

JOSEPH MILLUM

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St Andrews, Fife KY16 9AL

Areas of specialization: Applied ethics, Bioethics

Areas of competence: Political philosophy, Normative ethics, Meta-ethics, Philosophy of Science

EMPLOYMENT

- | | |
|----------------|---|
| 2022 - present | Senior Lecturer
Department of Philosophy, University of St Andrews, Scotland |
| 2022 - present | Consultant, Global Health Ethics & Governance Unit, World Health Organization |
| 2012 – 2021 | Bioethicist (permanent faculty)
Clinical Center Department of Bioethics & Fogarty International Center, National Institutes of Health, USA |
| 2008 – 2012 | Research Fellow (faculty)
Clinical Center Department of Bioethics & Fogarty International Center, National Institutes of Health, USA |
| 2006 – 2008 | Post-Doctoral Fellow
Clinical Center Department of Bioethics, National Institutes of Health, USA |
| 2005 – 2006 | Post-Doctoral Fellow
Department of Philosophy, University of Toronto, Canada |

EDUCATION

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|------|--|
| 2017 | M.Sc., Applied Economics, Johns Hopkins University, USA |
| 2005 | Ph.D., Philosophy, University of Toronto, Canada. |
| 1999 | M.A. Hons, Philosophy, University of Edinburgh, UK. First Class Honours. |
| 1998 | Summer Semester. Dartmouth College, USA. |

PUBLICATIONS

Books

Bromwich, D. and **J. Millum**, *The Ethics of Consent: An Introduction*. Routledge. (Under contract).

DeGrazia, D. and **J. Millum**, *A Theory of Bioethics*. Cambridge University Press (2021).

Norheim, O.F., **J. Millum**, E. J. Emanuel (eds.) *Global Health Priority-Setting: Beyond Cost-Effectiveness*. Oxford University Press (2019).

Millum, J., *The Moral Foundations of Parenthood*. Oxford University Press (2018).

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

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).

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.

International Research Ethics Education. Journal of Empirical Research on Human Research Ethics. Vol. 8, Issue 5. (December 2013). Collection Editor with Barbara Sina.

Case Studies in the Ethics of Mental Health Research. Journal of Nervous and Mental Disease. Volume 200, Number 3 (March 2012). Collection Editor.

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

Web Resources

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

International Society for Priorities in Health. Available at <https://prioritiesinhealth.org>

Journal Articles and Chapters

Miller, J., and **J. Millum**, 'Ethical considerations in international clinical trial site selection' *BMJ Global Health* 2022;7:e008012.

Zionts, J., and **J. Millum**, 'How *Not* to Count the Health Benefits of Family Planning' *Journal of Medical Ethics*. Online first.

Pierson, L., and **J. Millum**, 'Health Research Priority Setting: Do Grant Review Processes Reflect Ethical Principles?' *Global Public Health*. Online first.

Millum, J. and D. Bromwich 'Informed Consent: What Must be Disclosed and What Must be Understood?' *American Journal of Bioethics* 21 (5) (2021):46-58.

Grubbs, J.C., **J. Millum**, C.A. Rietmeijer, P.H. Kilmarx, 'Return of Positive Test Results to Participants in Sexually Transmitted Infection Prevalence Studies' *Sexually Transmitted Diseases*. 48(11) (2021): 834-836

Iyer, A., **J. Millum**, C. Grady, D. Wendler 'Avoiding Exploitation in Multinational COVID-19 Vaccine Trials' *The BMJ*. 372 (2021): n541

Wendler, D., J. Ochoa, **J. Millum**, C. Grady, H. Taylor 'COVID-19 vaccine trial ethics once we have efficacious vaccines' *Science*. Vol. 370, Issue 6522, (2020): 1277-1279.

Millum, J. and D. Bromwich 'Respect for Persons'. In D. Mackay and Ana Iltis (eds.) *The Oxford Handbook of Research Ethics* (2020). Online.

Wasserman, D., G. Persad, and **J. Millum** 'Setting Priorities Fairly in Response to Covid-19: Identifying Overlapping Consensus and Reasonable Disagreement'. *Journal of Law and the Biosciences*. Volume 7, Issue 1, January-June 2020.

Millum, J. 'International Clinical Research and Justice in the Belmont Report'. *Perspectives in Biology and Medicine*, 63(2) (2020): 374–388.

Pierson, L., Gibert, S., Berkman, B., Danis, M., & **Millum, J.** (2020). 'Allocation of scarce biospecimens for use in research'. *Journal of Medical Ethics*. Online First.

John, T., and **J. Millum** 'First-Come, First-Served?' *Ethics*. Vol. 130, no. 2 (January 2020): 179-207.

Millum, J., Gamlund, E., Ngamasana, E., and Solberg, C.T. 'Age and the Disvalue of Death'. In Norheim, O.F., **J. Millum**, E. J. Emanuel (eds.) *Global Health Priority-Setting: Beyond Cost-Effectiveness*. Oxford University Press (2019): 239-261.

T. Ottersen, **Millum, J.**, Prah Ruger, J., Verguet, S., Johansson, K.A., Emanuel, E.J., Jamison, D., Norheim, O.F., 'The future of priority setting in global health'. In Norheim,

O.F., **J. Millum**, E. J. Emanuel (eds.) *Global Health Priority-Setting: Beyond Cost-Effectiveness*. Oxford University Press (2019): 317-325.

Millum, J. and M. Garnett 'How Payment for Research Participation Can Be Coercive' *The American Journal of Bioethics* (2019) 19(9): 21-31.

Millum, J., Beecroft, B., Hardcastle, T.C., Hirshon, J.M., Hyder, A.A., Newberry, J.A., Saenz, C. 'Emergency care research ethics in low- and middle-income countries' *BMJ Global Health* (2019) 4(S6):e001260

Millum, J., Campbell, M., Luna, F., Malekzadeh, A., Karim, Q.A. 'Ethical Challenges in Global Health-related Stigma Research' *BMC Medicine* (2019) 17:84.

Duran, D., Asada, Y., **Millum, J.**, Gezmu, M. 'Harmonizing Health Disparities Measurement' *American Journal of Public Health* 109, no. S1 (January 1, 2019): S25-S27.

Millum, J. 'Putting a Number on the Harm of Death'. In Espen Gamlund & Carl Tollef Solberg (eds.) *Saving People from the Harm of Death*. Oxford University Press (2019): 61-75.

Pierson, L. and **J. Millum** 'Health Research Priority-Setting: The Duties of Individual Funders' *The American Journal of Bioethics* 18(11) (2018):6-17.

Millum, J. and D. Wendler 'The Duty to Rescue and Randomized Controlled Trials Involving Serious Diseases' *Journal of Moral Philosophy*. 15 (2018): 298-323.

Millum, J. and D. Bromwich 'Understanding, Communication, and Consent' *Ergo* 5(2) (2018): 45-68.

Bromwich, D. and **J. Millum** 'Lies, Control, and Consent: A Response to Dougherty and Manson' *Ethics* 128(2) (2018): 446-461.

Sharp, D. and **J. Millum** 'Prioritarianism for Global Health Investments: Identifying the Worst Off' *Journal of Applied Philosophy* (2018) 35(1): 112-132.

Mukherjee, A., Livinski, A.A., **Millum, J.**, Chamut, S., Boroumand, S., Iafolla, T.J., Adesanya, M.R. and Dye, B.A., 2017. 'Informed consent in dental care and research for the older adult population: A systematic review' *Journal of the American Dental Association*. (2017) Apr;148(4):211-220.

Barsdorf, N. and **J. Millum** 'The Social Value of Research and the Worst Off' *Bioethics* 31 (2) 2017: 105-115.

Bromwich, D. and **J. Millum** 'Informed Consent to HIV Cure Research' *Journal of Medical Ethics*. (2017) 43(2):108-113.

John, T., **J. Millum**, and D. Wasserman 'How to allocate scarce health resources without discriminating against people with disabilities' *Economics & Philosophy* 33.2 (2017): 161-186.

Du Toit, J. and **J. Millum** 'Are indirect benefits relevant to health care allocation decisions?' *Journal of Medicine and Philosophy*. 41 (5) (2016): 540-557.

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.

Heazell, A., Siassakos, D., Blencowe, H., Bhutta, Z.A., Cacciatore, J., Dang, N., Das, J., Flenady, V., Gold, K.J., Mensah, O.K., **Millum, J.**, Nuzum, D., O'Donoghue, K., Redshaw, M., Rizvi, A., Roberts, T., Saraki, H.E.T., Storey, C., Wojcieszek, A.M., Downe, S., 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*. 42 (2016):260-264.

Qureshi, Z.U., **J. Millum**, H. Blencowe, M. Kelley, E. Fotrell, J. E. Lawn, A. Costello, T. Colbourn. 'Stillbirth should be given greater priority on the global health agenda' *The BMJ* 351 (2015):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):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 and correspondence

Millum, J. 'How to Identify Priority Questions for Bioethics Research' *The American Journal of Bioethics*, 22:1 (2022): 17-18.

Bromwich, D. and **J. Millum** 'Response to Open Peer Commentaries on "Informed Consent: What Must Be Disclosed and What Must Be Understood?"' *American Journal of Bioethics*. 21:7 (2021): W1-W5

Millum, J. and M. Garnett 'Response to Open Peer Commentaries on "How Payment for Research Participation Can Be Coercive"' *American Journal of Bioethics*. 20:8 (2020): W8-W11.

Millum, J. and L. Pierson 'Response to Open Peer Commentaries on "Health Research Priority Setting: The Duties of Individual Funders"' *American Journal of Bioethics*. 19:1 (2019): W5-W7.

Millum, J. 'The "Reasonable Subject Standard" as an Alternative to the "Best Interest Standard"' *American Journal of Bioethics*, 18:8 (2018): 66-67

Danis, M., S. Doernberg, M. Memoli, & **J. Millum** (2018) 'Best to Exclude but Pay' *American Journal of Bioethics*, 18:4 (2018): 87-88

Pierson, L. and **J. Millum** 'Disease Prevalence and the Magnitude of Research Benefits'. *American Journal of Bioethics*. 18:4 (2018): 73-74

Pierson, L. and **J. Millum** 'The limits of research institutions in setting research priorities'. *Journal of Medical Ethics*. 43 (2017):810-811..

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)

Blog Posts and Popular Writing

Millum, J., 'Against Weighted Lotteries For Scarce COVID-19 Treatments'. *Health Affairs Blog*, 26 October 2020.

<https://www.healthaffairs.org/doi/10.1377/hblog20201021.995306/full/>

Barugahare, J. and J. Millum, 'Equitable global access to a COVID-19 Vaccine: How much is too much to ask?' *Public Health Emergency Preparedness and Response Ethics Network*, 20 July 2020.

<https://epidemicethics.tghn.org/community/blogs/post/258785/2020/07/equitable-global-access-to-a-covid-19-vaccine-/>

Millum, J. and G. Persad, 'Fair Coronavirus Triage Guidelines – Not Business as Usual – Will Save More Patients with Disabilities'. *Denver Post*, 7 April, 2020.

Millum, J. 'Who Are The Vegetarians?: Part 2'. Faunalytics Blog, April 17, 2019.

<https://faunalytics.org/who-are-the-vegetarians-part-2/>

Millum, J. 'Who Are The Vegetarians?'. Faunalytics Blog, June 20, 2018.

<https://faunalytics.org/who-are-the-vegetarians/>

Mandava, A. and J. Millum 'What should geneticists do when they find out family secrets?' *Aeon*, 18 December, 2015.

Millum, J. 'Romanian Orphans Study: A Bioethicist Responds to Ethical Concerns' *Hastings Center Forum*, 22 November, 2013.

<https://www.thehastingscenter.org/romanian-orphans-study-a-bioethicist-responds-to-ethical-concerns/>

SELECTED PRESENTATIONS

- 2022 **Health spending and the non-identity problem.** 96th Joint Session of the Aristotelian Society and the Mind Association. University of St Andrews, UK. 10 July 2022.
- 2022 **Lying to our children.** Society for Applied Philosophy Annual Conference. University of Edinburgh, UK. 1 July 2022
- 2022 **Assessing the effects of interventions that affect birth rates.** International Society for Priorities in Health. Bergen, Norway. 28 April 2022
- 2022 **Response to our critics.** DeGrazia and Millum's *A Theory of Bioethics*. Rutgers University, NJ. 22 April 2022
- 2022 **Lying to our children.** Institute of Philosophy. University of London, UK. 25 February 2022
- 2021 **Response to my critics.** Symposium on The Moral Foundations of Parenthood, Virtual. 2 December 2021
- 2021 **The separate grounds of competence** (with Danielle Bromwich). Rocky Mountain Ethics Congress, Virtual. 12 August 2021
- 2021 **Ethical challenges in global health-related stigma research.** Consortium of Universities for Global Health, Virtual. 4 March 2021
- 2020 **Effective COVID-19 vaccine(s)? Ethical implications for vaccine research in 2021.** PHEPREN and the Global Health Network, Virtual. 14 December 2020
- 2020 **Duties towards research participants in vaccine trials for Covid-19.** Pan-American Health Organization, Virtual. 27 October 2020
- 2020 **The perils of "weighted lotteries" for scarce Covid-19 treatments and vaccines.** American Society for Bioethics & Humanities, Virtual. 18 October 2020
- 2020 **Vaccine Trials for COVID-19: Is There an Obligation to Offer the First Vaccine Shown to be Effective to All Participants?** Clinical Center Ethics Grand Rounds, Virtual. 7 October 2020
- 2020 **Health Research Funding and the Burden of Disease.** New Scholarship in Bioethics 10th Annual Symposium, Virtual. 5 August 2020

- 2020 **Global Health Priority-Setting: Beyond Cost-Effectiveness.** World Congress of Bioethics, Virtual. 19-21 June 2020
- 2020 **Setting Priorities for Research Funding: Whose Burden of Disease?** Wharton School of the University of Pennsylvania, 23 January 2020
- 2019 **Fair Chances for Expensive Patients.** American Society for Bioethics & Humanities, Pittsburgh, PA, 24 October 2019
- 2019 **Consent & Misunderstanding: The Challenge of Medical Research.** Normative Powers in Law and Morality, Faculty of Philosophy, Oxford University, UK 4 July 2019
- 2019 **Informed Consent: What Must be Disclosed and What Must be Understood?** New Scholarship in Bioethics 9th Annual Symposium, Larrouy, France, 11 June 2019
- 2019 **Commentary on “Degrees of Consent” by Tom Dougherty.** American Philosophical Association, Pacific Division Meeting, Vancouver, Canada, 20 April 2019
- 2019 **An Ethical Framework for Parental Decision-making.** Children’s Mercy Hospital, Kansas City, MO, 4 March 2019
- 2019 **No Right to an Open Future.** American Philosophical Association, Central Division Meeting, Denver, CO, 23 February 2019
- 2018 **Can Ruger’s theory of governance address resource allocation dilemmas in global health?** World Congress of Bioethics, Bangalore, India, 6 December 2018
- 2018 **Priorities for Research Funding: Whose Burden of Disease?** World Congress of Bioethics, Bangalore, India, 5 December 2018
- 2018 **The Ethical Foundations of the Disclosure Requirement** (with Danielle Bromwich). Meeting New Challenges in Informed Consent in Clinical Research, Office for Human Research Protections, Rockville, MD, 7 September 2018
- 2018 **The Role of Philosophy in the Education of Medical Students.** International Conference on Medical Humanities, University of Colombo, Sri Lanka, 12 July 2018
- 2018 **Consent to Medical Research** (with Danielle Bromwich). Canadian Philosophical Association Annual Congress, University of Montreal, 4 June 2018

- 2018 **Priority setting and disadvantage: A defense of the total advantage view.** Asian Bioethics Review Research Conference, National University of Singapore, 5 February 2018
- 2017 **A new standard for parental decision-making.** American Society for Bioethics & Humanities, Kansas City, MO, 21 October 2017
- 2017 **Allocating Resources For Global Health: How Should We Value Life?** Institute for Health and Social Policy, McGill University. 11 October 2017
- 2017 **Lies, Control, and the Informational Requirements of Consent** (with Danielle Bromwich). Canadian Philosophical Association Annual Congress, Ryerson University. 28 May 2017
- 2016 **Putting a Number on the Harm of Death.** International Society on Priorities in Health Care, University of Birmingham, UK. 9 September 2016
- 2016 **What Does the Duty to Rescue Imply for Clinical Research? The Ethics of Research During an Epidemic: Lessons from Ebola,** Kings College London. 5 May 2016
- 2015 **Prostate Cancer Screening in Tanzania: Ethical Considerations.** National Cancer Institute. 4 November 2015
- 2015 **Understanding, Communication, and Consent.** American Society for Bioethics & Humanities, Houston, TX. 23 October 2015
- 2015 **Putting a Number on the Harm of Death, Saving Lives from the Badness of Death,** University of Oslo. 21 June 2015
- 2015 **Prioritarianism for Global Health Investments,** Invited Speaker Series, Johns Hopkins Berman Institute of Bioethics. 23 February 2015
- 2014 **NIH Guidance on Post-trial Access to Antiretroviral Treatment, Post-Trial Responsibilities: Ethics and Implementation,** Petrie-Flom Center, Harvard Law School, 18 September 2014
- 2014 **Valuing Stillbirths,** World Congress of Bioethics, Mexico City, 26 June 2014
- 2014 **The New Declaration of Helsinki: Ethical Principles for Research on Human Subjects from the World Medical Association,** Pan-American Health Organization (PAHO), Washington, DC, 12 June 2014

- 2014 **The ethics of Transactions in an Unjust World**, Sharing Bodies Within and Across Borders Symposium, Swedish Collegium for Advanced Study and Linköping University, Sweden, 23 May 2014
- 2013 **The Declaration of Helsinki: 2013 Revisions**, Public Responsibility in Medicine and Research (PRIM&R) Advancing Ethical Research Conference, Boston, MA, 6 November 2013
- 2013 **Two Approaches to Measuring How Bad It Is to Die**, American Society for Bioethics & Humanities, Atlanta, GA, 27 October 2013
- 2013 **The Informational Requirements for Informed Consent** (with Danielle Bromwich), Workshop on Frontiers of Informed Consent, Northeastern University, Boston, MA, 29 September 2013
- 2013 **Problems with acquired potential accounts of the badness of death**, Priorities in Global Health 2020, University of Pennsylvania, 7 May 2013
- 2013 **Two Approaches to Assessing How Bad it is to Die**, Three Rivers Philosophy Conference, University of South Carolina, 12 April 2013
- 2012 **Methodological necessity and the justification of placebo-controlled trials**, American Society for Bioethics & Humanities, Washington, DC, 21 October 2012
- 2012 **Ethical Relativism and International Health Research**, Schulman Associates IRB, Cincinnati Children's Hospital Medical Center, University of Cincinnati, and University of Kentucky, 5 October 2012
- 2012 **Parental Rights: How and What**, Department of Philosophy Colloquium, Dalhousie University, 17 August 2012
- 2012 **Methodological necessity and the justification of placebo-controlled trials**, World Congress of Bioethics, Rotterdam, 28 June 2012
- 2012 **Valuing Life-years Gained at Different Ages**, Priorities in Global Health 2020, University of Bergen, Norway, 24 June 2012
- 2012 **Individual Obligations and Global Health**, 32nd Annual Philosophy Symposium, Salisbury University, MD, 5 May 2012
- 2012 **Manipulation and the Recruitment of Participants for Medical Research** (with Amulya Mandava), Workshop in Applied Ethics and Policy, Bowling Green State University, OH, 17 March 2012

- 2011 **Consent Under Pressure: Third Party Coercion and Medical Research**, Speaker Series in Applied Philosophy, University of Massachusetts – Boston, 4 November 2011
- 2011 **Should physicians always refuse to force feed hunger strikers?**, American Society for Bioethics & Humanities, Minneapolis, MN, 16 October 2011
- 2011 **Consent Under Pressure**, University of KwaZulu-Natal, South Africa, 21 June 2011
- 2010 **How Should Fair Benefit-Sharing Arrangements be Decided?**, World Congress of Bioethics, Singapore, 28 July 2010
- 2010 **Global Justice and Bioethics**, 2nd Horiba GABEX International Conference, Facing the Global Challenges in Bioethics, University of Tokyo, 11 January 2010
- 2008 **International Bioethics Capacity Building**, Public Responsibility in Medicine and Research (PRIM&R), Advancing Ethical Research Conference, Orlando, FL, 17 November 2008
- 2008 **Parental Work and Parental Rights**, Bearing And Rearing Children: The Ethics Of Procreation And Parenthood, University of Cape Town, South Africa, 27 May 2008
- 2008 **Filial Duties of Care**, American Philosophical Association Pacific Division Annual Meeting, Los Angeles, CA, 20 March 2008
- 2007 **Obligations to Participants in Research Trials in Developing Countries**, American Society of Tropical Medicine and Hygiene 56th Annual Meeting, 5 November 2007
- 2007 **How to be a Responsible Parent**, Society for Applied Philosophy Annual Conference, University of Manchester, UK, 30 June 2007
- 2007 **How Do We Acquire Parental Responsibilities?**, Canadian Philosophical Association Annual Conference, University of Saskatchewan, 29 May 2007
- 2006 **An Investment Theory of Parenthood**, Western Canadian Philosophical Association Annual Conference, University of British Columbia, 14 October 2006
- 2006 **The Incest Prohibition: A Counter-example to Evolutionary Naturalism**, Canadian Philosophical Association Annual Congress, York University, 30 May 2006

- 2005 **Moral vs. Biological Explanations**, Canadian Philosophical Association Annual Congress, University of Western Ontario, 31 May 2005
- 2005 **Moral Realism and Natural Kinds**, American Philosophical Association Central Division Annual Meeting, Chicago, IL, 28 April 2005
- 2004 **A Functional Foot?**, Canadian Philosophical Association Annual Congress, University of Manitoba, 1 June 2004
- 2003 **How to Derive a Moral 'Ought' from a Biological 'Is'**, Canadian Philosophical Association Annual Congress, Dalhousie University, 1 June 2003
- 2003 **The Harm of Moral Distress**, The International Society for Utilitarian Studies: Utilitarianism, Human Rights and Globalization, Lisbon, 13 April 2003

SERVICE & AWARDS

Service at St Andrews University

2022 Deputy Director of Teaching, Department of Philosophy

Service at the National Institutes of Health

Leadership

2017 - 2019 Leader, Working Group on Ethics of Emergency Care Research, Center for Global Health Studies, Fogarty International Center

2017 - 2019 Leader, Working Group on Ethics of Global Stigma Research, Center for Global Health Studies, Fogarty International Center

2010 - 2021 Coordinator, Clinical Center Bioethics Fellowship selection

2008 – 2021 Attending Consultant, Bioethics Consultation Service, Clinical Center

Other service

2007 – 2021 Trans-NIH Bioethics Committee

2008 – 2021 Clinical Center Ethics Committee

2019 - 2021 National Institutes of Health Institutional Review Board

2020 – 2021 Fogarty International Center, Anti-harassment Subcommittee

2020 Bioethics reviewer, Clinical Science Review Committee, Division of AIDS, NIAID

2009 – 2019 Combined Neurosciences Institutional Review Board (Blue Panel)

2012 – 2019 Alternate member, Combined Neurosciences Institutional Review Board (White and Purple Panels)

2013 – present Coordinating Committee for Bioethics Research & Training

2016 – 2018 Working Group for Methods and Measurement Science in Health Disparities, National Institute on Minority Health and Health Disparities

2016 – 2018 Working group for the Trans-NIH Minority Health and Health Disparities Strategic Plan

- 2008 – 2010 TNBC Data and Specimen sub-committee
- 2007 – 2008 Fellow, Bioethics Consultation Service, Clinical Center

Professional service

- 2022 - present Chairperson, *International Society for Priorities in Health*
- 2021 – present Member, *HIV Prevention Trials Network Ethics Working Group*
- 2021 – present Editorial board, *The Philosophical Quarterly*
- 2018-present Editorial board, *Asian Bioethics Review*
- 2006-present **Reviewing**
 Granting agencies: *National Institute of Allergy and Infectious Diseases, NIH; National Science Foundation*
- Journals: Journal of Medical Ethics, 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, Philosophical Quarterly, Australasian Journal of Philosophy, Philosophy & Phenomenological Research, Ethics*
- 2016-present Organizing Committee, International Society for Priorities in Health
- 2011-present Organizing Committee, New Scholarship in Bioethics ymposium
- 2013-2014 Philosophy Subcommittee, American Society for Bioethics and Humanities
- 2007 – 2009 Steering Committee, Global Forum for Bioethics in Research
- 2004 – 2008 Member, American Philosophical Association
- 2003 – 2007,
2017 – 2018 Member, Canadian Philosophical Association

Awards

2020	Elected Hastings Center Fellow, The Hastings Center Fellows Council
2005	Nomination: TATP Teaching Assistants Excellence Award, University of Toronto
2004	1st Place, Canadian Philosophical Association Student Essay Prize
2004	Winner, Martha Lile Love Teaching Award, Department of Philosophy, University of Toronto
2002-2004	George Paxton Young Memorial prize, University of Toronto
2000-2001	Beatty Fellowship, University of Toronto
1999	University of Edinburgh Philosophy of Science Prize, University of Edinburgh Moral Philosophy Prize
1998	Bruce of Grange Scholarship to study at Dartmouth College, NH
1997	University of Edinburgh Logic Prize

TEACHING

Teaching at University of St Andrews

Supervision

Ph.D. supervisee (secondary supervisor): David MacDonald (2022 -)

MLitt supervisees: Iwan Alijew (2022), Yumin Liu (2022)

Classroom instruction

2022 PY4657 Philosophy of Economics

2022 PY4625 Global Justice

Teaching at the National Institutes of Health

Supervision

Current mentee at Clinical Center Department of Bioethics: Lauren Harcarik, BA.

Past mentees at Clinical Center Department of Bioethics: Chiara Lepora, MD (2008-2010); Amulya Mandava, BA (2010-2012); Christina Rulli, PhD (2011-2013); Daniel Sharp, BA (2012-2014), Jessica du Toit, MA (2013-2015); Tyler John, BA (2014-2016), Leah Pierson, BA (2016-2018), Ben Schwan, PhD (2018-2020), Jacob Zions, MLitt (2020-2022).

Ph.D. supervisee: Nicola Barsdorf, MA MSc PhD (2009-2011)

Ph.D. dissertation committee: Katherine Saylor, M.S.

Classroom instruction

2016 – 2022 Moral Theory; Introduction to Priority Setting
Clinical Center Department of Bioethics Fellows Seminar series

2010 – 2021 Global Health Ethics
Foundation for Advanced Education in the Sciences, NIH

2013 – 2021 Bioethics Consultation
Nursing Department, NIH Clinical Center

2009 – 2021 Introduction to Research Ethics
Fogarty International Clinical Research Scholars/Fellows
Orientation Program

2007 – 2021 International Research Ethics
Ethical & Regulatory Aspects of Human Subjects Research, NIH
Clinical Center

- 2008 – 2021 Ad hoc classes and training sessions for:
- Division of AIDS, National Institute on Allergy and Infectious Diseases
 - National Cancer Institute
 - PRIM&R Advanced Research Ethics Workshop
 - George Washington University
- 2007 - 2021 Teaching and co-organizing 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, South Africa, Thailand.

Teaching at University of Toronto

Course Instructor

- Spring 2006 Topics in Ethical Theory
- Fall 2005 Philosophy of Science
- Spring 2004 Science and Pseudo-science
- Fall 2003 Philosophy of Science

Tutorial Leader

- Summer 2005 Ethics, Genetics and Reproduction
- 2004 – 2005 Bioethics
- Summer 2003 Introduction to Philosophy
- Spring 2003 Science and Social Issues
- 2002 – 2003 Introduction to Philosophical Problems
- Summer 2002 Modern Symbolic Logic
- 2001 – 2002 Introduction to Philosophical Problems

Grading

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

Teacher training

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