

Prepared by the  
Neuroethics research unit  
at the IRCM

Préparé par l'unité de  
recherche en neuroéthique  
de l'IRCM

neuroethics@ircm.qc.ca

# BRAINSTORM

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



Vol. 9 No. 12

Brainstorm

October 1 / 1 octobre 2016

## Inside this issue:

Profile **1**  
Profil

Announcements **2**  
Annonces

Events **2**  
Événements

Neuroethics **4**  
literature  
Littérature en  
neuroéthique

Resources **6**  
Ressources

## Editorial team / Équipe éditoriale

John Aspler,  
Editor / Éditeur

Dearbhail  
Bracken-Roche,  
Editor / Éditrice

Eric Racine, PhD,  
Editor-in-chief/  
Éditeur en chef

## Profile | Profil



**M. Ariel Cascio, Ph.D.**, is a postdoctoral researcher at the Neuroethics Research Unit of the Institut de recherches cliniques de Montréal whose work focuses on research ethics, autism, and service preferences in global contexts. An anthropologist by training, they received their Ph.D. in 2015 from the Case Western Reserve University Department of Anthropology (Cleveland, OH, USA) with a dissertation entitled "Biopolitics and Subjectivity: The Case of Autism Spectrum Disorders in Italy." This doctoral research involved 11 months of intensive ethnographic fieldwork in Italy, exploring autism-specific services for adolescents and adults. Cascio has worked to bring together ethnographic work on autism from around the world under the

framework of cross-cultural autism studies, for example as guest editor of the special issue of *Culture, Medicine, & Psychiatry* entitled "Conceptualizing Autism around the Globe." They are currently working with Dr. Eric Racine on NeuroDevNet-funded projects relating to autism. One project seeks to model best practices for including people with autism in research studies, following the framework of "person-oriented research ethics," which Racine and Cascio developed. Inspired by frameworks of community-engaged and community-based participatory research, this project will involve feedback from people with autism and their families. Another project seeks to understand the preferences of people with autism and their families for services which are autism-specific, mixed-disability, or general/inclusive through an online survey that will be distributed in several countries. Across all their endeavors, Cascio explores institutional and organizational factors that impact identity, subjectivity, and well-being.

**Statement on Neuroethics:** I believe neuroethics and anthropology have a lot to offer each other, particularly in the study of neurodevelopmental disabilities. Pragmatic neuroethics and meaning-centered approaches in medical anthropology both focus on foregrounding the voices and experiences of people with neurodevelopmental diagnoses and their loved ones and on attending to the sociocultural and historical contexts in which people with neurodevelopmental disabilities live. I believe neuroethics should focus on combining strong social science, strong biomedical science, and strong applied clinical science to generate rich theories and practical proposals for organizing neurologically diverse societies.

### Publications

**Cascio, M.A.** Accepted. Operationalizing New Biopolitical Theory for Anthropological Inquiry. *Anthropological Quarterly*.

**Cascio, M.A.** 2015a. Rigid Therapies, Rigid Minds: Italian Professionals' Perspectives on Autism Interventions. *Culture, Medicine and Psychiatry* 39(2):235-253.

**Cascio, M.A.** 2012. Neurodiversity: Autism Pride Among Mothers of Children with Autism Spectrum Disorders. *Intellectual and Developmental Disabilities* 50(3):273-283.

ASC Research Blog (in Italian)  
arielcascio.wordpress.com

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



## Announcements | Annonces

**Call for Applicants:** multiple faculty positions; Department of Philosophy, University of Toronto

**For more info,** please click on the position title:

[Assistant Professor—Ethics/Practical Philosophy](#)

[Assistant Professor—Social and Political Philosophy](#)

[Assistant Professor—Philosophy of Science](#)

**Call for Papers:** Diametros—An Online Journal of Philosophy Special Issue: Equality and Decency in Healthcare

**Submission Deadline:** December 15, 2016, [click here for more info.](#)

## Events | Événements

**McGill Biomedical Ethics Unit Seminar:** Mark Yarborough, PhD — “Who cares if the emperor is immodestly attired: An exploration of the trustworthiness of biomedical research”

**Date:** October 4, 2016, 1:00pm, 3647 Peel Street, Don Bates Seminar Room, 101

**Montreal Neuroethics Network Seminar:** Leah Schemps, Doctorate of medicine candidate — “Will neuroimaging rule out the uncertainty in the treatment of patients with disorders of consciousness?”

**Date:** October 5, 2016, 11:30am-12:30pm, IRCM, Montreal, [click for more info.](#)

**ASBH 18th Annual Meeting,** Washington, D.C.

**Date:** October 6-9, 2016, [click here for more info.](#)

**Ethics of Artificial Intelligence Conference,** hosted by the NYU Center for Bioethics and NYU Center for Mind, Brain and Consciousness

**Date:** October 14-15, 2016, [click here for more info.](#)

**Montreal Neuroethics Network Seminar:** Laurence Kirmayer, M.D. — “Locating culture in the brain and in the world: Implications for enactivism for neuroethics”

**Date:** October 20, 2016, 12-1pm, IRCM, Montreal, [click here for more info.](#)

# Events | Événements



UPPSALA  
UNIVERSITET



Human Brain Project

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



## NEUROTECHNOLOGY AND DIRECT BRAIN COMMUNICATION

UPPSALA, 6 OCTOBER 2016

*CRB invites you to a mini-symposium on new insights and responsibilities concerning speechless but communicative subjects.*

Both infant brains and patients with disorders of consciousness (DOC) are at the forefront of contemporary neuroscience. The prospective use of neurotechnology to access mental states in these subjects, including neuroimaging, brain simulation, and brain computer interfaces, offers new opportunities for clinicians and researchers, but has also received specific attention from philosophical, scientific, ethical, and legal points of view.

The book *Neurotechnology and Direct Brain Communication*, edited by Michele Farisco and Kathinka Evers, offers the first systematic assessment of these issues, investigating the tools neurotechnology offers to care for verbally non-communicative subjects and suggesting a multidisciplinary approach to the ethical and legal implications of ordinary and experimental practices. Starting from the book, the mini-symposium will develop a multi-disciplinary discussion about these very intriguing and fascinating topics.

**Moderator:**

Kathinka Evers, Centre for Research Ethics and Bioethics (CRB), Uppsala University

**Speakers:**

Steven Laureys, University of Liege, Belgium

Georg Northoff, University of Ottawa, Canada

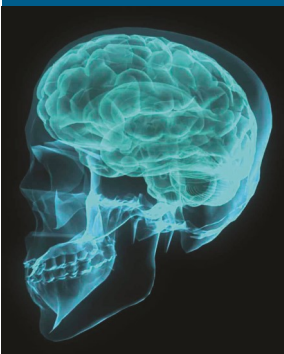
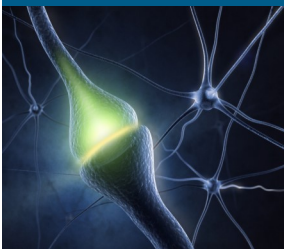
Anne-Marie Landtblom, Uppsala University, Sweden

**When:** October 6, 2016, 13:00-17:00

**Where:** BMC, Husargatan 3, Uppsala

*No fee, but please register at [www.crb.uu.se/neurotechnology](http://www.crb.uu.se/neurotechnology)*

[www.crb.uu.se/neurotechnology](http://www.crb.uu.se/neurotechnology)



## Literature | Littérature

### ARTICLES

[Focusing the neuroscience and societal implications of cognitive enhancers.](#)

Savulich G, Piercy T, Bruhl AB, Fox C, Suckling J, Rowe JB, O'Brien JT, Sahakian BJ. Clin Pharmacol Ther. 2016 Aug 24. [Epub ahead of print].

[Neonatal organ donors: thinking beyond anencephaly and involving parents and the public.](#)

Payot A. Acta Paediatr. 2016 May; 105(5): 499. Epub 2016 Feb 2.

[The consequences of using organs from anencephalic infants.](#)

Lynøe N. Acta Paediatr. 2016 May; 105(5): 500. Epub 2016 Jan 29.

[Examining chronic care patient preferences for involvement in health-care decision making: the case of Parkinson's disease patients in a patient-centred clinic.](#)

Zizzo N, Bell E, Lafontaine AL, Racine E. Health Expect. 2016 Sep 14. [Epub ahead of print].

[Mild behavioral impairment: Ethical, methodological and clinical reflections.](#)

Canevelli M, Blasimme A, Vanacore N, Bruno G, Cesari M. Neurosci Biobehav Rev. 2016 Aug 26. [Epub ahead of print].

[Judges' views on evidence of genetic contributions to mental disorders in court.](#)

Berryessa CM. J Forens Psychiatry Psychol. 2016; 27(4): 586-600. Epub 2016 Apr 19.

[Enhancing the informed consent process in psychiatric outpatients with a brief computer-based method.](#)

Morán-Sánchez I, Luna A, Pérez-Cárceles MD. Psychiatry Res. 2016 Aug 17; 245: 354-60.

[Effectiveness of Community Treatment Orders: The International Evidence.](#)

Rugkåsa J. Can J Psychiatry. 2016 Jan; 61(1): 15-24. Epub 2016 Jan 1.

[Attitudes of therapists and other health professionals towards their LGB patients.](#)

King M. Int Rev Psychiatry. 2015; 27(5): 396-404. Epub 2015 Nov 9.

[Professional ethics in complementary and alternative medicines in management of Parkinson's disease.](#)

Kim HJ, Jeon B, Chung SJ. J Parkinsons Dis. 2016 Aug 31. [Epub ahead of print].

[New tools for neuroenhancement - what about neuroethics?](#)

Erhardt J, Švob Štrac D. Croat Med J. 2016 Aug 31; 57(4): 392-4.

[Cannabis for Cognitive Enhancement as a New Coping Strategy? Results From a Survey of Students at Four Universities in Germany.](#)

Franke AG, Roser P, Lieb K, Vollmann J, Schildmann J. Subst Use Misuse. 2016 Sep 8: 1-7.

[The Ethics of Behavioral Health Information Technology: Frequent Flyer Icons and Implicit Bias.](#)

Joy M, Clement T, Sisti D. JAMA. 2016 Sep 8. [Epub ahead of print]. [No abstract available].

[ALS and physician-assisted suicide](#)

Katz J, Mitsumoto H. 2016 Sep 13; 87(11): 1072-3. Epub 2016 Jul 8.

[Addiction, Heroin-Assisted Treatment and the Idea of Abstinence: A reply to Henden](#)

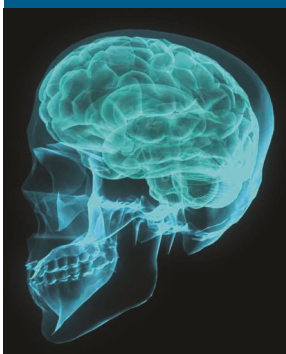
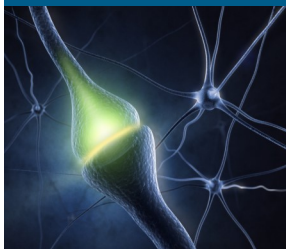
Useitolo S, Broers B. Bioethics. 2016 Sep 9. [Epub ahead of print].

[Integrated But Not Whole? Applying an Ontological Account of Human Organismal Unity to the Brain Death Debate.](#)

Moschella M. Bioethics. 2016 Oct; 30(8): 550-6. Epub 2016 May 10.

[Live as we choose: The role of autonomy support in facilitating intrinsic motivation.](#)

Meng L, Ma Q. Int J Psychophysiol. 2015 Dec; 98(3 Pt 1): 441-7. Epub 2015 Sep 3.



## Literature | Littérature

### [Stigmatization of mentally ill patients by media coverage of Germanwings disaster.](#)

Conrad von Heydendorff S, Meyer-Lindenberg A, Dressing H. Int J Soc Psychiatry. 2016 Sep 15

### [The role of social media in schizophrenia: evaluating risks, benefits, and potential.](#)

Torous J, Keshavan M. Curr Opin Psychiatry. 2016 May; 29(3): 190-5.

### [Giving Voice to Consciousness.](#)

Fins JJ. Camb Q Healthc Ethics. 2016 Oct; 25(4): 583-99.

### [Ethical and Clinical Considerations at the Intersection of Functional Neuroimaging and Disorders of Consciousness.](#)

Byram AC, Lee G, Owen AM, Ribary U, Stoessl AJ, Townson A, Illes J. Camb Q Healthc Ethics. 2016 Oct; 25(4): 613-22.

### [The Effects of Closed-Loop Medical Devices on the Autonomy and Accountability of Persons and Systems.](#)

Kellmeyer P, Cochrane T, Müller O, Mitchell C, Ball T, Fins JJ, Biller-Andorno N. Camb Q Healthc Ethics. 2016 Oct; 25(4): 623-33.

### [Culture, the Crack'd Mirror, and the Neuroethics of Disease.](#)

Gillett G. Camb Q Healthc Ethics. 2016 Oct; 25(4): 634-46.

### [Patient Requests for Off-Label Bioprediction of Dementia.](#)

Baum ML. Camb Q Healthc Ethics. 2016 Oct;25(4):686-90.

### [Don't Ask a Neuroscientist about Phases of the Moon.](#)

Shats K, Brindley T, Giordano J. Camb Q Healthc Ethics. 2016 Oct; 25(4): 712-25.

### [Ethical Challenges in Contemporary FASD Research and Practice.](#)

DI Pietro N, DE Vries J, Paolozza A, Reid D, Reynolds JN, Salmon A, Wilson M, Stein DJ, Illes J. Camb Q Healthc Ethics. 2016 Oct; 25(4): 726-32.

### [\[Drug therapy in child and adolescent psychiatry in Germany between ethical as well as social and legal conflicts\].](#)

Gerlach M, Warnke A. Z Kinder Jugendpsychiatr Psychother. 2016; 44(4): 249-55. [Article in German]

### [Drugs As Instruments: Describing and Testing a Behavioral Approach to the Study of Neuro-enhancement.](#)

Brand R, Wolff W, Ziegler M. Front Psychol. 2016 Aug 17; 7: 1226. eCollection 2016.

### [Nonconsensual Neurocorrectives and Bodily Integrity: a Reply to Shaw and Barn](#)

Douglas T. Neuroethics. 2016

### ["A Light Switch in the #Brain": Optogenetics on Social Media](#)

Robillard JM, Lo C, Feng TL, Hennessey CA. Neuroethics. 2016.

## NEWS AND BLOGS

### [The fascinating world of unconscious bias and development policy](#)

Corrêa d'Almeida A and Grossi AS. The Guardian. September 13, 2016.

### [Embodied Cognition: What it means to "Throw like a Girl"](#)

Lee JL. The Neuroethics Blog. September 20, 2016.

### [Down With the Frequent-Flyer Icon: How health technology can reinforce biases against the mentally ill.](#)

Joy M and Sisti D. Salon. September 22, 2016.

### [The Dangers of Snake-Oil Treatments for Autism](#)

Opar A. The Atlantic. September 22, 2016.



## 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](#)



Fonds de la recherche  
en santé  
Québec



Brainstorm 110, avenue des Pins Ouest, Montréal (Québec) H2W 1R7  
514-987-5723 • [neuroethics@ircm.qc.ca](mailto:neuroethics@ircm.qc.ca)

If you would like to be removed from our newsletter list,  
please email [neuroethics@ircm.qc.ca](mailto:neuroethics@ircm.qc.ca) with "Newsletter-Remove" in the subject line.

Si vous souhaitez ne plus recevoir ce bulletin,  
veuillez écrire un courriel à [neuroethics@ircm.qc.ca](mailto:neuroethics@ircm.qc.ca) avec le titre « Enlever Bulletin » comme sujet.