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BRAINSTORM

A newsletter about ethics, neuroscience, and society
Un bulletin sur l'éthique, les neurosciences et la société

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Profile | Profil

Frédéric Gilbert, PhD

Frédéric Gilbert is an Australian Research Council DECRA Research Fellow. He conducts research on ethical questions surrounding the experimental use of invasive biomedical neurotechnologies, especially issues associated with novel generation of predictive and advisory brain devices. His work also examines the ethics of new and highly invasive biomedical materials that involve irreversible and irrevocable brain alteration: in particular, 3D bioprinting, induced pluripotent stem cells, optogenetics, and similar technologies. He also works on questions associated with patient's subjective experiences of being implanted with brain devices for the treatment of neurological and psychiatric conditions.



Frédéric Gilbert travaille sur les enjeux éthiques associés au développement des neurosciences, plus particulièrement sur les questions soulevées par les technologies invasives. Il mène des projets de recherche explorant l'éthique des implants cérébraux, notamment les nouveaux implants prédictifs et consultatifs. Par ailleurs, il dirige des travaux sur l'expérience subjective et postopératoire vécue par les patients implantés, principalement pour traiter leurs troubles psychiatriques ou neurologiques.

Statement on Neuroethics

"The currency of neuroethics will remain strong as long as scholars avoid buying too much into speculative ethics while at the same time trying to anticipate ethical issues from future developments in neuroscience".

Déclaration sur la Neuroéthique

"La neuroéthique demeurera cruciale aussi longtemps que ceux et celles qui la promeuvent éviteront de tomber dans l'éthique spéculative, tout en anticipant les problèmes liés aux avancées

Representative publications

- Gilbert, F., (In Press), A threat to Autonomy? The Intrusion of Predictive Brain Devices. *American Journal of Bioethics: Neuroscience*.
- Gilbert, F., (2014), Self-Estrangement & Deep Brain Stimulation: Ethical Issues Related to Forced Explanation. *Neuroethics*; Online First, DOI 10.1007/s12152-014-9224-1
- Gilbert, F., (2012), The Burden of Normality: From 'chronically ill' to 'symptom free'. *New Ethical challenges for Deep Brain Stimulation postoperative treatment. Journal of Medical Ethics*. 38:408-412 doi:10.1136/medethics-2011-100044

If you would like to post any events, announcements, or news of interest please contact us at neuroethics@ircm.qc.ca (subject line: Brainstorm Events and Announcements)



Announcements | Annonces

Call for Abstracts: Canadian Bioethics Society Annual Meeting, May 25-28, 2016, Toronto, ON

Submission Deadline: November 9, 2015, [click here for more info.](#)

Call for Abstracts: The Science of Consciousness, April 25-30, 2016, Tucson, AZ

Submission Deadline: December 15, 2015, [click here for more info.](#)

Call for Abstracts: 13th World Congress of the International Association of Bioethics, June 14-17, 2016, Edinburgh, Scotland

Submission Deadline: January 15, 2015, [click here for more info.](#)

Call for Papers: International Network on Feminist Approaches to Bioethics World Congress, 13-15 June, 2016, Edinburgh, Scotland

Submission Deadline: January 12, 2016, [click here for more info.](#)

Call for Applicants: The Department of Philosophy at the University of Toronto is currently inviting applications for the following positions:

Assistant Professor: [Ethics, Philosophy of Mind](#)— **Closing Date: October 15, 2015**

Assistant Professor: [Ancient Philosophy](#) — **Closing Date: October 31, 2015**

Coming soon to Brainstorm!

The International Neuroethics Forum – A New Monthly Column

We are delighted to announce the *International Neuroethics Forum*, a new monthly column in *Brainstorm*. The Forum will feature contributions on topics at the intersection of ethics, neuroscience, and society from international scholars in a range of disciplines. With an audience of several hundred readers across the world, we are committed to ensuring that *Brainstorm* remains a valuable source of news, events, and stimulating content on neuroethics for our wide readership. The *International Neuroethics Forum* stems from this commitment, and we hope this column will create an avenue for open discussion on ethics, neuroscience, and society.

The *International Neuroethics Forum* will be a monthly feature launching in our November 1st issue. While contributions will be solicited by Brainstorm's editorial board, we will review content proposals submitted to neuroethics@ircm.qc.ca. Contributions will be a maximum of 500 words, and will serve as a short but impactful introductions to a research program, reviews of research areas, etc.

Events | Événements

Montreal Neuroethics Network Seminar: “Are Predictive and Advisory Brain Implants an indispensable feature of autonomy?” — Frederic Gilbert, Ph.D., University of Tasmania, Australia

Date: October 1st, 2015, 12:00pm–1:00pm

Location: 110, avenue des Pins Ouest, Room André-Barbeau, Institut de recherches cliniques de Montréal (IRCM)

2015 International Neuroethics Society Annual Meeting

Date: October 15-16, 2015

Location: Chicago, IL, USA. [Click here for more info.](#)

American Society of Bioethics and Humanities 17th Annual Meeting

Date: October 22-25, 2015

Location: Houston, TX, USA. [Click here for more info.](#)

8th Annual Dalla Lana School of Public Health Student-led Conference — Racial Justice Matters: Advocating for Racial Health Equity

Date: October 23-24, 2015

Location: Toronto, ON. [Click here for more info.](#)

2015 Loebel Lectures and Workshop: “The Theoretical Challenge of Modern Psychiatry: No Easy Cure” — Professor Steven E. Hyman

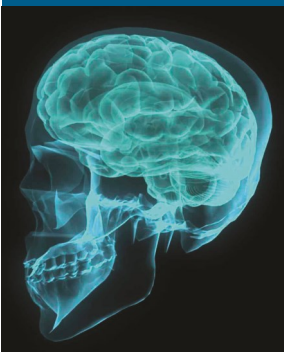
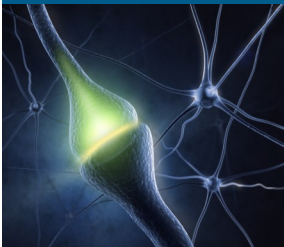
Date: November 3-5, 2015

Location: Oxford, UK (different locations for lectures and workshop). [Click here for more info.](#)

Montreal Neuroethics Network Seminar: TBA — Michelle Stanton-Jean, Ph.D., University of Montreal, Canada

Date: November 19, 2015, 12:00pm-1:00pm

Location: 110, avenue des Pins Ouest, Room 255, Institut de recherches cliniques de Montréal (IRCM)



Literature | Littérature

BOOKS AND BOOK REVIEWS

Rights Come to Mind: Brain Injury, Ethics and the Struggle for Consciousness

Joseph J. Fins. Cambridge University Press, 2015

ARTICLES

New DTCA Guidance — Enough to Empower Consumers?

Robertson CT. N Engl J Med. 2015 Sep 17; 373(12): 1085-7. Epub 2015 Aug 19.

The Vernacular of Risk — Rethinking Direct-to-Consumer Advertising of Pharmaceuticals

Greene JA, Watkins ES. N Engl J Med. 2015 Sep 17; 373(12): 1087-9. Epub 2015 Aug 19.

POINT: Do physicians have a responsibility to provide recommendations regarding goals of care to surrogates of dying patients in the ICU? Yes.

Hutchison PJ. Chest. 2015 Jun; 147(6): 1453-5.

COUNTERPOINT: Do physicians have a responsibility to provide recommendations regarding goals of care to surrogates of dying patients in the ICU? No.

Veatch RM. Chest. 2015 Jun; 147(6): 1455-7.

Scientific evaluation of spinal implants: an ethical necessity.

Moojen WA, Bredenoord AL, Viergever RF, Peul WC. Spine (Phila Pa 1976). 2014 Dec 15; 39(26): 2115-8.

Political Correctness of Medical Documentation.

Berger JR. JAMA Neurol. 2015 Jun; 72(6): 624-5.

A qualitative study on the ethics of transforming care: examining the development and implementation of Canada's first mental health strategy.

Park MM, Lencucha R, Mattingly C, Zafran H, Kirmayer LJ. Implement Sci. 2015 Aug 19; 10(1): 121.

Cosmetic neurosurgery, ethics, and enhancement.

Lipsman N, Lozano AM. Lancet Psychiatry. 2015 Jul; 2(7):585-6.

Cosmetic neurosurgery, ethics, and enhancement - Author's reply.

Plewnia C. Lancet Psychiatry. 2015 Jul; 2(7): 586-7.

Adolescents' reactions to participating in ethically sensitive research: a prospective self-report study.

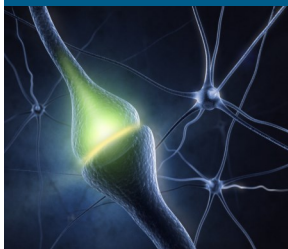
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Ethical considerations during times of conflict: challenges and pitfalls for the psychiatrist.

Strous RD. Isr J Psychiatry Relat Sci. 2013; 50(2): 122-9.

Neuroethical issues in pharmacological cognitive enhancement.

Mohamed AD. Wiley Interdiscip Rev Cogn Sci. 2014 Sep; 5(5): 533-49. Epub 2014 Jul 28.



Literature | Littérature

Children's self reported discomforts as participants in clinical research.

Staphorst MS, Hunfeld JA, van de Vathorst S, Passchier J, van Goudoever JB; BURDEN-group. Soc Sci Med. 2015 Aug 15; 142: 154-162.

More Than Capacity: Alternatives for Sexual Decision Making for Individuals With Dementia.

Wilkins JM. Gerontologist. 2015 Oct; 55(5): 716-23. Epub 2015 Aug 27.

Suicide explained!

Ryan CJ. Aust N Z J Psychiatry. 2015 Jan; 49(1): 83-4. Epub 2014 Sep 19.

Assisted dying in dementia: a systematic review of the international literature on the attitudes of health professionals, patients, carers and the public, and the factors associated with these.

Tomlinson E, Stott J. Int J Geriatr Psychiatry. 2015 Jan; 30(1): 10-20.

Reporting of harms in randomized controlled trials of psychological interventions for mental and behavioral disorders: a review of current practice.

Jonsson U, Alaie I, Parling T, Arnberg FK. Contemp Clin Trials. 2014 May; 38(1): 1-8.

Ethical issues with artificial nutrition of children with degenerative brain diseases.

Kohlschütter A, Riga C, Crespo D, Torres JM, Penchaszadeh V, Schulz A. Biochim Biophys Acta. 2015 Jul; 1852(7): 1253-6. Epub 2015 Mar 17.

Ethical dilemmas experienced by clinical psychology trainee therapists.

Bhola P, Sinha A, Sonkar S, Raguram A. Indian J Med Ethics. 2015 Aug 12;(-):1-7. [Epub ahead of print].

Neurogenetic evidence in the courtroom: a randomised controlled trial with German judges.

Fuss J, Dressing H, Briken P. J Med Genet. 2015 Aug 25. [Epub ahead of print].

Ethics and Undertreatment of Pain in Patients with a History of Drug Abuse.

da Cunha BF. Medsurg Nurs. 2015 Jan-Feb; 24(1): Suppl 4-7, 16.

Medication-assisted treatment for opioid use disorders in correctional settings: an ethics review.

Ludwig AS, Peters RH. Int J Drug Policy. 2014 Nov;25(6):1041-6. Epub 2014 Aug 30.

Cosmetic neurology: the role of healthcare professionals.

Muhammed K. Med Health Care Philos. 2014 May; 17(2): 239-40.

Ethical, Legal, and Clinical Considerations when Disclosing a High-Risk Syndrome for Psychosis

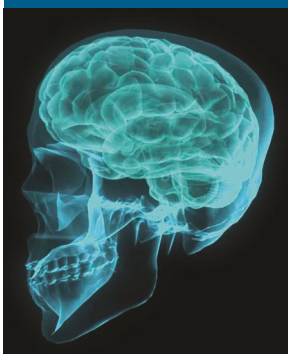
Mittal VA, Dean DJ, Mittal J, Saks ER. Bioethics. 2015 Oct; 29(8): 543-56. Epub 2015 Feb 17.

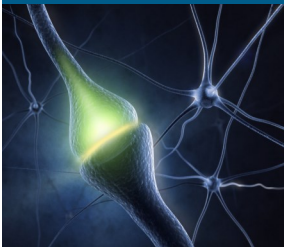
Accommodating Autistics and Treating Autism: Can We Have Both

Lim CM. Bioethics. 2015 Oct; 29(8): 564-72. Epub 2015 Feb 17.

Dementia and the Power of Music Therapy

Matthews S. Bioethics. 2015 Oct; 29(8): 573-9. Epub 2015 Feb 6.





Literature | Littérature

Brain-computer interfaces and disability: extending embodiment, reducing stigma?

Aas S, Wasserman D. J Med Ethics. 2015 Sep 3. [Epub ahead of print].

Assessing the place of neurobiological explanations in accounts of a family member's addiction.

Meurk C, Fraser D, Weier M, Lucke J, Carter A, Hall W. Drug Alcohol Rev. 2015 Aug 31. [Epub ahead of print].

The practices of do-it-yourself brain stimulation: implications for ethical considerations and regulatory proposals.

Wexler A. J Med Ethics. 2015 Aug 31. [Epub ahead of print].

Ethical dilemmas in pediatric and adolescent psychogenic nonepileptic seizures.

Cole CM, Falcone T, Caplan R, Timmons-Mitchell J, Jares K, Ford PJ. Epilepsy Behav. 2014 Aug; 37: 145-50. Epub 2014 Jul 10.

How the Public Engages With Brain Optimization: The Media-mind Relationship.

O'Connor C, Joffe H. Sci Technol Human Values. 2015 Sep; 40(5): 712-43.

Acutely Bereaved Surrogates' Stories About the Decision to Limit Life Support in the ICU.

Nunez ER, Schenker Y, Joel ID, Reynolds CF 3rd, Dew MA, Arnold RM, Barnato AE. Crit Care Med. 2015 Aug 31. [Epub ahead of print].

Advocacy needed for borderline personality disorder

Wanniarachige D. CMAJ. 2015 Sep 8; 187(12): E375-6. Epub 2015 Aug 4.

Methodological and ethical challenges in studying patients' perceptions of coercion: a systematic mixed studies review.

Soininen P, Putkonen H, Joffe G, Korkeila J, Välimäki M. BMC Psychiatry. 2014 Jun 4; 14: 162.

The practice and ethics of dementia care.

Brodsky H. Int Psychogeriatr. 2015 Oct; 27(10): 1579-81.

Ethical Issues in Neuroprognostication after Severe Pediatric Brain Injury.

Kirschen MP, Walter JK. Semin Pediatr Neurol. 2015 Sep; 22(3): 187-95. Epub 2015 May 12.

Ethical Issues in Behavioral Neuroscience : Ethics of Human Research in Behavioral Neuroscience: Overview of Section II.

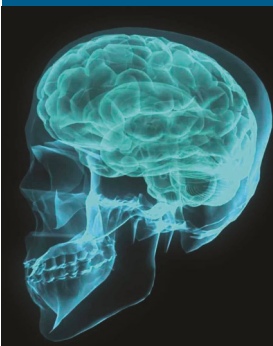
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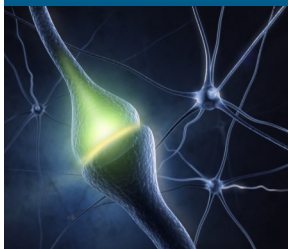
Genetic Testing and Neuroimaging for Youth at Risk for Mental Illness: Trading off Benefit and Risk.

Lee G, Mizgalewicz A, Borgelt E, Illes J. Curr Top Behav Neurosci. 2015; 19: 189-203.

How does enhancing cognition affect human values? How does this translate into social responsibility?

Cabrera LY. Curr Top Behav Neurosci. 2015; 19: 223-41.





Literature | Littérature

Deep brain stimulation: a principled and pragmatic approach to understanding the ethical and clinical challenges of an evolving technology.

Racine E, Bell E, Zizzo N. Curr Top Behav Neurosci. 2015; 19: 243-63.

Informed consent for psychotherapy: still not routine.

Trachsel M, Holtforth MG, Biller-Andorno N, Appelbaum PS. Lancet Psychiatry. 2015 Sep;2(9):775-7.

Editorial: Decision-making experiments under a philosophical analysis: human choice as a challenge for neuroscience.

Mograbi GJ. Front Neurosci. 2015 Aug 18; 9: 288. eCollection.

The relative contributions of disease label and disease prognosis to Alzheimer's stigma: A vignette-based experiment.

Johnson R, Harkins K, Cary M, Sankar P, Karlawish J. Soc Sci Med. 2015 Aug 18; 143: 117-127.

The psychiatrist's duty to protect.

Knoll JL. CNS Spectr. 2015 Jun; 20(3): 215-22.

Health-care professionals' knowledge, attitudes and behaviours relating to patient capacity to consent to treatment: an integrative review.

Lamont S, Jeon YH, Chiarella M. Nurs Ethics. 2013 Sep; 20(6): 684-707. Epub 2013 Mar 20.

NEWS AND SOCIAL MEDIA

Scientists Demonstrate Animal Mind-Melds

Zimmer C. The New York Times. July 09, 2015.

Are We Ready For A Test That Could 'Pre-Diagnose' Autism In Babies?

Rommelfanger K and Sarrett J. IFLScience. August 03, 2015.

Many animals can become mentally ill

Dasgupta S. BBC Earth. September 09, 2015.

Ethics and suicide: Are we paying attention to the important issues?

Saigle V and Racine E. The Neuroethics Blog. September 15, 2015.

FASD: The often invisible brain injury suffered by kids whose mothers drank while pregnant

Cobb C. The Ottawa Citizen. September 16, 2015.

It's not a lack of self-control that keeps people poor

Berkman E. The Conversation. September 22, 2015.

Take a Valium, Lose Your Kid, Go to Jail

Martin N. ProPublica. September 23, 2015.





Resources | Ressources

[University of British Columbia, National Core for Neuroethics](#)

[Neuroethics at the University of Pennsylvania](#)

[International Neuroethics Society](#)

[Neuroethics Research Unit / L'Unité de recherche en neuroéthique](#)

[Journal of Ethics in Mental Health](#)

[Novel Techethics](#)

[Neuroethics at the Stanford Center for Biomedical Ethics](#)

[Berman Institute of Bioethics' Program in Ethics and Brain Sciences](#)

[Centre interfacultaire en bioéthique et sciences humaines en médecine](#)

[The Neuroethics Blog](#)

[Emory Program in Neuroethics](#)

[American Journal of Bioethics Neuroscience](#)

[Neuroethics Women \(NEW\) Leaders](#)



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