655-657

Ellis R.D., I. Sagara, A. Durbin, A. Dicko, D. Shaffer, L. Miller, M. H. Assadou, M. Kone, B. Kamate, O. Guindo, M. P. Fay, D. A. Diallo, O. K. Doumbo, E. J. Emanuel, and **J. Millum** 'Comparing the Understanding of Subjects receiving a Candidate Malaria Vaccine in the United States and Mali' *American Journal of Tropical Medicine and Hygiene*, 83(4), 2010: 868–872

Lie, R. and **J. Millum** 'Asian Bioethics: Breaking New Ground'. *Asian Bioethics Review* 2.3 (2010): 171-172

Millum, J. 'How Do We Acquire Parental Rights?' *Social Theory and Practice* Vol. 36 No. 1: 112-132 (January 2010)

Millum, J. 'How Should the Benefits of Bio-prospecting Be Shared?' *Hastings Center Report* 40 No. 1: 24-33 (2010)

(Reprinted in *Asian Bioethics Review* 1.4 (2009): 383-400)

Millum, J. 'A Biological Alternative to Moral Explanations,' *The Southern Journal of Philosophy* Vol. 46 No. 3 (Fall 2008)

Millum, J. 'Are Pharmaceutical Patents Protected By Human Rights?' *Journal of Medical Ethics* 34:e25 (2008)

Millum, J. 'How Do We Acquire Parental Responsibilities?' *Social Theory and Practice* Vol. 34 No. 1: 71–93 (January 2008)

Millum, J. and E. Emanuel 'The Ethics of International Research with Abandoned Children,' *Science* 318: 1874–1875 (2007)

Millum, J. 'Natural Goodness and Natural Evil,' *Ratio* 19(2): 199–213 (June 2006)

Commentaries

Millum, J. 'Controlling Ebola Trials'. *American Journal of Bioethics*. Volume 15, No. 4: 36-37 (2015)

Wertheimer, A., **J. Millum**, and G. O. Schaefer 'Why Adopt a Maximin Theory of Exploitation?' *American Journal of Bioethics*, Volume 10, No. 6: 38-39 (June 2010)

Borgerson, K. and **J. Millum** 'A Third Way: Ethics Guidance as Evidence-Informed Provisional Rules'. *American Journal of Bioethics*, Volume 10, No. 6: 20-22 (June 2010)

Book Reviews

N. Richards (2010), *The Ethics of Parenthood* (in *Philosophy in Review*, 32(2), 2012). Available at <http://journals.uvic.ca/index.php/pir/index>.

M. W. Austin (2007), *Conceptions of Parenthood: Ethics and the Family* (in *Notre Dame Philosophical Reviews* 2008). Available at <http://ndpr.nd.edu/review.cfm?id=12946>.

W.H. Harms (2004), *Information and Meaning in Evolutionary Processes* (in *Philosophy in Review*, 26 (3), 2006)

A. Taylor (2003), *Animals and Ethics* (in *The Peer Review*, Winter 2004)

Webpages

NIH Fogarty International Center *Bioethics Information and Resources*. Available at <http://www.fic.nih.gov/ResearchTopics/Pages/Bioethics.aspx>.

Presentations

Papers

- August 2016: New Scholars in Bioethics, 6th Annual Symposium – 'First-come, First-served?'
- May 2016: Kings College London – Workshop on the ethics of research during an epidemic: Lessons from Ebola. 'What does the duty to rescue imply for clinical research? Researchers' obligations during an epidemic of a highly fatal disease'
- November 2015: Cancer and NCDs: Forging Global Partnerships across the U.S. Government - 'Prostate Cancer Screening in Tanzania: Ethical Considerations'
- October 2015: American Society for Bioethics and Humanities – 'Understanding, Communication, and Consent'
- July 2015: New Scholars in Bioethics, 5th Annual Symposium – 'Parental Decision-making'
- June 2015: University of Oslo – 'Putting a number on the harm of death'
- June 2015: University of Bergen – 'Building International Research Ethics Capacity'

- March 2015: Joint Bioethics Colloquium, National Institutes of Health – ‘The Harm of Death’
- February 2015: Johns Hopkins Berman Institute of Bioethics. Seminar Series – ‘Prioritarianism for Global Health Investments’
- September 2014: Harvard University. Post-Trial Responsibilities: Ethics and Implementation – ‘Case Study: NIH Guidance on Post-trial Access to Antiretroviral Treatment’
- August 2014: New Scholars in Bioethics, 4th Annual Symposium – ‘Are indirect benefits relevant to decisions about the allocation of scarce healthcare resources?’
- June 2014: World Congress of Bioethics – ‘Valuing Stillbirths’
- June 2014: Pan-American Health Organization – ‘The New Declaration of Helsinki: Ethical Principles for Research on Human Subjects from the World Medical Association’
- May 2014: Sharing Bodies Within and Across Borders Symposium, Swedish Collegium for Advanced Study and Linköping University – ‘The ethics of transactions in an unjust world’
- May 2014: Priorities in Global Health 2020, University of Bergen – ‘Application of a Conception of the Worst Off’
- March 2014: NCCN Institutional Review Board (IRB) Directors Forum – ‘The Declaration of Helsinki: 2013 Revisions’
- December 2013: Public Responsibility in Medicine and Research (PRIM&R) Advancing Ethical Research Conference - ‘The Declaration of Helsinki: 2013 Revisions’
- October 2013: American Society for Bioethics and Humanities – ‘Two Approaches to Measuring How Bad It Is to Die’
- September 2013: Workshop on Frontiers of Informed Consent, Northeastern University – ‘The Informational Requirements for Informed Consent (with Danielle Bromwich)’
- August 2013: New Scholars in Bioethics, 3rd Annual Symposium – ‘The Content of Parental Responsibilities’
- May 2013: Priorities in Global Health 2020, University of Pennsylvania – ‘Problems with acquired potential accounts of the badness of death’
- April 2013: Three Rivers Philosophy Conference, University of South Carolina – ‘Two Approaches to Assessing How Bad it is to Die’
- March 2013: Joint Bioethics Colloquium, National Institutes of Health – ‘Medical Professionals and Complicity in Torture’
- October 2012: American Society for Bioethics and Humanities – ‘Methodological necessity and the justification of placebo-controlled trials’
- October 2012: 14th Annual Human Subject Protection Conference (Schulman Associates IRB, Cincinnati Children’s Hospital Medical Center, University of Cincinnati, University of Kentucky) – ‘Ethical Relativism and International Health Research’
- August 2012: New Scholars in Bioethics, 2nd Annual Symposium – ‘Measuring

- August 2012: How Bad it is to Die'
Dalhousie University Department of Philosophy Colloquium – 'Parental Rights: How and What'
- June 2012: World Congress of Bioethics – 'Methodological necessity and the justification of placebo-controlled trials'
- June 2012: Priorities in Global Health 2020, University of Bergen – 'Valuing Life-years Gained at Different Ages'
- May 2012: Salisbury University 32nd Annual Philosophy Symposium – 'Individual Obligations and Global Health'
- March 2012: Bowling Green State University Workshop in Applied Ethics and Policy – 'Manipulation and the Recruitment of Participants for Medical Research' (with Amulya Mandava)
- November 2011: University of Massachusetts – Boston, Speaker Series in Applied Philosophy – 'Consent Under Pressure: Third Party Coercion and Medical Research'
- October 2011: American Society for Bioethics and Humanities – 'Should physicians always refuse to force feed hunger strikers?'
- June 2011: University of KwaZulu-Natal, South Africa – 'Consent Under Pressure'
- June 2011: New Scholars in Bioethics, 1st Annual Symposium – 'Consent Under Pressure'
- July 2010: World Congress of Bioethics – 'How Should Fair Benefit-Sharing Arrangements be Decided?'
- January 2010: 2nd Horiba GABEX International Conference, Facing the Global Challenges in Bioethics – 'Global Justice and Bioethics'
- November 2008: Public Responsibility in Medicine and Research (PRIM&R), Advancing Ethical Research Conference – 'International Bioethics Capacity Building'
- November 2008: Society for Ethics Across the Curriculum, 10th Annual Meeting – 'Parental Work and the Right to Parent'
- May 2008: Bearing And Rearing Children: The Ethics Of Procreation And Parenthood – 'Parental Work and Parental Rights'
- March 2008: American Philosophical Association Pacific Division Annual Meeting 2008 – 'Filial Duties of Care'
- November 2007: American Society of Tropical Medicine and Hygiene 56th Annual Meeting – 'Obligations to Participants in Research Trials in Developing Countries'
- June/July 2007: Society for Applied Philosophy Annual Conference – 'How to be a Responsible Parent'
- May 2007: Canadian Philosophical Association Annual Conference – 'How Do We Acquire Parental Responsibilities?'
- October 2006: Western Canadian Philosophical Association Annual Conference - 'An Investment Theory of Parenthood'

- May/June 2006: Canadian Philosophical Association Annual Congress 2006
- 'The Incest Prohibition: A Counter-example to Evolutionary Naturalism'
- May/June 2005: Canadian Philosophical Association Annual Congress 2005
- 'Moral vs. Biological Explanations'
- April 2005: American Philosophical Association Central Division Annual Meeting 2005 - 'Moral Realism and Natural Kinds'
- May/June 2004: Canadian Philosophical Association Annual Congress 2004 - 'A Functional Foot?'
- April 2004: University of Illinois at Urbana-Champaign Annual Graduate Conference 2004 - 'A Functional Foot?'
- April 2004: University of Wisconsin at Stevens Point: Values, Rational Choice and the Will - 'A Functional Foot?'
- May/June 2003: Canadian Philosophical Association Annual Congress 2003
- 'How to Derive a Moral 'Ought' from a Biological 'Is''
- April 2003: University of Montreal Graduate Conference in Political Philosophy - 'Legislating for Moral Distress in a Multi-cultural Society'
- April 2003: The International Society for Utilitarian Studies: Utilitarianism, Human Rights and Globalization - 'The Harm of Moral Distress'

Commentaries

- May 2014: Sharing Bodies Within and Across Borders Symposium, Swedish Collegium for Advanced Study and Linköping University
Commentary on 'International clinical research and the problem of benefiting from injustice' by Erik Malmqvist
- May 2014: Priorities in Global Health 2020, University of Bergen
Response to Dean Jamison, on the value of the prevention of deaths at different ages
- May/June 2004: Canadian Philosophical Association Annual Congress 2004
Commentary on 'Theories of Virtue and Vice' by Todd Calder
- May 2004: University of Toronto Graduate Conference in Philosophy 2004
Commentary on 'Revisiting Harman: Setting Fire to a Can of Worms' by Deborah Mower
- May/June 2003: Canadian Philosophical Association Annual Congress 2003
Commentary on 'Hare-raising Truth Conditions' by Mark Gardiner
- May 2002: University of Toronto Graduate Conference in Philosophy 2002
Commentary on 'State, Anarchy, and Culture' by Stefan Cojocar

Service and Other Activities

- 2013 – 2014: American Society for Bioethics and Humanities, Philosophy Subcommittee member
- 2013 – present: Member, Coordinating Committee for Bioethics Research & Training
- 2015 – present: Alternate member, Combined Neurosciences Institutional Review Board (Purple Panel)
- 2012 – present: Alternate member, Combined Neurosciences Institutional Review Board (White Panel)
- 2009 – present: Member, Combined Neurosciences Institutional Review Board (Blue Panel)
- 2008 – present: Attending Consultant, Bioethics Consultation Service, NIH
- 2008 – 2010: Member, TNBC Data and Specimen sub-committee
- 2008 – present: Member, Clinical Center Ethics Committee
- 2008 – 2009: Alternate member, Combined Neurosciences Institutional Review Board (White Panel)
- 2007 – present: Member, Trans-NIH Bioethics Committee
- 2007 – 2009: Organizational support and Steering Committee member for Global Forum on Bioethics in Research
- 2007 – 2008: Fellow, Bioethics Consultation Service, NIH
- 2006 - present: Referee, *Southern Journal of Philosophy, Social Theory & Practice, American Journal of Public Health, Bioethics, Journal of Moral Philosophy, Public Affairs Quarterly, Clinical Trials, Journal of Nervous and Mental Disease, American Journal of Bioethics, IRB: Ethics & Human Research, Hastings Center Report, Journal of Political Philosophy, Journal of Applied Philosophy, Ethics*
- 2004 - 2008: Member, American Philosophical Association
- 2003 - 2007: Member, Canadian Philosophical Association
- Fall 2005: Research Assistant for Prof. Gopal Sreenivasan
- 2001 - 2004: Organizing Committee Member and Referee, University of Toronto Annual Graduate Conference in Philosophy

Awards

- 2005/2006: University of Toronto, SGS Post-Doctoral Fellowship
- 2004/2005: Nomination: TATP Teaching Assistants Excellence Award
- June 2004: 1st Place, Canadian Philosophical Association Student Essay Prize
- 2003/2004: Winner, Martha Lile Love Teaching Award, Department of Philosophy, University of Toronto.
- 2003/2004: George Paxton Young Memorial prize, University of Toronto
- 2002/2003: George Paxton Young Memorial prize, University of Toronto
- 2001 – 2005: University of Toronto Fellowship
- 2000/2001: Beatty Fellowship, University of Toronto
- June 1999: University of Edinburgh Philosophy of Science Prize
- June 1999: University of Edinburgh Moral Philosophy Prize
- June 1998: Bruce of Grange Scholarship to study at Dartmouth College, NH.
- June 1997: University of Edinburgh Logic Prize

Teaching

Supervision

Current mentees at CC Department of Bioethics: Tyler John, BA.

Past mentees at CC Department of Bioethics: Chiara Lepora, MD (2008-2010); Nicola Barsdorf, MA MSc PhD (2009-2011); Amulya Mandava, BA (2010-2012); Christina Rulli, PhD (2011-2013); Daniel Sharp, BA (2012-2014), Jessica du Toit, MA (2013-2015).

Workshops & Individual Classes

- 2010 – present: Teach ethics session for MEDI 326 Introduction to Global Health
 2009 – present: Organize and teach the annual ethics sessions for the Fogarty International Clinical Research Scholars/Fellows Program
 2008 – present: Individual classes and training sessions at various US institutions, including: NIH Clinical Center Ethical & Regulatory Aspects of Human Subjects Research, NIH Division of AIDS ethics workshop, PRIM&R Advanced Research Ethics Workshop, George Washington University global health class.
 2007 – present: International workshops on research ethics for bioethics researchers, health researchers, ethics committee members, and government officials in Brazil, China, Mali, Mexico, Vietnam, Philippines, Singapore, Peru, Indonesia, Japan.

Course Instructorships

- Spring 2006: PHLC06H3 S Topics in Ethical Theory
 Fall 2005: PHL252H5 F Philosophy of Science
 Spring 2004: PHL255H5 S Science and Pseudo-science
 Fall 2003: PHL252H5 F Philosophy of Science

Teaching Assistantships

Tutorial Leader

- Summer 2005: PHL384HF Ethics, Genetics and Reproduction
 Winter 2004/5: PHL281Y Bioethics
 Summer 2003: PHL100Y Introduction to Philosophy
 Spring 2003: PHL193HS Science and Social Issues
 Winter 2002/3: PHL100Y Introduction to Philosophical Problems
 Summer 2002: PHL245HF Modern Symbolic Logic
 Winter 2001/2: PHL100Y Introduction to Philosophical Problems

Grading

Grading in formal logic, critical reasoning, and all of the above listed courses.

Teacher training

THE500H1 Teaching in Higher Education. A semester-long course dealing with all aspects of pedagogy in universities.