

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



Events-Événements

October 1st, 2013
1^{er} octobre 2013

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NEUROETHICS DOWN-UNDER

NEUROSCIENCE, ETHICS AND
PUBLIC POLICY IN AUSTRALIA

Friday 4 October 2013

8:00am - 5:30pm - drinks from 5:30pm

Auditorium, University of Queensland Centre for Clinical Research

Don't miss out on this unique opportunity to participate in an open discussion with leading Australian experts
Only a **couple of days to go**, so [register](#) today!

This one-day conference will explore the ethical, social, legal and policy implications of neurobiological research on mental illness and addiction.

Some of the questions that will be explored are:
How will "brain disease" explanations of addiction and mental illness influence individuals' belief in their ability to overcome them? What impact can media stories about neuroscience have on public understandings of addiction? Should society regulate or prohibit the use of new psychotropic drugs to enhance cognition in the same way that they do other recreational drugs? Are individuals responsible for drug-induced behaviours?

SPEAKERS INCLUDE:

Prof Robin Room, Centre for Alcohol Policy Research
Prof Wayne Hall, Deputy Director, UQCCR
Prof Helen Chenery, UQCCR
Prof Jeanette Kennett, Macquarie University
Dr Helen Keane, Australian National University
Dr Suzanne Fraser, Curtin University
Dr Frederic Gilbert University of Tasmania
Dr Sharlene Kaye, University of NSW

For more information visit the [Neuroethics website](#)

[Register here](#)

[Download the Conference Program](#)

[Forward to a friend or colleague who may be interested](#)

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Profil/Profile

Katja Kuehlmeier (Dr. rer. biol. hum.)

Dr. Katja Kuehlmeier is a Research Associate at the Institute of Ethics, History and Theory at the University of Munich (LMU). Mainly, she conducts empirical research with a focus on clinical ethics and neuroethics. She holds a degree in Psychology from the Eberhard Karls Universität Tuebingen, Germany and attained her PhD from the Medical Faculty of the LMU. During her doctoral studies in medical ethics she conducted an interview study with family caregivers who care for patients with disorders of consciousness. She also conducted a survey of neurologists on their attitudes towards ethical issues that arise from the care for patients with disorders of consciousness and the locked-in-syndrome. Subsequently, Dr. Kuehlmeier surveyed nurses in nursing homes on their interpretations of nonverbal expressions of patients with advanced dementia and reflected on the question of how this behavior should guide decisions about life-sustaining treatment. Currently she is pursuing research on questions at the intersection of medicine, psychology and ethics. One topic of interest that touches both psychology and ethics is the potential moral distress of medical residents in specialties such as oncology. Using the results of two pilot interview studies with stakeholders she intends to discuss the implications of advance care planning in psychiatry.

“In my perspective, neuroethics is a vivid and interdisciplinary field that brings together distinguished experts from all the important disciplines investigating the brain and mind. This field allows us to come to discussions, decisions and conclusions that not only maintain or improve the wellbeing of individuals but consider also the long-term consequences for the society.”

Recent publications

Kuehlmeier, K, Borasio, GD, Jox, R (2012). How family caregivers' medical and moral assumptions influence decision making for patients in the vegetative state: A qualitative interview study. *J Med Ethics*; 38: 332-337.

Kuehlmeier, K, Racine, E, Palmour, N, Borasio, GD, Jox, RJ (2012). Diagnostic and ethical challenges in disorders of consciousness and the locked-in-syndrome: A survey of German neurologists. *Journal of Neurology* 259; 10: 2076-2089.

Announcements-Annonces

Lunchtime Ethics Series at University of Alberta

Telehealth Education 2013-14 Robbins Theatre 12 - 13 MDT/MST

The Lunchtime Ethics Series consists of monthly sessions from September 2013 to June 2014, excluding December. The series provides the opportunity for front line clinical practitioners to examine key issues and build competencies in Clinical Ethics. Individuals and teams across North America are invited to participate. Contact your local Telehealth provider to request a site connection.

October 23 Advanced Technology and Future of Clinician-Patient Relationship **Brendan Leier**

November 27 We Have No Beds! Who Cares? **Paul Byrne**

January 22 Nutrition in Advanced Cancer – Whom Are We Treating? **Gary Wolch**

February 26 Ethical Considerations in Treating Aboriginal Patients **Bob Cardinal**

March 26 Cardiopulmonary Resuscitation: Why Do We Bother? **Peter Brindley**

April 23 Conflicting Commitments: Patients and Their “Non-Patient” Identities **Eric Wasylenko**

May 28 Canadian Research Misconduct in the 1940s **Gary Goldsand**

June 25 Ethical Dilemmas Caring for Uninsured Patients **Anna Zadunayski**

REGISTRATION: <https://vcscheduler.ca/ahs>

LUNCHTIME ETHICS WEBPAGE: <http://www.bioethics.ualberta.ca>

The VI International Symposium on Brain Death and Disorders of Consciousness, organized by the International Association of Bioethics, Havana, Cuba, December 3-6, 2013.

BRAIN DEATH (BD) topics:

1. Conceptual approach to human death,
2. BD criteria in different countries.
3. Ancillary tests in BD;
4. Autonomic nervous system assessment in BD;
5. BD in childhood;
6. Anencephalic infants;
7. End-of-life dilemmas: terminal patient, euthanasia, assisted suicide, etc;
8. Legal considerations surrounding BD and related states;
9. Philosophical, theological, sociological, historical and cultural considerations of human death; and
10. Organ transplantation.

DISORDERS OF CONSCIOUSNESS (DOC) topics:

1. Pathophysiological mechanisms of consciousness generation;
2. Coma, persistent vegetative state (PVS), minimally conscious state (MCS), and other DOC;
3. Clinical diagnosis of DOC;
4. Neuroimaging techniques for assessing DOC;
5. Neurophysiologic tests for assessing DOC;
6. Autonomic nervous system assessment of DOC;
7. Neurorehabilitation of DOC;
8. Neuroprotection and Neuromonitoring of DOC;
9. New trends in cardio-pulmonar-cerebral resuscitation

You can participate in our Symposium as a delegate, although we encourage you to submit an abstract. Please, read carefully the following instructions before submitting your abstract (http://www.komabraindeathcuba.com/index.php?module=abstracts/send_abstract_form). Only abstracts submitted in English will be accepted, in order to be published. Abstracts sent in Spanish will not be considered.

Critical Medical Humanities, Durham University, UK

We invite 50 applicants to join us at Durham University for a special, two-day event, 'Critical Medical Humanities', a forum dedicated to new and emerging areas of interdisciplinary research. As well as offering an opportunity to meet with scholars working across the humanities and social sciences, the meeting will interrogate and reinvigorate concepts, practices, and institutions that shape our understandings of health, illness and embodied experience. Organised around five 'critical' areas, plenary sessions will open into working groups with opportunities to debate points of contention or agreement, and to discuss participants' current and future projects.

Critical Neuroscience [Jan Slaby \(Junior Professor in Philosophy of Mind and Emotion, Free University Berlin\)](#)

Critical Gender and Race Studies [Mel Y. Chen \(Associate Professor of Gender & Women's Studies at U.C. Berkeley\)](#),

Critical Public Health [Lynne Friedli \(Centre for Welfare Reform\)](#) and Rob Stearn (Birkbeck College)

Critical Fertility [Bronwyn Parry \(Professor in Social Science, Health & Medicine, Kings College London\)](#),

Critical Collaborations [Andrew Goffey \(Associate Professor, Faculty of Arts, University of Nottingham\)](#), '

Places for this event are limited. We particularly encourage early career researchers to participate, and will offer a number of early career researchers the opportunity to be first respondent and/or chair for sessions relevant to their area of research. There is no registration fee and all refreshments will be provided, including a delegates' dinner.

Attendance is by application only. If you are interested, please complete the web form [here](#).

Organisers: Felicity Callard, Will Viney, Angela Woods (Centre for Medical Humanities, Durham University).

Dr Angela Woods
Lecturer in Medical Humanities and Co-Director, [Hearing the Voice Centre for Medical Humanities](#), Durham University

Announcements-Annonces

We invite poster submissions for a conference on “Neuroplasticity in Addiction and Recovery: From Genes to Culture and Back Again”. The conference will be held at the ZiF Center for Interdisciplinary Research in Bielefeld, Germany, from January 9-11, 2014. Presenters will also give brief "lightning talks" to the full conference audience. We have a limited number of rooms available to offer free lodging for some presenters. Interested presenters are asked to send an abstract (~500 words) and brief bio to Jason Clark at jasonanthonyclark@gmail.com. Those simply interested in attending should send a request to the same email.

Detailed information at the conference web site: <https://sites.google.com/site/thespiralalsorises/home>

Neuroplasticity in Substance Addiction: From Genes to Culture and Back Again

Organized by Jason Clark and Saskia Nagel

Participants and talks:

Jacques Dayan: “Adolescent brain development, risk-taking and vulnerability to addiction”

Liana Fattore: “Gender-dependent differences in the pharmacological effects of drug abuse: focus on cannabinoids“

Craig Hanson: “Multiple selves in addiction”

Andreas Heinz: “The principle of reward – neurobiological, psychological, and social aspects“

Jens Kuhn: “Stimulating the addictive brain“

Daniel Lende: "Neuroanthropology, plasticity and addiction"

Neil Levy: “Autonomy and self-control in addiction“

Robert C. Malenka: “Elucidating the synaptic action of drugs of abuse“

Christian Perring: “Bridging the gap between philosophers of mind and neuroscientists—the case of addiction”

Garret D. Stuber: “Using optogenetics to dissect the neural circuits that mediate reward and aversion“

Wim van den Brink: “Genetic, neuronal, and environmental factors for craving and relapse“

We would like to inform you about an interesting workshop at the Brocher-Foundation, taking place on the 6th and 7th November in Geneva:

Neuroscience, Ethics and Law: New Challenges for Human Identity, Freedom and Responsibility

For further information please see the flyer:

<http://snnel.files.wordpress.com/2013/09/brocher-workshop-program-2013-09.pdf>

and if you are interested, please subscribe with an e-mail to Roberto Andorno (roberto.andorno@uzh.ch).

Announcements-Annonces

**DUE TO MULTIPLE REQUESTS, THE DEADLINE FOR THE FOLLOWING
CALL FOR ABSTRACTS IS EXTENDED UNTIL OCTOBER 12TH 2013**

CALL FOR ABSTRACTS:

Ageing Studies: Thematic Volume Fall/Winter 2014

“Popularizing Dementia” – Public Expressions and Representations of Forgetfulness *Eds.: Mark Schweda (Göttingen) & Aagje Swinnen (Maastricht)*

Due to medical developments and aging populations, late onset dementia is shifting to the center of current debates in bioethics, social policy, and the broader public. As a result of this cultural “dementia boom”, the concept of dementia is no longer limited to expert biomedical discourse, but is now functionally integrated into public imagination and popular culture, thus gaining multiple new interpretations, evaluations, and functions. At the same time, significant variability in different cultural domains, social spheres, and national contexts is now apparent. Dementia has a different quality and appearance in film, literature or art, not least due to each form’s respective historical traditions, aesthetic principles and means, as well as their accompanying reflective discourses. The phenomenon is also perceived and framed differently in the political, economic, and socio-cultural contexts of different countries such as Germany, the United States or India, with their specific healthcare systems, political cultures and legal traditions. Finally, being personally affected is believed to constitute a radically deviant perspective, one that may in fact provide new contributions to popular culture. But this perspective also poses fundamental challenges in view of its commensurability with and translation into common semantic idioms and conventional symbolic forms and orders.

The planned special thematic volume of the *Ageing Studies*-Series (http://www.agingstudies.eu/page/AS_Series) is dedicated to the expressions and representations of late onset dementia in contemporary popular culture. The topic will be approached from different angles: On the one hand, the volume will investigate how individual and social ideas and images of dementia are (and should be) shaped and negotiated in film, literature, arts, and in mass media (e.g. TV or the internet) in various national contexts. It will thus explore the range of cultural manifestations of dementia and contour the profiles of “national dementia cultures” in view of aspects of cultural industries, consumerism, and citizenship. On the other hand, the volume will also examine how the symbolic forms provided by popular culture are (and can be) adopted, employed and transformed by those affected in order to express and communicate their own subjective perspectives and experiences.

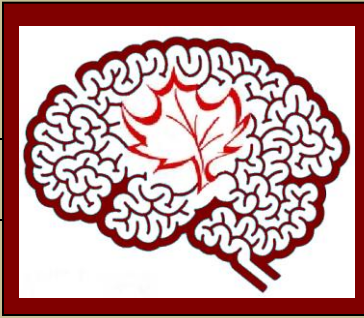
We would like to invite contributions from a range of disciplines, such as the humanities, social and cultural gerontology, cultural studies, philosophy and bioethics, as well as from different national backgrounds. Possible questions are: What are the theoretical and critical implications of the popularization of dementia? What problems does it involve? For example, how does it change public and professional perceptions of healthy and unhealthy aging? Where does popular culture promote a de-medicalization of dementia and initiate alternative, creative or critical counter-discourses that help to express a fuller range of perspectives? And where does it just reproduce and enforce reduced, distorted or otherwise problematic images and stereotypes of dementia, e.g. the focus on cognitive decline and memory loss, that obscure or repress other viewpoints? What influence do different national cultures, health care systems and socio-political traditions have on the ways dementia is culturally framed? How can the perspectives of those affected be recognized and communicated in popular culture?

In case you are interested in contributing a manuscript, please submit an abstract and a short CV to Mark Schweda (mark.schweda@medizin.uni-goettingen.de) by **October 12th 2013**. Abstracts should comprise approximately **1.000-1.250 words** and give information on the research topic and question, the theoretical and methodological approach pursued, and the main arguments and conclusions. Prospective authors will be asked to submit their full manuscripts (**10.000 words** maximum, exceptions possible) by **March 15th 2014**. All manuscripts will undergo peer review. In case of any questions or problems, please contact Mark Schweda or Aagje Swinnen (a.swinnen@maastrichtuniversity.nl).

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Events- Événements



Update on the **2013 INS Annual Meeting (November 7 & 8)**

Be a Part of the San Diego Experience!

During the 2013 International Neuroethics Society Annual Meeting, you can be a part of the action! Get involved with one of the INS Working Groups. We will again organize the Working Group dinners after the reception on Thursday evening at a nearby restaurant.

Each individual pays for his/her own dinner and this is a great way to meet colleagues interested in the same things you are. Contact Karen Graham by October 21 if you want to participate.

A list of the groups is below. Once you are involved, each Working Group has a listserv created to facilitate an easy chain of communication. The emails on each chain are only seen by your fellow group members and we encourage you to use it often. To sign up for a Working Group, contact Karen Graham at kgraham@neuroethicssociety.org.

Each of the Working Groups will be advised through the listserv about the time and location of these dinners so please sign up or let us know of your interest. Join us in San Diego.

INS Working Groups:

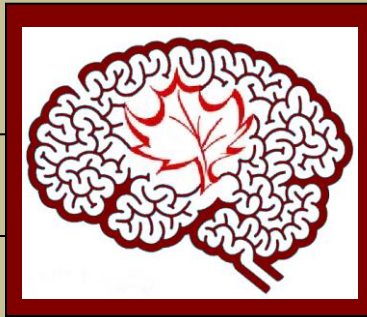
Cognitive Enhancement
Deep Brain Stimulation
Global Health and Neuroethics
Neuroscience and Free Will
Brain-Based Legal Implications,
Neuroscience and National Security
Alzheimer's Disease Biomarkers
Addiction Neuroethics

More details about the speakers and panels as well as the suggested readings to prepare for the discussion can be found here:

<http://www.neuroethicssociety.org/2013-speakers-and-suggested-readings>

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Literature-Littérature

ARTICLES

Alarm over autism test

Underwood E. Science 2013; 341(6151): 1164-7.

<http://www.sciencemag.org/content/341/6151/1164.summary>

Methodological deficits in neuroethics: Do we need theoretical neuroethics?

Northoff G. Nervenarzt. 2013 Sep 11. [Epub ahead of print] Article in German

<http://link.springer.com/article/10.1007%2Fs00115-013-3732-9>

Cognitive enhancement in children and adolescents: Is it in their best interests?

Gaucher N, Payot A, Racine E. Acta Paediatr. 2013 Aug 29. doi: 10.1111/apa.12409. [Epub ahead of print]

What's trust got to do with it? Revisiting opioid contracts.

Buchman DZ, Ho A. J Med Ethics. 2013 Sep 7. doi: 10.1136/medethics-2013-101320. [Epub ahead of print]

<http://jme.bmj.com/content/early/2013/09/07/medethics-2013-101320.long>

A Canadian perspective on documentary film: Drug Addict.

Boyd S. Int J Drug Policy. 2013 Sep 4.

Philosophical issues in dementia.

Hughes JC. Curr Opin Psychiatry. 2013 May;26(3):283-8.

Public attitudes toward cognitive enhancement

Nicholas S, Fitz NS et al. Neuroethics 2013 [Epub ahead of print]

<http://link.springer.com/article/10.1007/s12152-013-9190-z>

It's time to put maternal suicide under the microscope

Kirsten Patrick K. CMAJ September 16, 2013 185:1115.

<http://www.cmaj.ca/content/185/13/1115.full.html>

Relation between place of residence and postpartum depression

Vigod SN. CMAJ September 16, 2013 185:1129-35.

<http://www.cmaj.ca/content/185/13/1129.abstract.html>

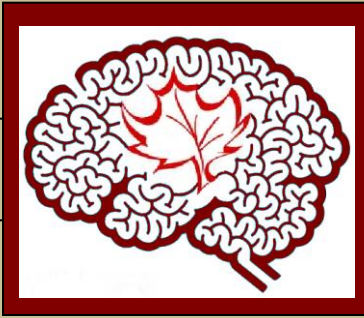
The HIPAA Conundrum in the Era of Mobile Health and Communications

Wang CJ, Huang DJ. JAMA. 2013;310(11):1121.

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Literature-Littérature



Does television reflect the evolution of scientific knowledge? The case of attention deficit hyperactivity disorder coverage on French television

Mélanie Bourdaa M et al. Public Understanding of Science 2013 [Epub ahead of print]
<http://pus.sagepub.com/content/early/2013/05/31/0963662513484842.abstract>

Preventing seclusion in psychiatry: A care ethics perspective on the first five minutes at admission.

Voskes Y, Kemper M, Landeweer EG, Widdershoven GA. Nurs Ethics. 2013 Sep 12. [Epub ahead of print]

Ethics and social risks in brain stimulation.

Walsh VQ. Brain Stimul. 2013 Sep;6(5):715-7.

Ethical Aspects of Vegetative and Minimally Conscious States.

Mallia P, Daniele R, Sacco S, Carolei A, Pistoia F. Curr Pharm Des. 2013 Sep 11. [Epub ahead of print]

The value of sharing treatment decision making with patients: expecting too much?

J. Katz SJK, Hawley, A. JAMA. Published online September 23, 2013.
<http://jama.jamanetwork.com/article.aspx?articleid=1741778>

Neuroscientists in court

Jones OD et al. Nature Reviews Neuroscience 2013; 14:730-6.
<http://www.nature.com/nrn/journal/v14/n10/full/nrn3585.html>

End-of-life care in neurodegenerative conditions: outcomes of a specialist palliative neurology service.

Hussain J, Adams D, Campbell C. Int J Palliat Nurs. 2013 Apr;19(4):162-9.

Has psychiatric diagnosis labelled rather than enabled patients?

Callard F, Bracken P, David AS, Sartorius N. BMJ. 2013 Jul 25;347:f4312.

Risk assessment in mental health care: values and costs.

Szmukler G, Rose N. Behav Sci Law. 2013 Jan-Feb;31(1):125-40.

Why non-invasive brain stimulation should not be used in military and security services.

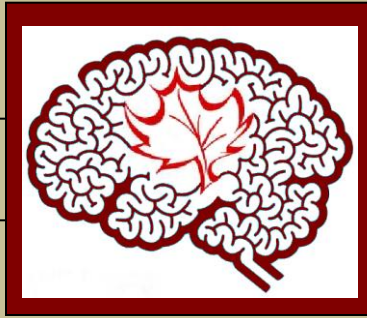
Sehm B, Ragert P. Front Hum Neurosci. 2013 Sep 9;7:553.

Normative preconditions for the assessment of mental disorder.

Stier M. Front Psychol. 2013 Sep 9;4:611.

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Literature-Littérature

[Organ donation after acute brain death: addressing limitations of time and resources in the emergency department.](#)

Robey TE, Marcolini EG. Yale J Biol Med. 2013 Sep 20;86(3):333-42.

[Ethical considerations in deep brain stimulation for psychiatric illness.](#)

Grant RA, Halpern CH, Baltuch GH, O'Reardon JP, Caplan A. J Clin Neurosci. 2013 Sep 18.

[The infancy of infant pain research: the experimental origins of infant pain denial.](#)

Rodkey EN, Pillai Riddell R. J Pain. 2013 Apr;14(4):338-50.

[D. Alan Shewmon and the PCBE's White Paper on Brain Death: are brain-dead patients dead?](#)

Brugger EC. J Med Philos. 2013 Apr;38(2):205-18.

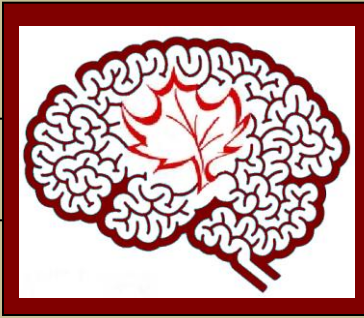
[Ethical issues in using deception to facilitate rehabilitation for a patient with severe traumatic brain injury.](#)

Matthes J, Caples H. J Head Trauma Rehabil. 2013 Mar-Apr;28(2):126-30.

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Literature-Littérature



NEWS

[Impact Ethics: Making a Difference in Bioethics](#)

Baylis, F. Impact Ethics.

[Alzheimer's drugs lack benefit for mild cognitive impairment](#)

Ubelacker, S. The Canadian Press. September 16, 2013.

[Mental health care needed by 1 in 6 Canadians](#)

CBC News. September 18, 2013.

[Alzheimer's brain scan detects tau protein](#)

Gallagher, J. BBC News. September 18, 2013.

[Alzheimer's causes half of long-term care cases](#)

The Associated Press. September 20, 2013.

[Changing brains: why neuroscience is ending the Prozac era](#)

Bell, V. The Guardian. September 22, 2013.

[How to regulate Ritalin and Adderall](#)

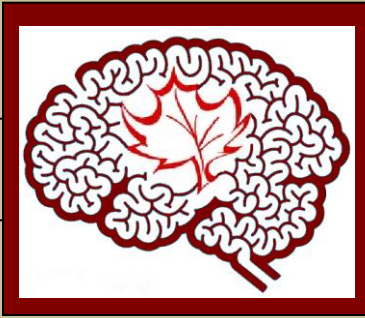
Dubljevic, V. Neuroethics and Law Blog. September 23, 2013.

[Intelligence Testing: Accurate or Extremely Biased?](#)

Young, E. The Neuroethics Blog. September 24, 2013.

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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/>

Canadian Neuroethics Network
<http://www.neuroethics.ca>

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

Centre for Neurosciences, Johannes Gutenberg-University of Mainz
<http://www.neuroethik.ifzn.uni-mainz.de/index.php?L=1>

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.blogspot.com

Emory Program in Neuroethics
ethics.emory.edu/neuroethics

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.

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