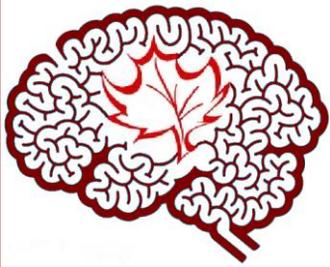


Brainstorm

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



April 1, 2014
1^{er} Avril 2014

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Editorial team

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Veljko Dubljevic, PhD Co-editor

Eric Racine, PhD, Editor

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Québec



Events-Événements

**NEURO-INTERVENTIONS AND THE LAW:
Regulating Human Mental Capacity**
12-14 September 2014, Atlanta, GA, USA.

[http://atlneuroethics.org/
conference@atlneuroethics.org](http://atlneuroethics.org/conference@atlneuroethics.org)

HEADLINED PANELISTS AND SPEAKERS

- Judge Andre Davis (U.S. Court of Appeals for the Fourth Circuit)
 - Walter Glannon (University of Calgary)
- Justice David Nahmias (Supreme Court of Georgia)
 - Eddy Nahmias (Georgia State University)
 - Chris Ryan (University of Sydney)
 - Francis Shen (University of Minnesota)
 - Katrina Sifferd (Elmhurst College)
 - Nicole Vincent (Georgia State University)

CALL FOR ABSTRACTS

We invite submission of abstracts of 500-750 words from researchers in relevant disciplines – e.g. neuroscience, psychology, medicine, law, philosophy, social science – and from policy makers, professionals (including legal and medical professionals), representatives of professional bodies, and government.

REGISTRATION AND PROGRAM

Thanks to generous financial support from sponsors, attendance is free of charge, but registration is essential since places are limited. Details about how to register and the conference program at

<http://atlneuroethics.org/conference>

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Profil/Profile

Fabrice Jotterand, PhD, MA

Dr. Fabrice Jotterand (PhD, Rice University) is originally from Switzerland and is an Associate Professor in the Department of Health Care Ethics at Regis University. His scholarship includes numerous articles and book chapters as well as lectures in the area of bioethics and neuroethics. He has edited three books: *The Philosophy of Medicine Reborn: A Pellegrino Reader* (2008); *Emerging Conceptual, Ethical and Policy Issues in Bionanotechnology* (2008), and *The Development of Bioethics in the United States* (2013). He is currently working on an edited volume (with Dr. Veljko Dubljevic, *Cognitive Enhancement: Ethical and Policy Implications in International Perspectives*) on cognitive enhancement under contract with Oxford University Press. Recently, he was the guest editor for a special issue on "Psychopathy, Neurotechnologies, and Neuroethics" for *Theoretical Medicine and Bioethics*. He has also appeared on radio shows for his expertise in neuroethics.

Dr. Jotterand's current research interests focus on two areas. The first project explores the ethical, clinical, and public policy implications of the use of neurotechnologies for the detection, treatment, and prevention of personality disorders such as psychopathy. The second project critically examines questions surrounding cognitive enhancement, with a particular attention to moral bioenhancement. He believes that to harvest the potential clinical and social benefits of advances in neuroscience and neurotechnologies, it is imperative to avoid a reductionistic approach that places blind trust in the ability of these modalities to address, in isolation, complex questions related to human behavior.

Representative Publications and Media Appearance

Jotterand, F. & Giordano, J. (2011). "Transcranial Magnetic Stimulation, Deep Brain Stimulation and Personal Identity: Ethical Questions, and Neuroethical Approaches for Medical Practice. *International Review of Psychiatry* 23(5):476-485.

Jotterand, F. (2011). "'Virtue Engineering' and Moral Agency: Will Post-Humans Still Need the Virtues?" *AJOB Neuroscience* 2(4): 3-9.

Jotterand, F., & J. Giordano (in press, 2014). "Real-time Functional Magnetic Resonance Imaging (rtfMRI)-Brain Computer Interfacing in the Assessment and Treatment of Psychopathy: Potential and Challenges" in J. Clausen et. al. (Eds) *Handbook of Neuroethics*. Dordrecht: Springer.

Guest (with James Hughes and , Wendell Wallach), The Colin McEnroe Show, WNPR Hartford Connecticut Public Radio, Topic: *Moral Enhancement*, March 19, 2012

Postdoctoral Research Fellow in Applied Moral Philosophy: Neurointerventions in Crime Prevention: An Ethical Analysis

Faculty of Philosophy, University of Oxford

Grade 7: Salary in the range £29,837 - £36,661 p.a.

Vacancy ref: 112519

Applications are invited for a two-year Research Fellowship in Applied Moral Philosophy. The full-time post is part of a Wellcome Trust-funded project '**Neurointerventions in Crime Prevention: An Ethical Analysis**'. The successful applicant will conduct philosophical research on autonomy, coercion, manipulation, bodily integrity or penal theory and apply this work to the questions in criminal justice policy and neuroethics addressed by the project. The postholder will work under the supervision of the project's Principal Investigator, Dr Thomas Douglas.

The post is located at the Oxford Uehiro Centre in central Oxford and the start date is 1 October 2014.

Applicants should have a research specialisation in one or more of the following areas: moral, political or legal philosophy; bio- or neuro-ethics; criminal justice ethics. The ability to work both collaboratively and independently, and to produce papers for publication without the supervision of others is also required. The postholder will have obtained prior to the start date, a PhD (or equivalent doctorate) in philosophy or a closely relevant discipline, or will have submitted (and preferably had examined) a thesis for such a degree. Appointment to the position will be conditional on prior submission of the doctoral thesis.

Applications must be made online via the Oxford University jobs website:

https://www.recruit.ox.ac.uk/pls/hrsliverecruit/erq_jobspec_version_4.jobspec?p_id=112519 where further particulars for the post are available.

Applications to be submitted no later than midday on 24 April 2014.

Enquiries can be directed to: deborah.sheehan@philosophy.ox.ac.uk

Call for Papers

9th International Conference on Applied Ethics:

'Security, Sustainability and Human Flourishing'

October 31 - November 2 (Fri–Sun), 2014

Hosted by the Center for Applied Ethics and Philosophy (CAEP)

Hokkaido University (Sapporo, Japan)

We are delighted to announce the 9th International Conference on Applied Ethics on October 31 - November 2, 2014, at Hokkaido University in Sapporo, Japan.

We invite papers written towards the conference theme of security, sustainability and human flourishing and will give these preferences, but we also welcome papers in applied ethics, broadly construed, that address philosophical, political, economic, social, and cultural issues in applied ethics beyond the conference theme.

This includes, but is not limited to:

meta/normative ethics, bio/medical ethics, engineering ethics, ethics of science and technology, information ethics, environmental ethics, business ethics, feminist/gender/sexuality ethics, philosophy of sex, political philosophy, moral psychology, and international/global ethics.

Confirmed speakers include:

Nancy Sherman (Georgetown), Dale Jamieson (NYU), Alan Soble (Drexel), Philip Brey (Twente)

Those participants who wish to present papers are requested to submit a 150–300 word abstract in a MS-Word file (.doc) to CAEP (caep@let.hokudai.ac.jp) by **Monday, June 30, 2014**.

Presented papers may be considered for publication in both our print and electronic journal upon submission and review.

Up to ten travel awards of between 20,000 and 30,000 JPY (equivalent to approx. 200–300 USD) are available for overseas graduate students and non-tenured scholars who present papers. The grant application form is available from the CAEP webpage:

For further details, please visit our website:

<http://ethics.let.hokudai.ac.jp>

All queries should be sent to: caep@let.hokudai.ac.jp

Center for Applied Ethics and Philosophy
Graduate School of Letters
Hokkaido University
N10 W7, Kita-ku
Sapporo 060-0810, Japan

Announcements-Annonces

Call for Papers : Third International Conference on Responsible Innovation

Responsible Innovation: Values and Valorisation

21-22 May 2014 ; The Hague, The Netherlands

Website: www.responsible-innovation.nl

We invite you to submit abstracts for the Third International Conference on Responsible Innovation organized by the Netherlands Organisation for Scientific Research (NWO). NWO has launched an interdisciplinary research program that brings together researchers from ethics, applied science and the social and behavioral sciences in research projects that consider the ethical and social aspects of new technology from the design phase onwards.

Research in the field of Responsible Innovation is typically geared towards solutions to the grand and societal challenges as they figure in the Millennium Goals and the EU Horizon2020 program. Contributions are expected to clarify how the research presented is oriented towards such solutions, by means of offering guidance in thinking about the moral justification of technical, economic or institutional aspects of innovations.

We encourage submissions from an interdisciplinary spectrum, including but not limited to philosophy, engineering, applied science, social science, economics and those involved in public or private sector policymaking. You may submit abstracts for a paper or a poster session using the [online submission tool](#) on the conference website.

A selection of papers will be published in the third volume of the Conference Series (Springer).

To offer a paper or poster for one of the sessions, please submit an extended abstract (circa 1,000 words) using the online submission tool (your abstract should indicate whether you intend to present a paper or a poster).

SUITABLE TOPICS INCLUDE (but are not limited to)

- Medical technology and biomedical research
- e-Health
- Virtual and Augmented Reality
- Surveillance
- Renewables
- Neurotechnology
- Military technology and cyberwarfare
- Human enhancement
- Big Data
- Smart transport
- Sustainable food and water
- Smart grids and biofuels
- Biodiversity and animal production
- Law, ethics, and development

We especially invite submissions from contributors from developing countries, who may be eligible for a scholarship in order to cover (part of their) travel expenses. In that case, please send a separate e-mail to Jasper Roodenburg (mvi@nwo.nl) with the subject line "Submission Scholarship MVI Conference 2014". The e-mail should contain an indication of the expected travel and accommodation costs and state the contributor's country of origin.

Contributions will have to be submitted using the online submission tool. Note that you will first have to create an account, which will be used as well for the further review process. The tool for submission can be accessed through the following link: <http://www.responsible-innovation.nl/conference/conftool2014/>

Announcements-Annonces

Memory and Mind: Perspectives from Philosophy and Neuroscience

ECE Summer School at Ruhr University Bochum, Germany

7 Sept – 20 Sept 2014

We invite applications for participation at the European Campus of Excellence (ECE) Summer School on Memory and Mind: an interdisciplinary course, integrating the fields of philosophy, neuroscience, psychology, computer science and medicine. Deadline: 20 April 2014.

The demands on young researchers in philosophy and the cognitive and neurosciences have increased dramatically during the last decade. Whereas many philosophers need to understand state-of-the-art empirical research in the cognitive and neurosciences, empirical scientists often face conceptual challenges which require philosophical knowledge and excellent analytical skills. From 7 Sept -20 Sept 2014, the European Campus of Excellence Summer School will be held at the Ruhr University Bochum, taking a truly integrative approach to contemporary problems in the areas of memory and mind. Gifted students from all over Europe meet with world-class scholars from all over the world to learn from each other, talk about and conduct research together. The young academics not only get the opportunity to deepen their knowledge on questions of memory and mind, but also to get to know fellow students from other European universities. The summer school in Bochum is divided into four subsequent theoretical as well as four partly parallel experimental sections. Each theoretical section is dedicated to one research topic on the structure of memory and mind:

T1: Perception and Memory

T2: Emergence and Fate of the Memory Trace

T3: Sleep, Dream, Memory

T4: Emotion and Semantic Memory

During four days, the students will put the newly acquired information into practice in hands-on experimental sessions.

E1: Neuronal Correlates of Recollection and Familiarity. An fMRI Investigation

E2: Behavioral and Molecular Correlates of Memory Function

E3: Computational Models of Associative Memory

E4: ERP Measurement and Semantic Comprehension

Additionally, the participants have the opportunity to present their own research and get feedback from eminent scholars:

Prof. Dr. Alessio Avenanti (U Bologna, Psychology); Prof. Dr. Sven Bernecker (UC Irvine, Philosophy); Prof. Dr. Jan Born (U Tübingen, Neuroendocrinology); Prof. Dr. John Campbell (UC Berkeley, Philosophy); Prof. Dr. Carl Craver (U St Louis, Philosophy); Prof. Dr. Jozsef Csicsvari (IST Klosterneuburg, Neuropharmacology); Prof. Dr. Alain Destexhe (CNRS Gif-sur-Yvette, Neuroscience); Prof. Dr. Kim Graham (Cardiff U, Psychology); Prof. Dr. Michael Hasselmo (Boston U, Psychological & Brain Sciences); Prof. Dr. Lynn Nadel (U Arizona, Psychology); Prof. Dr. Karim Nader (McGill U, Neuroscience); Prof. Dr. Albert Newen (U Bochum, Philosophy); Prof. Dr. Charan Ranganath (UC Davis, Psychology); Prof. Dr. Craig Stark (UC Irvine, Neurobiology); Prof. Dr. Thomas Suddendorf (U Queensland, Psychology); Dr. Fabrice Teroni (U Bern, Philosophy); Dr. Jennifer Windt (U Mainz, Philosophy)

Participation quota: 30 students performing studies at European universities (EU countries, Norway, Switzerland) or students studying outside Europe and holding European citizenship. We also encourage applications from Turkey and Israel. The summer school addresses students of philosophy and the cognitive and neurosciences. It is open to Master & PhD students, as well as students at an advanced BA level (3rd year).

Scholarships: We are committed to admitting talented students from diverse backgrounds. Accepted applicants will receive a scholarship: tuition will be waived completely; travel, lodging and food will be mostly covered.

Application: The online application period for this summer school will be closed on **20 April 2014**.

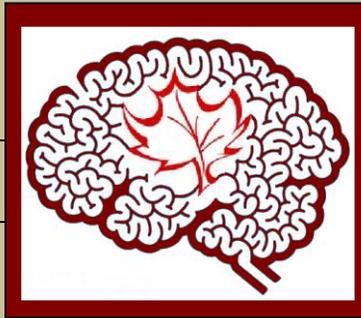
Please visit the website of our application system: <http://euca-excellence.eu/euca/>

If you have any questions, please write to kevin.reuter@rub.de.

This summer school is supported by Stiftung Mercator and the Hertie Foundation. It is an initiative in the framework of the European Campus of Excellence (ECE).

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Events- Événements

International Scientific Conference on Neuroethics
and First Conference of the Italian Society for Neuroethics (SINe)

A VIEW FROM WHICH MIND? THE NEUROETHICS PERSPECTIVE

Padua, Italy – May 14th – 16th, 2014

Keynote Speakers (among others)
Michael Gazzaniga, Diego Marconi, Laura Boella,
Michele Di Francesco, Pierre Jacob, Tania Singer, Karsten Stueber

Contributions will be considered for presentation insofar as they deal with topics broadly related to neuroethics, such as the applications and the philosophical, social, medical, psychological, legal, economic, and political consequences of research in neuroscience and cognitive science. Contributions can be experimental, theoretical, analytical, or critical.

Submission Guidelines and Attendance:

Participants can only send one contribution as first authors, but they can appear as second authors of other contributions.

Abstracts must be submitted to convegno@societadineuroetica.it, in either .doc or .pdf format. Any request of information should also be sent to the same e-mail address.

Abstracts must be ready for blind review.

The submission files must contain only the title of the contribution, the abstract and the references. Abstracts should not exceed 300 words, plus 10 references records, which will not be considered in the word count.

Abstracts can be written either in Italian or in English, according to the language chosen for the paper. In the text of the e-mail authors should indicate their personal information: name and family name; affiliation; areas of interest; date of birth; title of the paper; e-mail address; phone number.

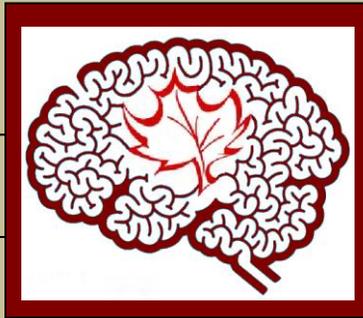
Moreover, authors will have to specify whether they want to participate in the posters' competition for prizes or not.

The deadline for abstract submission is April 3rd, 2014.
Notification of acceptance will be given by April 15th, 2014.

Abstracts will be subject to blind review. The Scientific Committee will be selected from members of the Italian Society for Neuroethics (<http://societadineuroetica.it/>).

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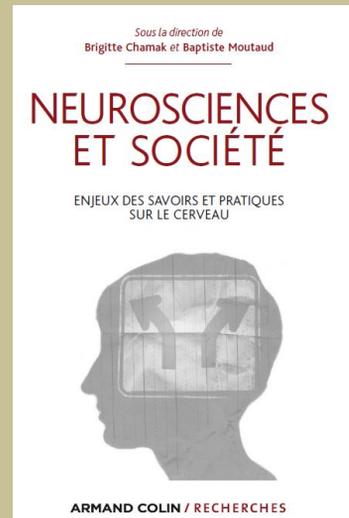


Literature-Littérature

BOOKS

Neurosciences et société: Enjeux des savoirs et pratiques sur le cerveau

Chamak B et Moutaud B (éds), Éditions Armand Colin, 2014.



ARTICLES

[The attitudes of mental health professionals towards patients' desire for children.](#)

Krumm S, Checchia C, Badura-Lotter G, Kilian R, Becker T. BMC Med Ethics. 2014 Mar 2;15(1):18. [Epub ahead of print]

Cost-Related Motivations for Conducting Research: Participants Should Be Informed

Rahul K. Nayak, BSE, Steven D. Pearson, MD, MSc, Franklin G. Miller, PhD.
JAMA. Published online March 10, 2014.

Disparities in Access to Deep Brain Stimulation Surgery for Parkinson Disease: Interaction Between African American Race and Medicaid Use

Andrew K. Chan, BS, Robert A. McGovern, MD, Lauren T. Brown, BA, et al.
JAMA Neurol. 2014;71(3):291

[Ethics, Regulation, and Comparative Effectiveness Research: Time for a Change](#)

Platt R et al. JAMA. Published online March 13, 2014. doi:10.1001/jama.2014.2144

[Medical criteria of pathologicity and their role in scientific psychiatry-comments on the articles of Henrik Walter and Marco Stier.](#)

Hucklenbroich P. Front Psychol. 2014 Feb 19;5:128.

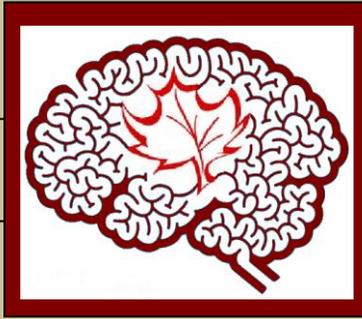
[Disclosing a misdiagnosis of multiple sclerosis: do no harm?](#)

Solomon AJ, Klein E. Continuum (Minneapolis, Minn). 2013 Aug;19(4 Multiple Sclerosis):1087-91.

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Literature-Littérature



[The Cost of War--Then and Now: Commentary on "Neuro Psychiatry 1943"](#)

Fangerau H. J Hist Med Allied Sci. 2014 Mar 9. [Epub ahead of print]

[\[Psychiatry and neuroethics\].](#)

Suárez Richards M. Vertex. 2013 May-Jun;24(109):233-40. Spanish.

[\[Ethics and occupational physicians: ethics and mission required for occupational physicians\].](#)

Fujino A. J UOEH. 2013 Oct;35 Suppl:27-34. Japanese.

[Parkinson's disease patients with subthalamic stimulation and carers judge quality of life differently.](#)

Lewis CJ, Maier F, Eggers C, Pelzer EA, Maarouf M, Moro E, Zurowski M, Kuhn J, Woopen C, Timmermann L. Parkinsonism Relat Disord. 2014 Feb 20. pii: S1353-8020(14)00062-5.

[Neuroscientists navigate divide on nonhuman primate research: new regulations concern some researchers, but others question the necessity of most research on nonhuman primates.](#)

Schwartz A. Ann Neurol. 2013 Dec;74(6):A8-9.

[Criminal Minds: Neuromodulation of the Psychopathic Brain.](#)

Canavero S. Front Hum Neurosci. 2014 Mar 5;8:124.

[Coercion and the corruption of care in mental health nursing: lessons from a case study.](#)

Hutchinson M, Jackson D, Walter G, Cleary M. Issues Ment Health Nurs. 2013 Jun;34(6):476-80.

[Where is the citizen? Comparing civic spaces in long-term mental healthcare.](#)

Ootes ST, Pols AJ, Tonkens EH, Willems DL. Health Place. 2013 Jul;22:11-8.

The Incredible Complexity of Being? Degrees of Influence, Coercion, and Control of the "Autonomy" of Severe and Enduring Anorexia Nervosa Patients

Carney T. Journal of Bioethical Inquiry 2014; 11(1): 41-2.

http://link.springer.com/article/10.1007/s11673-013-9506-z?wt_mc=alerts.TOCjournals

Treatment Refusal in Anorexia Nervosa: The Hardest of Cases

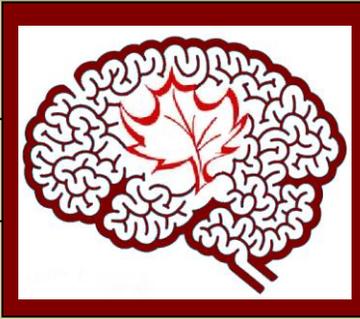
Ryan CJ Callaghan S. Journal of Bioethical Inquiry 2014; 11(1): 43-5.

http://link.springer.com/article/10.1007/s11673-013-9498-8?wt_mc=alerts.TOCjournals

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Literature-Littérature



[Ethical considerations when making exceptions to "rules" in psychiatry.](#)

Howe E. *Innov Clin Neurosci*. 2014 Jan;11(1-2):32-8.

[Methods of influencing the decisions of psychiatric patients: an ethical analysis.](#)

Blumenthal-Barby JS, McCullough LB, Krieger H, Coverdale J. *Harv Rev Psychiatry*. 2013 Sep-Oct;21(5):275-9

Conceptual and Practical Problems of Moral Enhancement

Beck B. *Bioethics* 2014. [Epub ahead of print]

<http://onlinelibrary.wiley.com/doi/10.1111/bioe.12090/abstract>

[Deception in human experimental and public health research on alcohol problems.](#)

Hendershot CS, Cunningham JA, George WH. *Am J Bioeth*. 2013;13(11):48-50.

[Seeking asylum in Australia: immigration detention, human rights and mental health care.](#)

Newman L, Proctor N, Dudley M. *Australas Psychiatry*. 2013 Aug;21(4):315-20.

[Protecting rights and building capacities: challenges to global mental health policy in light of the convention on the rights of persons with disabilities.](#)

Wildeman S. *J Law Med Ethics*. 2013 Spring;41(1):48-73.

NEWS AND SOCIAL MEDIA

[Opinion: What science does with human brain is subject to great debate](#)

Robillard, J, Reiner, P, and Illes, J. *The Vancouver Sun*. March 10, 2014.

[Brain scans are fascinating but behaviour tells us more about the mind](#)

Loveday, C. *The Conversation*. March 11, 2014.

[On Silence in the Dan Markingson Case](#)

Borgerson, K. *Impact Ethics*. March 18, 2014.

[Brain](#)

Bassiri, N. *Somatosphere*. March 18, 2014.

[Medical debate over defining death has implications for organ donors](#)

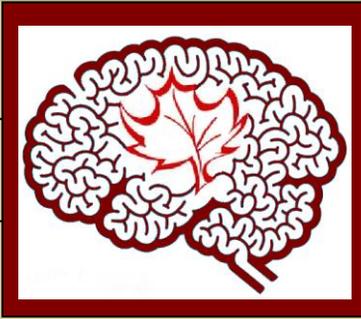
Sisler, J. *CBC News*. March 21, 2014.

[The silence of the bioethicists](#)

Turner, L. *Impact Ethics*. March 24, 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/>

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

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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