

Brainstorm

Newsletter of the Canadian Neuroethics and Mental Health Interest Group
Bulletin du Groupe canadien d'intérêt en neuroéthique et santé mentale
Prepared by the Neuroethics Research Unit of the IRCM
Préparé par l'Unité de recherche en neuroéthique de l'IRCM



June 1, 2014
1^{er} juin 2014

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Events-Événements

Neuro-Interventions and the Law: Regulating Human Mental Capacity, September 12-14, 2014

Georgia State University, Atlanta, GA

Hosted by GSU and the Atlanta Neuroethics Consortium

Keynotes:

Nita Farahany (Duke University),

Stephen Morse (University of Pennsylvania)

The primary theme of this conference will focus on ethical and regulatory dilemmas that arise from the use of direct brain interventions. Some questions that will be addressed include: Can neuro-interventions (pills, procedures, etc.) be used to restore or limit a person's mental capacities?

Can neuro-interventions be used to enhance a normal person's mental capacities?

Should the criminal justice system use neuro-interventions to alter a person's mental capacities? If so, how should the use of such neuro-interventions be regulated?

A special student poster session and reception will be held the evening of September 12, 2014.

We invite students to submit an abstract, maximum 750 words, for poster presentation.

In keeping with the interdisciplinary aim of the conference, we invite proposals from students in law, neuroscience, psychology, philosophy, policy and other related disciplines.

Please consider submitting an abstract even if you are unsure if your proposal fits within the bounds of the conference themes.

Submissions should be emailed in PDF format to

conference@atneuroethics.org by

Friday, June 20, 2014.

Please visit **<http://atneuroethics.org>** for more information.



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Profil/Profile

Hillel D. Braude, MD, PhD

Hillel D. Braude studied medicine at the University of Cape Town Medical School (1988-1993) and obtained a PhD in philosophy with the University of Chicago's Committee for the History of Culture (1998-2006). He completed a Fellowship at the MacLean Center for Clinical Medical Ethics (2001-2003), and has subsequently worked as a clinical medical ethicist in Paris and Montreal. He has also completed Postdoctoral Fellowships in Neuroethics with McGill University's Biomedical Ethics Unit and Religious Studies Faculty (2008-2011). His book manuscript entitled, *Intuition in Medicine: A Philosophical Defense of Clinical Reasoning* published as The University of Chicago Press (2013). His current research focuses on phenomenology, cognition and moral reasoning. Research topics in which he is interested include: empathy, social cognition, pain, and autism. His research mines the relevance of neuropsychological and neurophysiological insights for Neuroethics reflection. As a certified Feldenkrais practitioner he complements his Neuroethics research with hands-on work in Neurorehabilitation (2013), and specializes in working with infants with neurodevelopmental problems. As an editor of the *International Feldenkrais Federation Research Journal* he actively promotes research integrating somatics education, neuroscience and philosophy. His awards include a Mellon Foundation-University of Chicago Dissertation-Year Fellowship and a European Neuroscience Network Visiting Exchange Grant (ENSN), at the Center for Subjectivity Research, University of Copenhagen. In 2011 he moved to Jerusalem, where he lives with wife and infant son. In 2013 he organized a pioneering Israeli Neuroethics conference hosted by the Safra Center for Ethics at Tel Aviv University. He is currently a research associate with the Mifne Center dedicated to the early intervention in the treatment of autism for the infant and family.

STATEMENT ABOUT NEUROETHICS

"The *"Ethics"* component in Neuroethics should become more prominent. As a special kind of mental event pertaining to another *Ethics* cannot ultimately be completely reduced to neuroscience. In light of this perspective, I consider that Neuroethics is characterized by the attempt of researchers and theorists to study moral reasoning through reducing the gap between mind and brain, while acknowledging the incommensurability of the chasm between them. Neuroethics could become more *Ethical* in this sense by a number of strategies, including closer relation with clinical neurology and neuropsychology, and according greater significance to the validity of first-person experience and introspection."

REPRESENTATIVE PUBLICATIONS

- "Human All Too Human Reasoning: Comparing Clinical and Phenomenological Intuition," *The Journal of Medicine and Philosophy*. 2013, 38(2): 173-189. doi: 10.1093/jmp/jhs057
- "Affecting the Body and Transforming Desire: The Treatment of Suffering as the End of Medicine," *Philosophy, Psychiatry & Psychology*. 2012, 19, vol. 4: 265-278. DOI: 10.1353/ppp.2012.0048.
- "Evaluating Moral Intuitions in Neuroethics: A Neurophenomenological Perspective." *American Journal of Bioethics*. 2011, vol. 2, no.2, pp. 22-24.

Announcements-Annonces

**CALL FOR PAPERS: Conference on debunking arguments in moral philosophy
Eberhard Karls University Tuebingen , Germany, October 3-4, 2014**

Invited Keynote Speakers:

**Markus Christen (Zurich)
Thomas Grundmann (Cologne)
Christian Illies (Bamberg)
Richard Joyce (Wellington)
Carel van Schaik (Zurich)**

Debunking arguments follow the logic of 'you just believe that because...'. They are meant to undermine the justification of a belief by showing the belief to have a dubious causal history. While genealogical critiques are often decried as genetic fallacies, recent years have seen a renaissance of genetic debunking arguments, particularly in moral philosophy. Proponents of such arguments, most prominently Richard Joyce, Peter Singer, Joshua Greene and Sharon Street, draw on empirical assumptions about the origins of moral cognition to undermine the justification of certain ethical views.

The aim of the conference is to assess the merits and limitations of moral debunking arguments from various perspectives.

We invite papers on any possible aspect of the conference topic.

Possible paper topics may include: debunking arguments in applied ethics, debunking arguments in normative ethics, debunking argument in metaethics, epistemological aspects of debunking arguments, debunking arguments in other philosophical disciplines and how they relate to moral debunking arguments, the empirical foundations of debunking arguments.

The proposed papers should take no more than 30 minutes to present. Each presentation will be followed by 30 minutes of discussion.

Applications should include an abstract of 500-1000 words, the title of the presentation and the author's name, position, institutional affiliation, email address and phone number.

Applications should be sent to peter.koenigs@uni-tuebingen.de. **Deadline for submission is July 20. All Applicants will be notified by August 1. Up to three presentations will be accepted.**

Venue

Eberhard Karls University, Tuebingen
Forum Scientiarum, Doblenerstraße 33, 72074 Tübingen, Germany

Organization

Conference chair: Prof. Dr. Sabine Döring, Eberhard Karls University Tuebingen

Co-organizer: Peter Königs, M.A., Eberhard Karls University Tuebingen

Contact: peter.koenigs@uni-tuebingen.de

Call for Applications: Berlin School of Mind and Brain PhD program

The Berlin School of Mind and Brain is an international and interdisciplinary graduate research school that offers a three-year doctoral degree program in English. The School was established in 2006 as part of Germany's Excellence Initiative for German universities. It is the Berlin School of Mind and Brain's mission to train outstanding young scientists to become experts in one of the relevant fields, and to give them the ability, and the opportunity, to cooperate with researchers from other disciplines.

Doctoral candidates are admitted by a four-step process that identifies the 10–15 best applicants, selected in a competitive and internationally open admission procedure.

BASED at Humboldt-Universität zu Berlin, our main partner institutions in research, education and training are the Charité Medical School and the universities in Berlin and Potsdam, Magdeburg and Leipzig as well as the Bernstein Center for Computational Neuroscience, Max Delbrück Center for Molecular Medicine, Max Planck Institute for Human Development, and Max Planck Institute for Human Cognitive and Brain Sciences.

APPLICATION DEADLINES

15 January: General application deadline for all students

15 July: Additional deadline for students with secured funding

RESEARCH within the School concentrates on six paradigmatic topics each of which connects brain- and mind-related research: perception, attention, and consciousness; decision-making; language; brain plasticity and lifespan ontogeny; brain disorders and mental dysfunction; human sociality and the brain

Research is strongly embedded in the basic and clinical research conducted within the region allowing for synergistic research initiatives and opportunities.

The School has a faculty comprised of nearly 60 distinguished researchers, including five Max Planck directors, four Leibniz Prize winners, several ERC advanced grant recipients, and the Einstein Visiting Fellow. Together with the associated research groups they cover the most relevant research areas in the mind and the brain sciences.

EIGHT GOOD REASONS to choose the Berlin School of Mind and Brain:

1. You become part of a structured program that offers ample opportunities in research, education and training in one of Europe's largest mind and brain research communities
2. You are assigned at least two professorial thesis advisors – usually one from the brain sciences, one from the mind sciences, in order to ensure the interdisciplinary impact and support for your work
3. You regularly meet with leading international researchers through the School's own scientific meetings and international lecture series
4. You are provided with substantial financial assistance to attend national and international conferences
5. You arrange your own journal and methods clubs and participate in academic retreats
6. You attend a series of tailor-made courses on subjects relevant for interdisciplinary mind and brain research, and you have access to specialized scientific soft- and hard-skill courses, a mentoring program, career development, and coaching
7. No tuition fees associated with the program
8. The best applicants will be granted a scholarship by the School

FURTHER INFORMATION: www.mind-and-brain.de or mb-admission@hu-berlin.de.

Announcements-Annonces

II INTERNATIONAL WORKSHOP: BIOETHICS AND HUMAN ENHANCEMENT

University of Granada, June 16-17, 2014 Department of Philosophy I, Psychology Building

Monday, 16th June

9:15- 10:45. **Keynote:** Julian Savulescu (Oxford): "Objections to Moral Enhancement"

11:15- 13:15. Session 1

Julia Mosquera Ramil (University of Reading), "Intellectual Disability, Equality and Enhancement"

Iona Petre (Central European University), "Balancing Individual and Collective Benefits in the Case of Cognitive Enhancement"

Ori Lev (Sapir Academic College), "Biomedical Cognitive Enhancements: Coercion, Competition and Inducements"

Jennifer Chandler (Ottawa), "Judges and Cognitive Enhancement"

15:00- 17:00. Session 2

Alberto Carrio Sampedro (Pompeu Fabra), "Why not Therapy instead of Enhancement?"

Benjamin Davies (King's College London), "Enhancement and Conservative Bias"

Huang Pei-Hua (Independent researcher), "Enhancement, Authenticity, and Autonomy"

Pieter Bonte (Gent), "This Nature-Forsaken Life. An Existentialist Revision of the Enhancement Debate and its (Dis)Contents"

17:30- 19:00. Session 3

Camilla Colombo (LSE and Scuola Normale Superiore Di Pisa), "Modelling Decision-Making Concerning Human Enhancement: a Formalization Proposal"

Paloma García Díaz (Granada), "Enhancement, Public Interest and Risk"

Johann Roduit (Oxford), "Enhancing towards the Ideal Human? A Capability Approach to Assess the Morality of Human Enhancement"

Tuesday, 17th June

9:30- 11:30. Session 4

Francisco Javier López Frías (Valencia), "El concepto de dignidad a la luz del debate"

José Luis Pérez Triviño (Pompeu Fabra), "La mejora cognitiva y emocional en el rendimiento deportivo y el debate acerca del dopaje"

Jordi Maiso Blasco (CSIC), "La biología sintética como tecnología de enhancement. Reflexiones ético-políticas sobre la bioingeniería y la mejora de la especie"

Viviana García Llerena (La Coruña), "Human germ-line enhancement y tradiciones jurídicas. El mejoramiento ante el Common Law y el Derecho continental"

12:00- 13:30. Session 5

Blanca Rodríguez López (Madrid), "Prenatal Enhancement. What Counts as Free Choice?"

Francesca Minerva (Melbourne), "Aesthetic Enhancement between Cosmetic Surgery and New Technologies"

Tomislav Bracanovic (Zagreb), "Sex Reassignment Surgery and Human Enhancement"

15:15- 16:45. Session 6

David Lyreskog (Umea), "Enhancing Psychopaths"

Alfred Archer (Edinburgh), "Moral Enhancement and Those Left Behind"

Alberto Giubilini (Charles Sturt University) & Julian Savulescu (Oxford), "Better than Emotions. Moral Enhancement and Moral Artificial Intelligence"

17:15- 18:45. **Keynote:** Andy Miah (Creative Futures Institute,): Moral Enhancement in Film and TV

For inquiries, please email to granadaenhance@gmail.com

Registration is free. The University of Granada and the Spanish Government sponsor this event.

Call for Papers: What can we make of social experiments for dealing with technological hazards? Proposal for a Special Issue with *Science and Engineering Ethics*

Editors: Neelke Doorn, Zoe Robaey, Shannon Spruit

Technology is a vital component of human development. Although most often aimed at the advancement of human well-being, the introduction of new technologies may also introduce potentially harmful consequences. Societies face the problem that, often, the potential impacts and hazards brought about by new technologies remain unknown until they reveal themselves. Conventional approaches to risk governance are not directly applicable to these fields due to high levels of uncertainty and ignorance. Categorically rejecting the introduction of new technologies may not provide the knowledge needed to make a well-informed decision about potential impacts.

At the same time, given the fact that technological risks and dangers often only materialize after a long time (e.g., asbestos, DDT), a broad scholarship has been reflecting on how to deal with these new and risky technologies. Within that scholarship, some authors have argued to conceive of new technologies as social experiments and to look for the conditions under which such an experiment is morally justified. In this special issue we look at the implications of using the experimental lens for achieving responsible innovation.

The essays in this collection can be grouped under three overarching themes, which overall aim to elucidate the notion of social experimentation with new technologies:

- 1) The distinction between the pejorative notion of experimentation (the experimental subject as “guinea pig”) and responsible experimentation, as it relates to responsible research;
- 2) The limitations and opportunities of conceiving of technologies as social experiments; and
- 3) The notion of responsibility in a social experiment. After a technology is introduced in society several actors are involved in the experiment, this may blur the distribution of responsibilities between different parties involved and also links to issues of democratization of science.

Please express your interest by July 1st, 2014 by emailing your general topic and how it relates to one or more of the three themes described above to Shannon Spruit (s.l.spruit@tudelft.nl).

Deadlines:

July 1, 2014: Expression of Interest

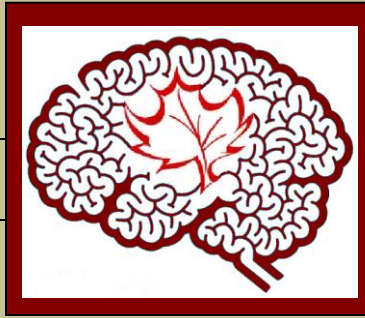
October 1, 2014: Submission of draft papers

February 1, 2014: Final papers due

Lengths of contribution: 6.000-8.000 words

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Events- Événements

Cognitive Enhancement Conference

August 13-15, 2014, Jaffalaan 5, TU Delft, Delft, The Netherlands

Contact: conference@enhancingresponsibility.com

Theme: Just as some medications can enhance physical performance (e.g. of athletes), others allegedly enhance mental performance (e.g. wakefulness, attention, and clarity of thought), and reports from around the world suggest that the use of drugs like methylphenidate and modafinil for cognitive enhancement purposes is on the rise. In addition to surveying what putative cognitive enhancement technologies exist, this conference will interrogate a range of related scientific, legal, political, and moral issues.

Book Proposal: Presenters are invited to submit chapters for an interdisciplinary edited volume entitled "Cognitive Enhancement and The Law". High quality chapters will be included in our submission to Oxford University Press for their high profile [Neuroscience, Law, and Philosophy](#) series.

Keynote Presenters: [Roshan Cools](#) (Radboud), [Tom Douglas](#) (Oxford), [Masud Husain](#) (Oxford), [Neil Levy](#) (Florey Institute of Neuroscience and Mental Health; Oxford), [Reinhard Merkel](#) (Hamburg), [Jan Schildmann](#) (Ruhr-Universität), and [Irina Singh](#) (King's College London).

Register at <http://enhancingresponsibility.com/conference/registration-fees/>

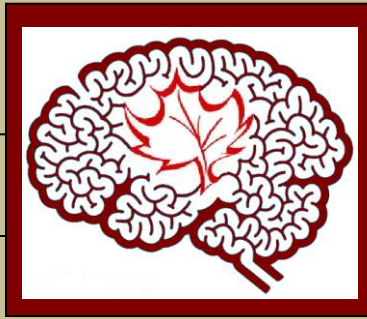
- All attendees must register for the event. Fees for the entire conference are €225 for faculty and postdocs and €130 for students. Fees for day delegates are €130 for faculty and postdocs and €80 for students. **Please register before July 15th to avoid a late-registration fee increase of 30%.** Registration on-the-day will also be available at a 50% fee increase.
- Conference registration fees include conference materials, coffee, and drinks. The conference dinner on Thursday, August 14th is not included in the registration fee. A ticket for the dinner may be purchased separately on the registration page.

The conference program is available at: <http://enhancingresponsibility.com/wp-content/uploads/2014/05/ER-Program-pdf1.pdf>

Organized by members of NWO's Enhancing Responsibility project with support from TU Delft <http://www.fil.tbm.tudelft.nl> and 3TU.Ethics <http://ethicsandtechnology.eu>

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Literature-Littérature

ARTICLES

Brief interventions for substance use in adolescents: still promising, still unproven

Levy S. CMAJ May 12, 2014 186:565-566; published ahead of print April 14, 2014.

<http://www.cmaj.ca/content/186/8/565.full>

Nunavut extends implementation of suicide prevention plan

Eggertson L. CMAJ May 12, 2014 186:E226.

<http://www.cmaj.ca/content/186/8/E226.full>

Conflicts of interest in psychiatry: strategies to cultivate literacy in daily practice.

Shimazawa R, Ikeda M. Psychiatry Clin Neurosci. 2014 May 6. [Epub ahead of print]

The Rising Tide of tDCS in the Media and Academic Literature.

Dubljević V, Saigle V, Racine E. Neuron. 2014 May 21;82(4):731-6.

Deep brain stimulation of the nucleus basalis of Meynert in Alzheimer's dementia.

Kuhn J, Hardenacke K, Lenartz D, Gruendler T, Ullsperger M, Bartsch C, Mai JK, Zilles K, Bauer A, Matusch A, Schulz RJ, Noreik M, Bührle CP, Maintz D, Woopen C, Häussermann P, Hellmich M, Klosterkötter J, Wiltfang J, Maarouf M, Freund HJ, Sturm V.

Mol Psychiatry. 2014 May 6. [Epub ahead of print]

Medicare Coverage of Investigational Devices: The Troubled Path Forward for Deep Brain Stimulation

Rossi, PJ, Machado A, Okun MS. JAMA Neurol. 2014;71(5):535.

The Good, the bad, and the just: justice sensitivity predicts neural response during moral evaluation of actions performed by others.

Yoder KJ, Decety J. J Neurosci. 2014 Mar 19;34(12):4161-6.

Psychopaths and blame: The argument from content.

Levy N. Philos Psychol. 2014 Jun;27(3):351-367.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4003860/>

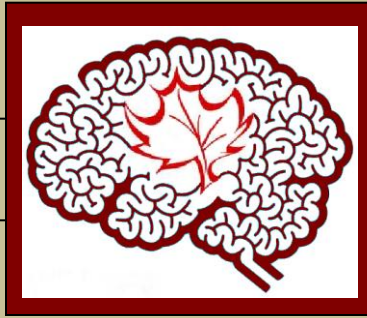
The limited right to alter memory.

Kolber AJ J Med Ethics. 2014 May 2. doi: 10.1136/medethics-2013-101972. [Epub ahead of print]

<http://jme.bmj.com/content/early/2014/05/02/medethics-2013-101972.long>

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Literature-Littérature

[Defining mental illnesses: can values and objectivity get along?](#)

Sisti D, Young M, Caplan A. BMC Psychiatry. 2013 Dec 24;13:346.

[Nurses' perspectives on the care of adults with mental health problems and histories of childhood sexual abuse.](#)

Chernomas WM, Mordoch E. Issues Ment Health Nurs. 2013 Sep;34(9):639-47.

[Clinical and Biomarker Changes in Premanifest Huntington Disease Show Trial Feasibility: A Decade of the PREDICT-HD Study.](#)

Paulsen JS, et al. PREDICT-HD Investigators and Coordinators of the Huntington Study Group. Front Aging Neurosci. 2014 Apr 22;6:78.

[Bringing Patient-Centered Care to Patients With Alcohol Use Disorders](#)

Bradley KA, Kivlahan DR. JAMA. 2014;311(18):1861.

[Pharmacotherapy for Adults With Alcohol Use Disorders in Outpatient Settings: A Systematic Review and Meta-analysis](#)

Jonas, DE et al. JAMA. 2014;311(18):1889.

[\[Current controversies in neuroethics\].](#)

Jox RJ, Schöne-Seifert B, Brukamp K. Nervenarzt. 2013 Oct;84(10):1163-4 (in German).

[Ethical dilemmas in psychiatric evaluations in patients with fulminant liver failure.](#)

Appel J, Vaidya S. Curr Opin Organ Transplant. 2014 Apr;19(2):175-80.

[Media and mental illness: Relevance to India.](#)

Padhy SK, Khatana S, Sarkar S. J Postgrad Med. 2014 Apr-Jun;60(2):163-70.

Locked in, but not out?

Hochberg LR, Cudkowicz ME. Neurology May 27, 2014 82:1852-3.

<http://www.neurology.org/content/82/21/1852.extract>

[Case study in psychobiographical ethics.](#)

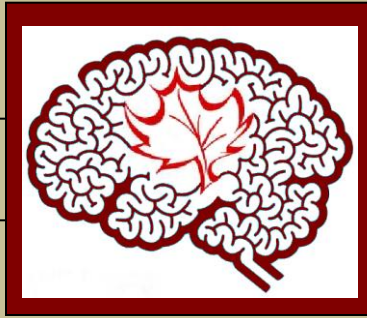
Ponterotto JG. J Empir Res Hum Res Ethics. 2013 Oct;8(4):19-27.

[Responsibility and cooperativeness are constrained, not determined.](#)

Garcia D, Stråge A, Lundström S, Radovic S, Brändström S, Råstam M, Nilsson T, Cloninger CR, Kerekes N, Anckarsäter H. Front Psychol. 2014 May 7;5:308.

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Literature-Littérature

[Potentially incapable patients objecting to treatment: doctors' powers and duties.](#)

Eagle K, Ryan CJ. Med J Aust. 2014 Apr 7;200(6):352-4.

[Self-perceived stigmatization in female patients with anorexia nervosa--results from an explorative retrospective pilot study of adolescents.](#)

Maier A, Ernst JP, Müller S, Gross D, Zepf FD, Herpertz-Dahlmann B, Hagenah U. Psychopathology. 2014;47(2):127-32.

NEWS AND SOCIAL MEDIA

[The not-so-distant future when we can all upgrade our brains](#)

Madrigal, AC. The Atlantic. May 12, 2014.

[How to learn to love your doppelganger](#)

Levine, D. Nautilus. May 15, 2014.

[One Toronto neurosurgeon's crusade to develop an effective stroke drug](#)

Offman, Craig. The Globe and Mail. May 16, 2014.

[Palliative sedation creating debate over end-of-life treatment](#)

Fagan, L. CBC News. May 20, 2014.

[Translating Preclinical Test Results into "Real World" Consequences](#)

Arias, J. The Neuroethics Blog. May 20, 2014.

[Elliot Rodger was a misogynist – but is that all he was?](#)

Freeman, H. The Guardian. May 27, 2014.

[Learning Determines Choice OR What I Did During My Spring Vacation](#)

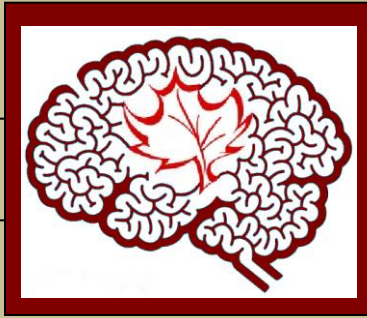
Fishleder, S. Neuroanthropology. May 27, 2014.

[US Supreme Court strikes IQ cutoff for death penalty cases](#)

Reardon, S. Nature News Blog. May 27, 2014.

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Resources-Ressources

University of British Columbia, National Core for Neuroethics
www.neuroethicscanada.ca

Neuroethics at the University of Pennsylvania
<http://neuroethics.upenn.edu/>

International Neuroethics Society
<http://www.neuroethicssociety.org/>

Neuroethics Research Unit / L'Unité de recherche en neuroéthique
www.ircm.qc.ca/neuroethics/en

Journal of Ethics in Mental Health
www.jemh.ca

Novel Techethics
www.noveltechethics.ca

Neuroethics at the Stanford Center for Biomedical Ethics
<http://neuroethics.stanford.edu/>

Berman Institute of Bioethics' Program in Ethics and Brain Sciences
www.bioethicsinstitute.org/neuroethics

Centre interfacultaire en bioéthique et sciences humaines en médecine
<http://www.unige.ch/medecine/ib/accueil.html>

The Neuroethics Blog
www.theneuroethicsblog.com

Emory Program in Neuroethics
ethics.emory.edu/neuroethics

American Journal of Bioethics Neuroscience
www.ajobneuroscience.com

Contributions

If you would like to post any events, letters, articles or news of interest please contact us at neuroethics@ircm.qc.ca

Si vous souhaitez afficher un événement, une lettre, un article ou une nouvelle d'intérêt, veuillez nous contacter à l'adresse suivante: neuroethics@ircm.qc.ca

If you would like to be removed from our newsletter list please e-mail neuroethics@ircm.qc.ca with "Newsletter-Remove" in the subject line.

Si vous souhaitez ne plus recevoir ce bulletin, veuillez écrire un courriel avec le titre « Enlever Bulletin » comme sujet.