

TIMOTHY MARK KRAHN

[Novel Tech Ethics](#)

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I. EDUCATION

M.A. Philosophy (specialization in Bioethics) University of Ottawa 2013

THESIS: [Reflections on the law and ethics of regulating preimplantation genetic diagnosis in the United Kingdom](#)

CO-SUPERVISORS:

[Ian Kerr](#). Professor of Law and Philosophy

[Jennifer Chandler](#). Professor of Law

B.A. Hons. Philosophy University of Winnipeg 1991

II. EMPLOYMENT

Research Associate & Training Co-ordinator

- 2018-present. [Susan Kirkland](#), Professor, Community Health and Epidemiology, Dalhousie University and Canadian Longitudinal Study on Aging.

Research Associate

- 2007-2011; 2013-present. [Françoise Baylis](#). Professor, Faculty of Medicine and Department of Philosophy, Dalhousie University. Grants:
 - Canada Research Chairs: Impact ethics: making a difference
 - CIHR: Eggs and embryos for research
 - CIHR: States of mind: Emerging issues in neuroethics - Expanding and extending our understanding of what belongs in the field of Neuroethics
 - CIHR: Therapeutic hopes and ethical concerns: The ethics of gene transfer for glioblastoma and stem cell transplantation for Parkinson's Disease
 - CIHR: Towards single embryo transfer in the human
- 2013-2014; 2017-present. [Matthew Herder](#). Associate Professor, Faculty of Medicine and Health Law Institute, Dalhousie University. Grants:
 - CIHR: The CIHR emerging health researchers and the commercialization of academic science operating grant
 - Genome Canada: Ignite: Sparking hope for orphan diseases

Knowledge Translation Consultant

- 2014-2015. President's Office Strategic Initiative and Faculty of Medicine, Dalhousie University.

Project Co-ordinator

- 2013-2014. [Susan Kirkland](#), Professor, Community Health and Epidemiology, Dalhousie University and [Atlantic Interdisciplinary Research Network for the Social and Behavioural Issues in Hepatitis C and HIV/AIDS](#). Grant:

- Public Health Agency of Canada: [Exploring the Landscape of Communicable Diseases in Atlantic Canada](#).

Research Assistant

- 2016-present. [Lynette Reid](#) (Associate Professor, Department of Bioethics, Dalhousie University). Review of ethics of cervical cancer screening. Contract for CADTH (Canadian Agency for Drugs and Technologies in Health).
- 2015-present. [Frederic Gilbert](#). ARC DECRA Fellow. School of Humanities. Ethics, Policy and Public Engagement University of Tasmania.
 - Neuroethics of implantable brain devices for treatment of neurological and psychiatric conditions.
- 2014-2016. [Letitia Meynell](#). Associate Professor, Department of Philosophy, Dalhousie University.
 - Building ethics literacy and capacity through education in the sciences.
- 2009-present. [Nuala Kenny](#). Emeritus Professor, Bioethics Department, Dalhousie University.
 - Projects on public health ethics, neuroethics, clinical ethics and organizational ethics.
 - Copy Editing. 2012. [Healing the church: Diagnosing and treating the clergy sexual abuse crisis](#). Novalis.
- 2005-2006; 2012-2013. [Françoise Baylis](#). Professor, Faculty of Medicine and Department of Philosophy, Dalhousie University.
 - CIHR: [Family-making: contemporary ethical challenges](#).
 - Canada Research Chair: Justice for all: What duty do we have to our descendants to develop or resist new technologies?
 - CIHR: Our cells/ourselves: The Ethics of embryonic stem cell research.
 - CIHR: Model systems strategic research network – Developing an ethics framework for the design of pre-clinical stem cell research.
- 1995. Pierre Laberge. Professor, Department of Philosophy, University of Ottawa.

Senior (Social Services) Counsellor for persons with developmental disabilities

- 2004-2005. Tamir Foundation, Ottawa ON.

Primary (Social Services) Counsellor for persons with developmental disabilities

- 2002-2003. Tamir Foundation, Ottawa ON.

Sessional Lecturer

- 1997-2000. Department of Philosophy, University of Winnipeg.

Teaching Assistant

- 1996. [Graeme Hunter](#). Professor, Department of Philosophy. University of Ottawa.

Foreign Language Assistant

- 1993-1994. Realschule III im Schulzentrum. Ludwigshafen am Rhein, Germany.

Paraprofessional/Educational Assistant

- 1996/97 and 2001. Seven Oaks School Division, Winnipeg MB.

Residential (Social Services) Counsellor for persons with developmental disabilities.

- 1988-1992 (part-time). [Prairie Places](#) and [Dasch](#), Winnipeg MB.

III. CONTRACTS

Literature review for annotated bibliography

- 2006. '[Editorial independence and accountability](#) - A submission made to the *Canadian Medical Association Journal* Acting Editor in Chief, Editor Emeritus, and Interim Editorial Board and Advisor to the *ad hoc CMAJ* Governance Review Committee.'
- Advisor to the Interim Editorial Board: [Jocelyn Downie](#). Professor, Health Law Institute, Dalhousie University.

Public education consulting

- 2013. Café Scientifique. Immunology: Arthritis, transplants and vaccines.
 - CIHR Immunology Network and Canadian Centre for Vaccinology, Dalhousie University; Capital Health; IWK Health Centre
- 2010. [Sci Fi Movie and Panel Discussion Series](#).
 - Situating Science Knowledge Cluster, Atlantic Node. Halifax NS.

Graphic design

- 2009. Professional conference poster preparation.
 - Associate Professor Joan Harbison. School of Social Work, Dalhousie University.

IV. AWARDS AND HONOURS

A. ACADEMIC

- Canadian Bioethics Society Student Abstract Award. 2014. \$600.
- University of Ottawa Excellency Scholarship. 2012. University of Ottawa. \$10000
- Ontario Graduate Scholarship. 2012. University of Ottawa. \$15000
- Graduate Studies Entrance Scholarship. 1995. University of Ottawa. \$5549
- Governor-General's Silver Medal, highest standing in Arts (Honours Programme). 1991. University of Winnipeg.
- University Gold Medal in Philosophy (Honours Programme), University of Winnipeg.
- Peat-Goodridge Prize. 1991. University of Winnipeg. \$100
- Student of Highest Distinction. 1991. University of Winnipeg.
- German-Canadian Business and Professional Association of Manitoba Scholarship. 1989. \$150
- Doctor David Owen Memorial Scholarship in Philosophy. 1989. University of Winnipeg. \$700
- Student of Highest Distinction. 1989. University of Winnipeg.
- Academic Proficiency Scholarship (Winnipeg RH Institute). 1989. University of Winnipeg. \$350

- Academic Proficiency Scholarship (Winnipeg RH Institute). 1988. \$350
- Student of Highest Distinction. 1988. University of Winnipeg.
- Sydney Gallis Memorial Scholarship. 1987. University of Winnipeg. \$250
- Academic Proficiency Scholarship (Board of Regents). 1986. University of Winnipeg. \$350
- The Isbister Undergraduate Scholarship. 1986. University of Winnipeg. \$150
- Student of Highest Distinction. 1986. University of Winnipeg.
- Class of '69 Alumni Entrance Scholarship. 1984. University of Winnipeg. \$775.50

B. COMMUNITY SERVICE

- Community-minded award. 2004. Tamir Foundation, Ottawa ON.
- Communication award. 2003. Tamir Foundation, Ottawa ON.

V. GRANTS FOR BRINGING HEALTH SCIENCE & ETHICS RESEARCH TO THE PUBLIC

A. GRANTS AWARDED

1. **Krahn TM** (Co-Principal Applicant with Fenton, A). Respect your fellow 'earthling': what we owe other animals. \$3000. *Royal Society of Canada Atlantic Open Academy Program*.
2. **Krahn TM** (Co-Principal Applicant with Baylis, F). "Highs and lows": cannabis use, genetics, and mental illness. \$2984.50. *Royal Society of Canada Atlantic Open Academy Program*.
3. **Krahn TM** (Co-Principal Applicant with Baylis F). Alzheimer's and aging: finding our way forward together. \$3000. *Royal Society of Canada Atlantic Open Academy Program*. January 2016 (several events across Alzheimer's Awareness month).
4. **Krahn TM** (Principal Applicant). Genes and environment: children and youth at risk for mental health problems. *Canadian Institutes of Health Research – Café Scientifique*, \$3000. 16 April 2014. Ranked 14th in competition with 105 applicants, 100 approved.
5. **Krahn TM** (Principal Applicant). Down syndrome research and its future agenda for Canada. *Canadian Institutes of Health Research – Café Scientifique*, \$3000. 21 March 2013, Dalhousie University, Halifax, NS. Ranked 6th in competition with 94 applicants, 82 approved.
6. **Krahn TM** (Principal Applicant). Should youth hockey be safer? Dealing with and preventing concussion. *Canadian Institutes of Health Research - Café Scientifique*, \$3000. 21 November 2011, Dalhousie University, Halifax NS. Ranked 12th in competition with 98 applicants, with 86 approved.
7. **Novel Tech Ethics** (Principal Applicant). Autism: Research priorities and the public purse. *Canadian Institutes of Health Research - Café Scientifique*, \$3000. Written by Timothy Krahn. 16 and 18 February 2009, Dalhousie University, Halifax NS. Rank not given.

B. GRANTS IN PREPARATION/REVIEW

VI. CONTRIBUTIONS TO SCHOLARSHIP

A. REFEREED PUBLICATIONS

1. Baylis F, Darnovsky M, Hasson K, and **Krahn TM**. (2020). [Human germ line and heritable genome editing: The global policy landscape](#). *CRISPR Journal* 2020 Oct; 3(5):365-377. doi: [10.1089/crispr.2020.0082](https://doi.org/10.1089/crispr.2020.0082). PMID: 33095042
 - Darnovsky M, Hasson K, and **Krahn TM**. Response to Levrier re: Human germline and heritable genome editing: The global policy landscape. Published online: 19 Feb 2021, pages 4-5. <https://doi.org/10.1089/crispr.2021.29122.are>
2. Capps B, van der Eijk Y, and **Krahn TM**. (2020). [Conflicts of interest in e-cigarette research: A public good and public interest perspective](#). *Bioethics* 34(1):114-122. doi: [10.1111/bioe.12619](https://doi.org/10.1111/bioe.12619). Epub 2019 Aug 25. PMID: 31448428
3. Toohey AM, and **Krahn TM**. 2018. ['Simply to be let in': opening the doors to lower-income older adults and their companion animals](#). *Journal of Public Health (Oxf)* 40(3):661-665. <https://doi.org/10.1093/pubmed/fox111>.
4. **Krahn TM**, and Baylis F. 2016. [A review of consent documents from Canadian IVF clinics, 1991 to 2014](#). *Journal of Obstetrics and Gynaecology Canada* 38(5): 470-482. DOI: 10.1016/j.jogc.2016.02.008. Epub 2016 Apr 29.
5. Herder M, and **Krahn TM**. 2016. [Some numbers behind Canada's decision to adopt an orphan drug policy: US orphan drug approvals in Canada, 1997-2012](#). *Healthcare Policy* 11(4):70-81. DOI:10.12927/hcpol.2016.24626.
6. **Krahn TM**. 2014. [Care Ethics for guiding the process of Multiple sclerosis diagnosis](#). *Journal of Medical Ethics* 40(12): 802-806. (DOI: 10.1136/medethics-2011-100063).
7. **Krahn TM**, and Fenton A. 2012. [Funding priorities: Autism and the need for a more balanced research agenda in Canada](#). *Public Health Ethics* 5(November/3): 296-310. DOI: 10.1093/phe/phs027.
8. **Krahn TM** and Fenton A. 2012. [The extreme male brain theory of autism and the potential adverse effects for boys and girls with autism](#). *Journal of Bioethical Inquiry* 9(1): 93-103. DOI: 10.1007/s11673-011-9350-y.
9. **Krahn TM**, and Outram S. 2012. ["Go Now": A popular film showing the potential for "masculinity" to facilitate health-promoting behaviours](#). *International Journal of Men's Health* 11(Summer/2): 107-126.
10. **Krahn TM**. 2011. ['Seriousness' and the regulation of preimplantation genetic diagnosis: The case of Down's syndrome](#). *Medical Law Review* 19(2): 157-191. DOI:10.1093/medlaw/fwr009.
11. **Krahn TM**, and Wallwork T. 2011. [Who cares about consent requirements for sourcing human embryonic stem cells? Are errors in the past, really errors of the past?](#) *Accountability in Research* 18(4): 250-288. DOI 10.1080/08989621.2011.584763.
12. Gilbert F, Burns L, and **Krahn T**. 2010. [The inheritance, power and predicaments of the 'brain-reading metaphor'](#). *Medicine Studies* 2(4):229-244. DOI 10.1007/s12376-010-0054-0.
13. **Krahn T**, Fenton A, and Meynell L. 2010. [Novel neurotechnologies in film - a reading of Steven Spielberg's *Minority Report*](#). *Neuroethics* 3(1):73-88. DOI 10.1007/s12152-009-9038-8.
14. Baylis F, and **Krahn T**. 2009. [The trouble with embryos](#). *Science Studies* 22(2):31-

54.

15. **Krahn T**, and Wong SI. 2009. [Preimplantation genetic diagnosis and reproductive autonomy](#). *Reproductive Biomedicine Online. Ethics Bioscience and Life Supplement* 19(2):34-42. DOI:10.1016/S1472-6483(10)60275-1.
16. **Krahn T**, and Fenton A. 2009. [Autism, empathy, and questions of moral agency](#). *Journal for the Theory of Social Behaviour* 39(2): 145-166. DOI: 10.1111/j.1468-5914.2009.00402.x.
17. **Krahn T**. 2009. [Preimplantation genetic diagnosis: Does age of onset matter \[anymore\]?](#) *Medicine, Health Care and Philosophy* 12(2): 187-202. DOI:10.1007/s11019-008-9171-x.
18. Reid L, and **Krahn T**. 2007. [Minimal risk in Canada's Tri-Council Policy Statement](#). *Health Law Journal* 15: 469-513.
19. Fenton A, and **Krahn T**. 2007. [Autism, neurodiversity, and equality beyond the 'normal'](#). *Journal of Ethics in Mental Health* 2 (2): 1-6, online.
20. **Krahn T**. 2007. [Where are we going with preimplantation genetic diagnosis?](#) *Canadian Medical Association Journal*. 176 (10): 1445-1446 (DOI: 10.1503/cmaj.061690).

B. BOOK CHAPTERS

1. **Krahn TM**. 2014. [Traumatic Brain Injury and the use of documentary narrative media to redress stigma](#). Edited by J Clausen and N Levy. *Handbook of Neuroethics*. New York: Springer: 1501-1524. DOI: 10.1007/978-94-007-4707-4_126. (Print ISBN: 978-94-007-4706-7 | Online ISBN: 978-94-007-4707-4).
2. **Krahn T**. 2011. [The patient-physician journey to diagnosis: Go Now](#). Chapter 9.4 in: Colt, H, Quadrelli, S, and LD Friedman (eds.). *The Picture of Health: Medical Ethics and the Movies*. New York: Oxford University Press: 468-475. (ISBN13:9780199735365 | ISBN10: 0199735360).
3. Gilbert F, Burns L, and **Krahn T**. 2011. [The inheritance, power and predicaments of the 'brain-reading metaphor'](#). *Medicine Studies* 2(4):229-244 (DOI 10.1007/s12376-010-0054-0). Reprinted as chapter 4 of *Medical Imaging and Philosophy: Challenges, Reflections and Actions*. Edited by H Fangerau, RK Chhem, I Müller and S-C Wang. 2012. Stuttgart, Germany: Franz Steiner Verlag: 81-102. (ISBN-10: 3515100466 | ISBN-13: 978-3515100465).

C. NON-REFEREED PUBLICATIONS

1. **Krahn TM**, and Glannon W. 21 January 2016. [Wrinkles – Fear of Alzheimer's and aging](#). *Impact Ethics*.
2. Meynell L, and **Krahn TM**. 2015. [Applying applied ethics – A suggestion for how to move towards a more just university](#). *Focus* 23(3/Fall): 17-18.
3. Crozier GKC, and **Krahn TM**. 2015. [Ethical analyses of predictive brain implants should be consistent with feminist interpretations of autonomy](#). *American Journal of Bioethics for Neuroscience* 6(4): 48-49. DOI: 10.1080/21507740.2015.1094560.
4. Fenton A, and **Krahn T**. 2011. [Book review of Disability Bioethics: Moral Bodies, Moral Difference](#) by JL Scully. *Hypatia* 26(3): 651-655 (DOI: 10.1111/j.1527-2001.2011.01208.x).
5. Johnson LS, and **Krahn T**. 2010. [Intimate relationships and dementia - an](#)

- [extended commentary on *Away from Her*](#). *Journal of Ethics in Mental Health*: 5(1): 1-11, online.
6. Fenton A, and **Krahn T**. 2010. [Interrogating the boundary of human-level and T-moral status](#). *American Journal of Bioethics for Neuroscience*: 1(2): 61-63 (DOI: 10.1080/21507741003699330).
 7. **Krahn T**. 2009. [Building understanding of schizophrenia: An extended commentary on *The Soloist*](#). *Journal of Ethics in Mental Health* 4(2): 1-8, online.
 8. **Krahn T**. 2009. [Building a mental health ethics film series, building mental health ethics literacy](#). *Journal of Ethics in Mental Health* 4(1): 1-6, online. **Reprinted**. 2010. Mental health ethics literacy promoted through Dalhousie's film series. *PSR/RPS (Psychosocial Rehabilitation) Canada Express Newsletter* 6(1): 7-8.
 9. **Krahn T**. 2009. [Novel Tech Ethics. SCRIPTed – A Journal of Law, Technology and Society](#) 6(3):741-746 (DOI: 10.2966/scrip.060309.741).
 10. Fenton A, and **Krahn T**. 2008. [Who's to regret, what's to regret?](#) *American Journal of Bioethics* 8(2): 42-43 (DOI: 10.1080/15265160802015065).

D. REPORTS

1. Krahn, TM. Author of "[Legal risks](#)", which is a subsection of the general "Ethics" section as authored by Reid, L. 2019. [HPV Testing for Primary Cervical Cancer Screening](#). Toronto, ON: [Canadian Agency for Drugs and Technologies in Health Technology Assessment \(CADTH\)](#) – Medical Devices. PMID: 31246380. Bookshelf ID: [NBK543088](#)
2. Kirkland S, Patten S, **Krahn T**, Peddle S, and Gaspar M. 2014. [Exploring the landscapes of communicable diseases in Atlantic Canada](#). Halifax, NS: Public Health Agency of Canada, i-108.

E. PUBLICATIONS IN PREPARATION/REVIEW

1. **Krahn TM**, and Baylis, F. Bioethics, health policy-making, and the market for lemons. Target journal: *Monash Bioethics Review*.
2. **Krahn TM**. Mitochondrial replacement therapy: missing and misplaced ethical concerns. Target journal: *Nature Biotechnology*.
3. **Krahn TM**. Imbalances in Canadian Institutes of Health Research funding for Down syndrome research. Possible target journals: *Health Policy*, or *Canadian Journal of Public Health*.

F. REFEREED CONFERENCE WORKSHOPS

1. Kirkland S, Griffith L, Molnar-Szakacs I, and **Krahn TM**. Navigating the tides (of data): Research and training opportunities with the Canadian Longitudinal Study on Aging. Canadian Association on Gerontology Conference, Moncton, NB. 26 Oct 2019.

G. REFEREED CONFERENCE PRESENTATIONS

2. Kirkland S, Griffith L, Beckett J, **Krahn TM**, Makara K, Wolfson C, and Raina P. Using proxies to extend opportunities for research participation in the Canadian Longitudinal Study on Aging. Canadian Association on Gerontology Conference,

- Moncton, NB. 26 Oct 2019.
3. **Krahn, TM**, Austen, J, & Uher, R. Lessons from genetic counselling and a public education initiative on cannabis use, genetics, and mental illness. *Canadian Bioethics Society*. 25 May 2017, Halifax NS.
 4. **Krahn TM**. Quality concerns and problems with support for bioethics research. *Canadian Bioethics Society*. 25 May 2017, Montréal, QC.
 5. Fenton A, Meynell L, Peña-Guzmán D, and **Krahn TM**. Considering the perspectives of non-human animals in research ethics: Panel on science, society, and the philosophical animal. *Canadian Bioethics Society*. 26 May 2016, Toronto ON.
 6. Meynell L, and **Krahn TM**. Lessons from the Dalhousie Dentistry scandal on ethics capacity building and moral literacy. *Canadian Bioethics Society*. 26 May 2016, Toronto ON.
 7. **Krahn T**. Down Syndrome and rightful expectations for a more balanced research agenda in Canada. *Canadian Bioethics Society*. 29 May 2015, Winnipeg MB.
 8. **Krahn T**. Disclosure elements and the documentation of informed consent in Canadian IVF clinics: 1991 and 2014. *Canadian Bioethics Society*. 29 May 2015, Winnipeg MB.
 9. **Krahn T**, Fenton A, and Baylis F. Quality uncertainty, information asymmetry and defeated expectations: Bioethics and the market in lemons. *Canadian Bioethics Society*. 27 May 2015, Winnipeg MB.
 10. **Krahn T**, Fenton A, and Baylis, F. Bioethics and the market in lemons. *American Society of Bioethics and Humanities*, 19 October 2014, San Diego, CA.
 11. **Krahn T**. Imbalances in Canada's Down syndrome research agenda. *American Society of Bioethics and Humanities*, 16 October 2014, San Diego, CA.
 12. **Krahn T**, Herder M, and Grentz K. The many dimensions of access to "Orphan Drugs" in Canada: Past, present, and future. *Canadian Bioethics Society*. 29 May 2014, Vancouver BC.
 13. **Krahn T**, and Kayali, T. Preimplantation genetic diagnosis: Why Canadians should care about national oversight. *American Society of Bioethics and Humanities*. 27 Oct 2013, Atlanta, GA.
 14. **Krahn T**, and Kayali, T. Regulating preimplantation genetic diagnosis in Canada: Why regulatory oversight matters. *Canadian Bioethics Society*. 31 May 2013, Banff, AB.
 15. **Krahn T**. Care ethics for guiding the process of Multiple sclerosis diagnosis. *Canadian Bioethics Society*. 3 June 2011, St. John, NB.
 16. **Krahn T** and Fenton A. Autism and the need for a balanced research agenda in Canada. A diversity of needs, a diversity of goals. *Canadian Bioethics Society*. 2 June 2011, St. John, NB.
 17. **Krahn, T**. Care ethics as a guide to the process of Multiple Sclerosis diagnosis. *Brain Matters II*. 27 May 2011, Montréal, QC.
 18. Wallwork TE, and **Krahn T**. Who cares about consent requirements for sourcing stem cells? Are errors *in* the past, really errors *of* the past? *American Society for Bioethics and Humanities*. 23 October 2010, San Diego CA.
 19. **Krahn T**. Building mental health ethics literacy. *Communication, Medicine and Ethics*. 29 June 2010, Boston MA.

20. **Krahn T**, and Fenton A. 'Sexing the brain': Autism and gender. *American Society for Bioethics and Humanities*. 16-18 October 2009, Washington DC.
21. Fenton A, and **Krahn T**. 'Sexing the Brain': Autism and gender. *Brain Matters Conference*. 25 September 2009, Halifax NS. *Trainee prize for outstanding presentation (\$1000).
22. Gilbert F, and **Krahn T**. [Neuroethics: Why responsibility doesn't matter and criminal psychopaths](#). *Congrès triennal de la Société de Philosophie Analytique*. 2-5 September 2009, Geneva, Switzerland.
23. **Krahn T**, Fenton A, and Meynell L. Novel neurotechnologies in film – A reading of the *Minority Report*. *Biennial Film and History Conference: Film and Science – Fictions, Documentaries, and Beyond*. 30 October – 2 November 2008, Chicago IL.
24. **Krahn T**. Preimplantation genetic diagnosis: Does age of onset matter anymore? *International Conference on the 'Healthy' Embryo*. 13-16 November 2007, London ON.
25. **Krahn T**. Preimplantation genetic diagnosis and the course of social justice. *International Society for In Vitro Fertilization*. 15-19 September 2007, Montreal QC.
26. **Krahn T**. Security or survival? Prenatal diagnosis and justice for affected communities. *Canadian Bioethics Society*. 31 May – 1 June 2007, Toronto ON.
27. **Krahn T**. Preimplantation genetic diagnosis and the course of social justice. *Fourth International Conference on Ethical Issues in Biomedical Engineering*. 18 April 2007, SUNY Polytechnic Institute, New York NY. Abstract published in 2007 *International Journal of Medical Implants and Devices* 2(1): 28-29.

H. CONFERENCE PRESENTATION ABSTRACTS IN REVIEW

I. REFEREED CONFERENCE POSTERS

1. **Krahn TM**, Kaposy C, and Herder M. Justice concerns and investigating questions of funding bias in Down syndrome research at the Canadian Institutes of Health Research. *Canadian Bioethics Society annual conference*. 24-25 May 2018. Halifax NS.
2. **Krahn TM**. Assessing the disclosure elements of IVF consent forms used in Canadian reproductive centres: 1991 and 2014. *Canadian Fertility and Andrology Society Annual Meeting*. 2 October 2015. Halifax, NS.
3. Patten S, Kirkland S, **Krahn T**, Peddle S, and The CD Landscape Advisory Committee. [Ready, set, ...integrate! The Landscape of STBBI service delivery in Atlantic Canada](#). *Canadian Association for HIV Research*. 1-4 May 2014. St. John's, NL. Abstract published in *Canadian Journal of Infectious Diseases and Medical Microbiology* 25 (Suppl. A): 99A. [Poster P193].
4. **Krahn TM**. Dealing with uncertainty: Care ethics and the path to Multiple sclerosis diagnosis. *American Society of Bioethics and Humanities*. 24-25 October 2013. Atlanta, GA.
5. **Krahn T**, and Fenton A. Public funding of autism research as well as services and supports: The need for balance. *Brain Matters II*. 26 May 2011, Montréal, QC.
*Second prize winner for trainee awards for best conference poster.
6. **Krahn T**. ["Seriousness" and the regulation of preimplantation genetic diagnosis:](#)

- [the case of Down's syndrome](#). 10th International Congress on Preimplantation Genetic Diagnosis. 05-08 May 2010, Montpellier, France. Accepted for presentation; declined. Abstract published in *Reproductive BioMedicine Online*, Volume 20, Supplement 1, S.38 (P.46). DOI: [http://dx.doi.org/10.1016/S1472-6483\(10\)62362-0](http://dx.doi.org/10.1016/S1472-6483(10)62362-0)
7. Wallwork T, and **Krahn T**. [Stem cell compliance on consent: rules and reality](#). 10th International Congress on Preimplantation Genetic Diagnosis. 05-08 May 2010, Montpellier, France. Accepted for presentation; declined. Abstract published in *Reproductive BioMedicine Online*, Volume 20, Supplement 1, S.39 (P.49). DOI: [http://dx.doi.org/10.1016/S1472-6483\(10\)62365-6](http://dx.doi.org/10.1016/S1472-6483(10)62365-6)
 8. **Krahn T**. Preimplantation genetic diagnosis: Does age of onset matter (anymore)? *Genetics and the Future of Medicine*: Gairdner Foundation 50th anniversary. 2 October 2009, Halifax NS.
 9. Fenton A, and **Krahn T**. Justice and Autism: Balancing public investments in research futures with the need for immediate and sustained services and supports. *Canadian Bioethics Conference*. 11-14 June 2009, Hamilton ON.
 10. **Krahn T**, Fenton A, and Meynell L. [Neuroethics considerations and Minority Report](#). *First Annual meeting of the Neuroethics Society*. 13-14 November 2008, AAAS Headquarters, Washington DC. Abstract available at: *American Journal of Bioethics* 9(1): 58.
 11. **Krahn T**, and Wong SI. Preimplantation genetic diagnosis and reproductive autonomy. *Canadian Bioethics Society*. 18-21 June 2008, St. John's NL.
 12. **Krahn T**. Preimplantation genetic diagnosis: Does age of onset matter (anymore)? *International Society for In Vitro Fertilization*. 15-19 September 2007, Montreal QC.
 13. **Krahn T**, and Baylis F. Preimplantation genetic diagnosis and the ethics of BRCA 1 and 2 and HNPCC genes. *Canadian Fertility and Andrology Society Annual Meeting*. 15-18 November 2006, Ottawa ON.

J. INVITED PRESENTATIONS

1. **Krahn T**. Down syndrome and rightful expectations for a more balanced research agenda in Canada. *Works in Progress*, Department of Bioethics, Dalhousie University. 12 June 2017, Halifax NS.
2. **Krahn T**. Autism and Down syndrome research: funding priorities? *7th JEMH Conference on Ethics in Mental Health*. 11 June 2015, Cobourg ON.
3. **Krahn T**. Exploring the landscapes of communicable diseases in Atlantic Canada: preliminary findings of quantitative data research. Regional Atlantic AIDS Network annual meeting. 11 March 2014, Halifax NS.
4. **Krahn T**. Is PGD for late-onset conditions problematic? The case of embryo testing for BRCA 1 and 2. *BRCA gene research and medical practices: A comparative transnational social science workshop*. *BRCA Network*. 15-16 December 2011, Brocher Foundation, Geneva, Switzerland.
5. **Krahn T**. The presentation of neurotechnologies in *Minority Report*. Introductory lecture for special open event of History of Science and Technology Programme course, *Science Fiction in Film* (HSTC 2500). Organized by Prof. Stephen Snoeblen. 21 November 2011, University of King's College, Halifax NS.

6. **Krahn T.** Is PGD for late-onset conditions problematic? *Works in Progress*, Department of Bioethics, Dalhousie University. 17 October 2011, Halifax NS.
7. **Krahn T** and Fenton A. Funding priorities – Autism and the need for a more balanced research agenda in Canada. *Works in Progress*, Department of Bioethics, Dalhousie University. 16 May 2011, Halifax NS.
8. **Krahn T.** Uses of the brain-reading metaphor: Early modern science to neuroscience. *Braving the Brain 2: Ethical Issues in Neuroscience*. Ethics Mini Symposium, Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 11 May 2011, Halifax NS.
9. **Krahn T.** Dealing with uncertainty: Care ethics and the road to Multiple Sclerosis diagnosis. *Works in Progress*. Department of Bioethics, Dalhousie University. 21 June 2010, Halifax NS.
10. **Krahn T.** Metaphors, social justice and preimplantation genetic diagnosis. Department of Bioethics, Dalhousie University. 21 January 2009, Halifax NS.
11. **Krahn T**, Fenton A, and Meynell L. Neuroethics considerations and *Minority Report*. *NRC-IBD (Atlantic) Scientific Poster Session: Advances in Biomedical Imaging Conference*. 8 October 2008, Halifax NS.
12. **Krahn T.** Professional ethics. Presented to the student body and Faculty of Architecture and Planning, Dalhousie University. 31 October 2006, Halifax NS.
13. **Krahn T.** Kant's Copernican revolution. Guest lecture for PHI-1001/6, University of Winnipeg. 21 November 1991, Winnipeg MB.
14. **Krahn T.** Hume's theory of ideas and impressions. Guest lecture for PHI-2003/3 History of Philosophy: Early Modern, University of Winnipeg. 6 March 1991, Winnipeg MB.

VII. CONTRIBUTIONS TO ACADEMIC AND COMMUNITY SERVICE

A. RESPONSES TO PUBLIC CONSULTATIONS ON HEALTH RESEARCH POLICIES AND GUIDELINES

1. **Krahn T.** Review and proposed revisions of the use of definitions: Response to Draft 2nd edition of TCPS, pp.1-10. Submission to *Interagency Advisory Panel on Research Ethics (PRE)*. 26 February 2010.
2. Baylis F, and **Krahn T.** Proposed revisions: Draft 2nd edition TCPS, ch.12 'Human tissue', pp.19-25. Submission to *Interagency Panel on Research Ethics (PRE)*. 6 March 2009.
3. Reid L, and **Krahn T.** Submission to *Interagency Panel on Research Ethics (PRE)*. *ProGroup* consultation on *Proportionate Review of Ethics Research Involving Human*. 22 March 2006.

B. INTERVIEWS AND MEDIA

1. TEXT: Barnard E. (8 January 2016). [Still Alice – views from the inside of Alzheimer's](#). *Halifax Chronicle Herald*.
2. TEXT: Collier R. [Screening embryos may lead to stigma](#). *CMAJ* 184(9):E455-E456. DOI: [10.1503/cmaj.109-4177](https://doi.org/10.1503/cmaj.109-4177)

C. COMMITTEES

1. Maritime SPOR (Strategy for Patient-Oriented Research) Support Unit.
 - Scientific Advisory Committee. 2013 – 2015.
 - Patient Engagement, Sub-Committee. 2013 – 2015.
2. Ottawa Carleton region, Social services agencies' support group dealing with issues of sexuality for persons with disabilities. Tamir Foundation representative. 2004-2005, Ottawa ON.
3. Chair of Policy and Procedure Committee. Tamir Foundation. 2003-2005, Ottawa ON.
4. Special Policy Review Committee on matters of sexuality and enhancing relationships for persons with disabilities. Tamir Foundation. 2003, Ottawa ON.
5. Department of Philosophy representative, Library Committee, University of Winnipeg. 1997-2000, Winnipeg MB

D. PROFESSIONAL JOURNALS

Contributing Editor, [Journal of Ethics in Mental Health](#). McMaster University.

Peer reviewer for:

- *American Journal of Bioethics for Neuroscience*. Taylor-Francis.
- *Bioethics – Journal of the International Association of Bioethics*. Wiley-Blackwell.
- *Journal of Ethics in Mental Health*. McMaster University.
- *Kennedy Institute of Ethics Journal*. Johns Hopkins University Press
- *Scandinavian Journal of Psychology*. Wiley-Blackwell.

E. SESSION CHAIR

- **Krahn T.** "Contextualizing Hume as a practical moralist" presented by Colin Heydt. 36th International Hume Conference. 6 August 2009. Halifax NS.

VIII. HEALTH AND ETHICS EDUCATION

A. PRESENTER

- Film screening and panel discussion. [Shameless: the art of disability. Exploring Ethics through Film](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University in collaboration with Alderney Gate Public Library. 01 December 2014. Dartmouth, NS.
- Film screening and panel discussion. [Strategies of hope: a collaborative documentary project by the Nova Scotia Rehabilitation Centre's Acquired Brain Injury Program and Ariella Pahlke](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University and Royal Society of Canada Atlantic Open Academy. 25 June 2014. Halifax, NS.

B. MODERATOR

- Table discussion. *Hip not Hep Action Plan*. Conference – [HepNS' Hep C Prevention Programs for Youth in Atlantic Canada](#). Hepatitis Outreach Society. 14-15 November 2013. Dartmouth, NS.
- Film screening and public discussion. [Who's afraid of designer babies? \(The use of](#)

[preimplantation genetic diagnosis to create a 'saviour' sibling.](#)) Novel Tech Ethics, Faculty of Medicine, Dalhousie University and Halifax Public Libraries. 01 October 2013. Halifax NS.

- Panel discussion. Neuroimaging technologies: Promises and issues. Brain Awareness Week. Situating Science Cluster, Atlantic Node and Dalhousie Neuroscience Institute. SSHRC: King's College, Dalhousie University, St. Mary's University. 16 March 2011. Halifax NS.

C. LEAD ORGANIZER

- 1. Workshops
 - [Human gene editing: At the cutting edge.](#) CIHR Café Scientifique Program and Novel Tech Ethics, Faculty of Medicine, Dalhousie University and RSC Atlantic Open Academy Program and Canadian Women in STEM. 28 November 2016. Halifax NS.
 - Model systems strategic research network: Developing an ethics framework for the design of pre-clinical stem cell research. CIHR-sponsored and Novel Tech Ethics, Faculty of Medicine, Dalhousie University. February 2006. Halifax NS.
- 2. Café Scientifiques
 - [Can't you hear that lonesome whistle blow? Why medical researchers stay silent about dangers to human subjects.](#) Canada Research Chairs sponsored Café Scientifique. 19 October 2017. Halifax NS.
 - ['Fixing' the human genome: Promises and Pitfalls.](#) CIHR Café Scientifique Program. 23 January 2017. Halifax NS.
 - [Immunology: Arthritis, transplants and vaccines.](#) CIHR Human Immunology Network, Dalhousie University. 29 April 2013. Halifax NS.
 - [Autism: Research priorities and the public purse.](#) CIHR Café Scientifique Program. 18 February 2009. Halifax NS.
- 3. Public talks
 - [Conversations with my mother](#) by Françoise Baylis. Novel Tech Ethics, Faculty of Medicine, Dalhousie University and Alzheimer's Society of Nova Scotia. 23 January 2017, Halifax NS.
 - [The Alzheimer enigma in an aging world](#) by Margaret Lock. RSC Atlantic Open Academy Program and Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 25 January 2016. Halifax Central Library, Halifax NS.
 - [Tales from the script](#) by Dr. Michael Oldani. Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 31 January 2010. Halifax NS.
 - [Technologically shaping selves: Ethics and the pursuit of enhancement](#) by Dr. Erik Parens. Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 23 September 2009. Halifax, NS.
 - [Funding for neuroscience research. Who should pay? How? Why?](#) by Dr. Jason Scott Robert. Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 29 April 2009. Halifax NS.
 - [Lessons from the injured brain: Bioethics meets neuroscience](#) by Dr.

- Joseph Fins. Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 25 September 2008. Halifax NS.
- [Stem cell research: The buying and selling of human eggs](#) by Dr. Françoise Baylis. Novel Tech Ethics, Faculty of Medicine, Dalhousie University and The Discovery Centre. 25 September 2007. Halifax NS.
- [Cyborgs, ratbots and bionic humans: Wiring brains to machines](#) by Dr. Jason Scott Robert. Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 9 May 2007. Halifax NS.
- [Building better brains: The ethics of cognitive enhancement](#) by Dr. Paul Root Wolpe. Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 8 March 2007. Halifax NS.
- [Human guinea pigs: protecting the patient in medical research](#) by Dr. Mark Bernstein. Novel Tech Ethics, Faculty of Medicine, Dalhousie University and Discovery Centre. 14 September 2006. Halifax NS.
- 4. Public Forums and Symposia
 - [Drugging for success: Students, smart drugs and schools](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University and Discovery Centre. 28 February 2007. Halifax NS.
- 5. Film Series
 - [Pushing boundaries: a film series about what we owe other animals](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University and Halifax Central Library. 22, 29 January & 5 February 2018.

D. MODERATOR AND LEAD ORGANIZER

- 1. Café Scientifiques
 - [Choosing Down syndrome: why more people should choose to have children with Down syndrome](#). RSC Atlantic Open Academy Program and Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 19 March 2018. Halifax NS.
 - ["Highs and lows": Cannabis use, genetics and mental illness](#). RSC Atlantic Open Academy Program and Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 17 November 2017. Halifax NS.
 - [Genes and environment: Children and youth at risk for mental health problems](#). CIHR Café Scientifique Program and Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 16 April 2014. Halifax NS.
 - [The future of Down syndrome research: Defining the Canadian agenda](#). CIHR Café Scientifique Program and Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 21 March 2013. Halifax NS.
 - [Should youth hockey be safer? Treating and preventing concussion](#). CIHR Café Scientifique Program and Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 21 November 2011. Dartmouth NS.
- 2. Public forum
 - [Designing the genes of future generations: A public forum on assisted](#)

[human reproduction and genetics](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 7 May 2008. Halifax NS.

- 3. Film screenings and panel discussions
 - [Werewolf. Public screening and expert-led, moderated panel discussion](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University and Halifax Central Library.
 - [I Smile Back. Public screening and expert-led, moderated panel discussion](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University and Halifax Central Library.
 - [Unbroken glass. Public screening and expert-led, moderated panel discussion](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University.
 - [Gattaca. Public screening and expert-led, moderated panel discussion](#). CIHR Café Scientifique Program and Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 28 November 2016.
 - [Concussion. Public screening and expert-led, moderated panel discussion](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 18 April 2016.
 - [Wrinkles. Public screening and expert-led, moderated panel discussion](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 18 January 2016.
 - [Still Alice. Public screening and expert-led, moderated panel discussion](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 11 January 2016.
 - [Waltz With Bashir. Brain Awareness Week](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 19 March 2015. Halifax NS.
 - [Silver Linings Playbook. Brain Awareness Week](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 16 March 2015. Halifax NS.
 - [Nebraska. Brain Awareness Week](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 10 March 2014. Halifax NS.
 - [Canvas. Brain Awareness Week](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 11 March 2013. Halifax, NS.
 - [The Brain Injury Dialogues. Brain Awareness Week](#). Novel Tech Ethics, Faculty of Medicine, Dalhousie University. 14 March 2011. Halifax, NS.
 - [States of Mind 2011: A film series on the ethics of mental health](#). 17, 24, 31 January and 2 February, 2011. Halifax NS.
 - [The Savages. Journal of Ethics in Mental Health annual conference](#). 13 May 2010. Peterborough ON.
 - [The Minority Report. Brain Awareness Week](#). Novel Tech Ethics, Dalhousie University. 15 March 2010. Halifax NS.
 - [States of Mind 2010: A film series on the ethics of mental health](#). Novel Tech Ethics, Dalhousie University. 19, 26 January and 2, 9 February, 2010. Halifax NS.
 - [The Diving Bell and the Butterfly. Brain Awareness Week](#). Novel Tech Ethics, Dalhousie University. 16 March 2009. Halifax NS.
 - [States of Mind 2009: A film series on the ethics of mental health](#). Novel

Tech Ethics, Dalhousie University. 14, 21, 28 January and 5 February 2009. Halifax NS.

- [Rage for Order- Autism \(by Oliver Sacks\). Brain Awareness Week.](#) Novel Tech Ethics, Dalhousie University. 10 March 2008. Halifax NS.
- [States of Mind 2008: A film series on the ethics of mental health.](#) 21, 28 January and 4, 11 February 2008. Halifax NS.
- [States of Mind 2007: A film series on the ethics of mental health.](#) 16, 23, 30 January and 6 February 2007. Halifax NS.

IX. CONTRIBUTIONS TO TEACHING

A. COURSES TAUGHT

- | | |
|--|---------------|
| ▪ 1001/6 Introduction to Philosophy | 1997-2000 |
| ▪ 1202/3 Thinking About Moral Issues | 2000 |
| ▪ 2002/3 History of Philosophy: Classical Greek | 1998 and 2000 |
| ▪ 2009/3 History of Philosophy: Medieval | 1999 |
| ▪ 2234/3 Philosophy of Nature | 1999 |
| ▪ 2291/3 History of Educational Ideas | 1997 |
| ▪ 3500/3 Seminar - Philosophical Perspectives I | 1998 |
| ▪ 3501/3 Seminar - Philosophical Perspectives II | 1999 |
| ▪ 4113/3 Honours Seminar - Aristotle and After | 1998 and 2000 |
| ▪ 4121/6 Honours Seminar - Modern Classical Philosophy | 1997 and 1999 |

X. REFERENCES

Available upon request