

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



November 1st,
2013

1^{er} novembre 2013

Profile

Profil 2

Announcements

Annonces 3

Events

Événements 7

Neuroethics literature

Littérature
neuroéthique 8

Resources

Ressources 13

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Sponsors:



Commanditaires:



Events-Événements

2013 International Neuroethics Society Annual Meeting San Diego, California

Friday, November 8 8:00 a.m. – 7:30 p.m.
International Neuroethics Society Annual Meeting
San Diego Marriott Marquis & Marina, San Diego
Ballroom B
Registration is required.

Only a **couple of days to go**, so register today!

For a list of speakers and suggested readings, [click here](#).

Listen to INS Member Molly Crockett cordially invite you to the 2013 Annual Meeting [here](#).

Topics include:

“The Science and Ethics of Moral Enhancement”

“States of Consciousness: Neuroethics in impairments of consciousness, brain-machine interfacing and end of life decisions?”

“Can Neuroscience Inform Us about Criminality & the Capacity for Rehabilitation?”

For more information visit
<http://www.neuroethicssociety.org/2013-annual-meeting>



Profil/Profile

WILLIAM J. WINSLADE, Ph.D., J.D., Ph.D.

William J. Winslade is the James Wade Rockwell Professor of Philosophy in Medicine, Professor of Preventive Medicine and Community Health and Professor of Psychiatry and Behavioral Sciences, and is a member of the Institute for the Medical Humanities at the University of Texas Medical Branch, Galveston, Texas and Adjunct Professor of Philosophy at the University of Texas, Austin. He is also Distinguished Visiting Professor of Law at the University of Houston Health Law and Policy Institute.

His academic and professional background includes a Ph.D. in philosophy from Northwestern University, a J.D. from UCLA Law School, a Ph.D. in Psychoanalysis from the Southern California Psychoanalytic Institute, and an Honorary D. H. L. from Monmouth College. He is a Fellow of the Hastings Center and was a ZIF Fellow (2009-2011).

Philosophic, legal, and psychoanalytic ideas are applied in his work to the study of human values in science, medicine, technology and law. Professor Winslade's book, *Confronting Traumatic Brain Injury: Devastation, Hope and Healing*, was published by Yale University Press in 1998. He has co-authored with Albert Jonsen and Mark Siegler, *Clinical Ethics: A Practical Approach to Ethical Decisions in Clinical Medicine, 7th Edition* (McGraw-Hill, 2010). His current research interests focus on neuroethics and brain studies, especially how consciousness and loss of consciousness are related to problems such as dementia, personhood and treatment decisions. A related recent publication is "Human Dignity, Human Consciousness, and Human Life," in *Menschenwürde und Moderne Medizintechnik*, Jan C. Joerden, Eric Hilgendorf, and Natalia Petrillo, eds. Nomos Verlagsgesellschaft, Baden-Baden, 2011.

I believe that neuroethics is among the most important areas for interdisciplinary collaboration between neuroscientists and other scholars. However, I am concerned that hast extrapolations and premature popularizations from limited data promotes oversimplification of complex issues. The interactions among brains, bodies, minds and environments calls for careful and comprehensive research and reflection.

PhD-scholarships in Neurophilosophy

The Graduate School of Systemic Neurosciences (GSN) at LMU Munich invites applications for several PhD scholarships in Neurophilosophy.

The GSN is the teaching entity for the Munich Center of Neurosciences - Brain & Mind (MCN). Through creating an interdisciplinary network of research the GSN provides a stimulating environment for students and faculty to produce novel formulations of current concepts and theories.

Successful applicants will be affiliated with the Research Center for Neurophilosophy and Ethics of Neurosciences at the GSN. We especially encourage projects in the following areas:

- philosophy of cognitive neuroscience (explanation, reduction)
- philosophy and cognitive science of agency (mental causation, free will, moral psychology, abilities)
- philosophy and cognitive science of reasoning (e.g. deductive and non-deductive reasoning, logic and neural networks, decision making)
- ethics of neuroscience (research ethics, enhancement)

In each application round we encourage applications in focus areas in order to build small research groups. In the 2013/14 round the focus areas are: reasoning and decision making (esp. deductive and non-deductive reasoning in science and ordinary life, individual and collective decision making); human agency (esp. mental causation, complex action, multi-tasking, attention, reductive and non-reductive explanation of agency. However, single exceptional and independent projects in one of the other areas are also encouraged.

Applicants should have advanced training in philosophy (typically a Master's degree in philosophy) and a genuine interest in the neurosciences. This includes the willingness to acquire substantial knowledge of empirical work relevant to their philosophical project. Cooperative projects with empirical scientists in the network of the MCN are strongly encouraged. The reasoning and decision making projects are closely linked to the research of the MCMP (<http://www.lmu.de/mcmp>) and at least one supervisor should be a member of the MCMP.

The application period will open on December 1st and will close on February 1st. Please check our website (www.neuro.philosophie.lmu.de) for details concerning the application procedure. The application includes an outline of your proposed research project, a CV, an official transcript of your academic work (list of attended courses; grades), diplomas and two separate academic reference letters. Please also name two potential supervisors from the core or affiliated faculty of the Research Center.

Postdoctoral Fellowship in Neuroethics

The Brain and Mind Institute and the Rotman Institute of Philosophy invite applications for a Postdoctoral Fellowship in Neuroethics. The Fellowship will provide a new scholar in neuroethics with a unique opportunity to pursue scholarly research in collaboration with neuroscientists and philosophers.

Western's Brain and Mind Institute ([website](#)) is a leading international center for cognitive neuroscience research. Ongoing research seeks to understand the neural bases of mental abilities such as perception, memory, reasoning, attention, self-awareness, motor control, language, and consciousness. Faculty include six Canada Research Chair holders and the recipient of a Canada Excellence Research Chair.

The Rotman Institute of Philosophy ([website](#)) is situated in one of Canada's leading departments of philosophy, and it brings together philosophers and scientists to work on problems of global significance. Rotman faculty include two Canada Research Chair holders, and ongoing research focuses on a variety of aspects of contemporary physics, biology, and medical science.

The Postdoctoral Fellowship in Neuroethics has a two year term, and the Fellow will be co-supervised by Dr. Charles Weijer (Rotman Institute of Philosophy) and Dr. Adrian M. Owen (Brain and Mind Institute). The Fellow will be affiliated with Dr. Owen's lab ([website](#)) in the Brain and Mind Institute and will participate fully in Dr. Weijer and Dr. Owen's neuroethics research group. Their research team brings together philosophers, physicians, and neuroscientists to explore ethical issues in the use of neuroimaging to map residual cognitive function in vegetative, minimally conscious, and comatose patients after serious brain injury. The Fellow will have an office within the Rotman Institute of Philosophy, and will participate fully in the research life of the Rotman Institute, including participation in conferences, research groups, and reading groups. There may also be an opportunity to teach a half course in the Department of Philosophy.

Candidates must have had a PhD in philosophy, bioethics, or a related discipline conferred within five years of the start of the Fellowship. All PhD requirements must be completed by the starting date of this Postdoctoral Fellowship, May 1, 2014. The stipend is \$40,000 CDN. Additionally, the Fellow may be reimbursed for up to \$5,000 CDN in eligible research expenses per year. Please send a curriculum vitae, writing sample, research statement, and three letters of reference to:

Carol Suter, Administrative Assistant, Rotman Institute of Philosophy, 2150A Stevenson Hall, Western University, London, Ontario, Canada N6A 5B8. Email: csuter4@uwo.ca. Fax: 519-661-3261. All items, except letters of reference, may be sent by email.

The deadline to apply is December 15, 2013. Applicants should have fluent oral and written communication skills in English. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. Western University is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

Announcements-Annonces

AAAS Scientific Responsibility, Human Rights and Law Program Internship Opportunities

Click [here](#) or scroll down to view a list of the Program's current interns.

The Program

Based within the AAAS [Center of Science, Policy & Society Programs](#), the Scientific Responsibility, Human Rights and Law Program (SRHRL) addresses ethical, legal and human rights issues related to the conduct and application of science and technology.

The Internship

The Program has a long-standing commitment to providing substantive internship opportunities for undergraduates, graduate students, and post-docs from all fields of science and engineering, as well as law students.

Interns work closely with AAAS staff across a range of projects, helping to prepare proposals, organize meetings, contribute to publications, manage computer databases, draft web content, and participate in on-going research. They also have the opportunity to attend relevant conferences and meetings in the Washington, D.C. area, and write for the Program's newsletters.

Information about projects on which past interns have worked is available [here](#).

Internships are paid. The Program will accommodate students interested in receiving course credit. Requests for course credit must be pre-approved by your academic department and must be indicated in your application.

Requirements

An interest in the intersection of science and technology, human rights, ethics and the law. Excellent written and oral communication skills. Strong academic background. All fields will be considered. Scheduling is flexible, but interns are expected to work at least four days per week for a minimum of 32 hours per week. Internships are for a period of 10-12 weeks, with preference given to candidates who can intern for at least 12 weeks.

Special Offerings: Geospatial Technologies and Human Rights project intern (year-round opening)

The Program is interested in an intern with experience in Geographic Information Systems (GIS) and Remote Sensing to work with the [Geospatial Technologies and Human Rights Project](#). The project intern will devote 15-20 hours of the AAAS internship to the project. The project seeks an undergraduate or graduate student currently enrolled in geography, remote sensing or a related field. Recent graduates are also welcome to apply. Applicants with GIS or image processing experience (e.g., ArcGIS, ERDAS Imagine, etc.) are preferred. Please note in your application cover letter whether you wish to be considered for this position.

To Apply

To apply or inquire about current internship opportunities, send a cover letter indicating your dates of availability and a resume to [Rebecca Carlson](#) by email with "AAAS Internship" as the subject line, or by mail at the following address: Attn: Rebecca Carlson
American Association for the Advancement of Science, 1200 New York Ave, NW Washington, DC 20005

Application Materials: CV, Cover letter (please indicate your dates of availability)

Deadlines for Application

Winter/Spring - November 15

Summer - March 15

Fall - July 15

International Applicants

International applicants must be in possession of the proper documents (student visa, green card, work visa) to work in the United States **before** their application will be considered.

Announcements-Annonces

CALL FOR PROPOSALS

“Mental Illness and Power”

A Philosophy Conference at the University of Memphis
Memphis, Tennessee, February 21-22, 2014

Keynote Speaker: David Goodman (Lesley University)

Deadline for proposals: November 15th, 2013

Contact e-mail: memphisgsa@gmail.com

This and more information available online at: http://www.memphis.edu/philosophy/pgsa_2014.php

As much historical and theoretical work has shown, the way people have understood mental illness throughout history is co-occurrent with shifting power relations within which human beings understand themselves. Mental illness manifests itself in different ways in different contexts and certain theoretical lines can be drawn between the way mental illness is understood and the forms of power which operate on the human mind, body and understanding. Recently many issues surrounding mental illness have become prominent in public discourse. To name a few examples, the controversial publication of the DSM 5; attempts by legislators to allow mental health professionals to refuse services based on values; the investigations of the mental health of mass murderers; and the expansion of mental health coverage intended by the Affordable Care Act. These issues have all been featured prominently on the nightly news while at the same time drawing the attention of public intellectuals and politicians. With this in mind, it seems that now is an opportune moment to open a dialogue about the relationship of mental illness and power.

Philosophy provides a promising, critical, yet constructive space in which to open this dialogue. Indeed, philosophy and the mental health professions have greatly influenced one another. Some philosophers are critical of mental health practices while others use psychological insights to develop their own theoretical resources. Many psychological theories have historically been influenced by philosophers, whether John Locke, the positivists, or the existentialists. Thus, philosophers and mental health professionals have much to share with one another, especially at this moment.

The Philosophy Graduate Student Association welcomes papers from philosophers of all stripes and theoretically interested scholars in other fields, including but not limited to: clinical mental health counseling, rehabilitation counseling, psychology, psychiatry, history, literature and the arts, and political science/studies.

To Submit:

Please prepare a proposal (500-700 words in length) for blind review in either .pdf or Microsoft Word file format. Send the file as an attachment to an e-mail with a body containing the title and the author's name, contact information, institutional affiliation and status (graduate student, faculty member, independent researcher, etc.) If accepted, final papers need to be suitable for a presentation approximately 20 minutes in length.

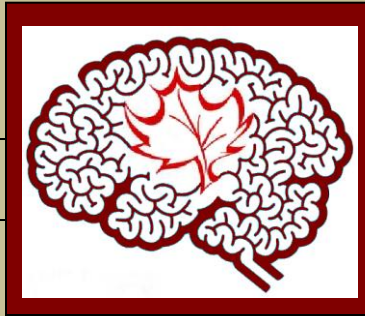
Proposals should be submitted to memphisgsa@gmail.com.

The deadline for submissions is November 15th, 2013.

This conference is sponsored by the Department of Philosophy, the Lillian and Morrie Moss Chair of Excellence, and the Philosophy Graduate Student Association at the University of Memphis.

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Events- Événements

Don't miss the **Brain Matters! Vancouver Conference**

Brain Matters! Vancouver is an exciting venue for researchers, thinkers and members of the public to come together and explore the implications of brain science and social responsibility. This is an opportunity to forge new collaborations, network with peers and experts in all fields of the brain sciences, and engage with the key stakeholders. Join us in expanding the conversation about the ethical, legal and social implications of brain science for promoting brain health and enabling well-being.

The meeting will be held from **March 12 to 14, 2014** in beautiful Vancouver, British Columbia. [Registration](#) is open.

CONFIRMED KEYNOTE SPEAKERS:

[Nita Farahany](#)
[Bartha Knoppers](#)

CONFIRMED SPEAKERS FOR THEMATIC SESSIONS:

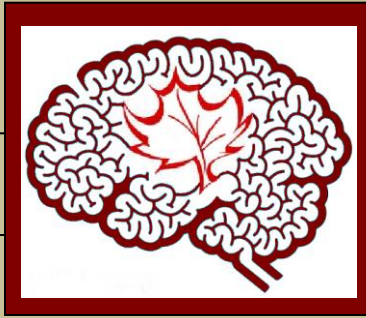
[Sarah-Jayne Blakemore](#)
[Wylie Burke](#)
[Timothy Caulfield](#)
[Jennifer Chandler](#)
[Thomas Daniel](#)
[Michael Krausz](#)
[Elena Moro](#)
[Anthony Phillips](#)
[Jason Scott Robert](#)
[Christopher Thomas Scott](#)
[Andrew Stirling](#)
[Larry Young](#)

See you in Vancouver!

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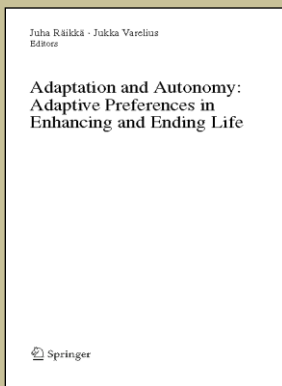
Literature-Littérature



BOOKS AND BOOK REVIEWS

Adaptation and Autonomy: Adaptive Preferences in Enhancing and Ending Life

Räikkä J, Varelius J. *Studies in Applied Philosophy, Epistemology and Rational Ethics*, Vol 10 2013I.



Brain Stimulation

Lozano AM and Hallett M. *Handbook of Clinical Neurology*, Vol 116, 2013, 550 pages.

ARTICLES

[Locked-In or Locked-Out, But Present](#)

Heilman KM. *JAMA Neurol.* 2013;70(10):1229.

[Increasing Awareness in Unawareness](#)

Bernat JL. *JAMA Neurol.* 2013;70(10):1231.

[Making Every Word Count for Nonresponsive Patients](#)

Naci L, Owen AM. *JAMA Neurol.* 2013;70(10):1235.

[Ethics guidance for neurological and psychiatric deep brain stimulation.](#)

Bell E, Racine E. *Handb Clin Neurol.* 2013;116C:313-25.

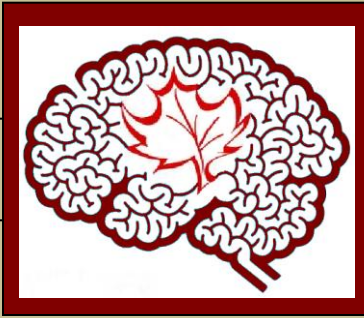
[Ethics and Health Policy of Dialyzing a Patient in a Persistent Vegetative State.](#)

Skold A, Lesandrini J, Gorbalkin S. *Clin J Am Soc Nephrol.* 2013 Oct 10. [Epub ahead of print]

Newborn Screening: Gaps in the Evidence

Wilcken B. *Science* 2013; 342(6155): 197-8.

<http://www.sciencemag.org/content/342/6155/197.short>



Supervised injection sites: Prejudice should not trump evidence of benefit

Zlotorzynska M et al. CMAJ October 15, 2013 185:1303-4.

<http://www.cmaj.ca/content/185/15/1303.full.html>

Risk of suicide 40 times higher for Inuit boys

Eggertson L. CMAJ 2013 185:E701-2.

<http://www.cmaj.ca/content/185/15/E701.full.html>

Ethical issues concerning the recruitment of university students as research subjects.

Leentjens AF, Levenson JL. J Psychosom Res. 2013 Oct;75(4):394-98.

Racial differences in withdrawal of mechanical ventilation do not alter mortality in neurologically injured patients.

Rubin MA, Dhar R, Diringer MN. J Crit Care. 2013 Oct 8 [Epub ahead of print].

Romanian orphans: A reconsideration of the ethics of the Bucharest early intervention project

Fins JJ, Bioethics Forum, 10/15/2013

<http://www.thehastingscenter.org/Bioethicsforum/Post.aspx?id=6581&blogid=140>

Detecting awareness after severe brain injury

Fernández-Espejo D, Owen AM. Nature Reviews Neuroscience 2013; 14: 801-9.

http://www.nature.com/nrn/journal/v14/n11/abs/nrn3608.html?WT.ec_id=NRN-201311

DSM-5 and RDoC: progress in psychiatry research?

B. J. Casey BJ et al. Nature Reviews Neuroscience 2013; 14: 810-14.

http://www.nature.com/nrn/journal/v14/n11/abs/nrn3621.html?WT.ec_id=NRN-201311

World Medical Association Declaration of Helsinki: Ethical Principles for Medical Research Involving Human Subjects

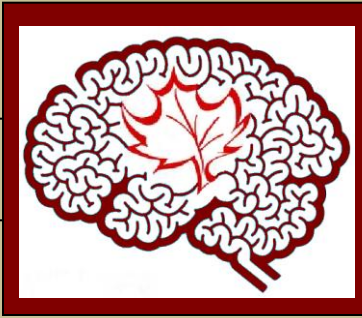
World Medical Association. JAMA. Published online October 19, 2013.

The Declaration of Helsinki, 50 Years Later

Ndebele P. JAMA. Published online October 19, 2013.

The 50th Anniversary of the Declaration of Helsinki: Progress but Many Remaining Challenges

Millum J et al. JAMA. Published online October 19, 2013.



Contributions of Psychological Science to Empirical Bioethics

Millera VA. AJOB Primary Research 2013; 4(3): 1-3.
<http://www.tandfonline.com/doi/full/10.1080/21507716.2013.806970>

Behavioral Science Research Informs Bioethical Issues in the Conduct of Large-Scale Studies of Children's Disease Risk

Tercyaka KP et al.. AJOB Primary Research 2013; 4(3): 4-14.
<http://www.tandfonline.com/doi/full/10.1080/21507716.2013.806968>

Empirically Derived Knowledge on Adolescent Assent to Pediatric Biomedical Research

Scherera DG. AJOB Primary Research 2013; 4(3): 15-26.
<http://www.tandfonline.com/doi/full/10.1080/21507716.2013.806967>

Moral Stress, Moral Practice, and Ethical Climate in Community-Based Drug-Use Research: Views From the Front Line

Fishera CB et al. AJOB Primary Research 2013; 4(3): 27-38.
<http://www.tandfonline.com/doi/full/10.1080/21507716.2013.806969>

Understanding What Participants in Empirical Bioethical Studies Mean: Historical Cautions From William James and Ludwig Wittgenstein

Weinfurta KP. AJOB Primary Research 2013; 4(3): 49-54
<http://www.tandfonline.com/doi/full/10.1080/21507716.2013.807893>

Neuroethics, confidentiality, and a cultural imperative in early onset Alzheimer disease: A case study with a first nation population.

Stevenson S, Beattie BL, Vedan R, Dwosh E, Bruce L, Illes J.
Philos Ethics Humanit Med. 2013 Oct 16;8(1):15. [Epub ahead of print]
<http://www.peh-med.com/content/8/1/15/abstract>

The Neuroethics and Neurolaw of Brain Injury.

Aggarwal NK, Ford E. Behav Sci Law. 2013 Oct 4. doi: 10.1002/bsl.2086. [Epub ahead of print]
<http://dx.doi.org/10.1002/bsl.2086>

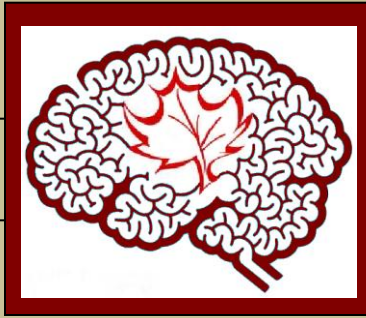
[The need for new guidelines to improve the reporting of trials in child and adolescent mental health.](#)

Gardner F, Mayo-Wilson E, Montgomery P, Hopewell S, Macdonald G, Moher D, Grant S. J Child Psychol Psychiatry. 2013 Jul;54(7):810-2.

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Literature-Littérature



Pediatric neuroenhancement: Ethical, legal, social, and neurodevelopmental implications / Author Response

Steven M. Rothman SM et al. *Neurology* October 22, 2013 81:1558-1559
<http://www.neurology.org/content/81/17/1558.2.extract.html>

Which values are important for patients during involuntary treatment? A qualitative study with psychiatric inpatients.

Valenti E, Giacco D, Katasakou C, Priebe S. *J Med Ethics*. 2013 Oct 15. doi: 10.1136/medethics-2011-100370. [Epub ahead of print]

Consent, including advanced consent, of older adults to research in care homes: a qualitative study of stakeholders' views in South Wales.

Wood F, Prout H, Bayer A, Duncan D, Nuttall J, Hood K, Butler CC; PAAD Study Team. *Trials*. 2013 Aug 9;14:247.

The need for new guidelines to improve the reporting of trials in child and adolescent mental health.

Gardner F, Mayo-Wilson E, Montgomery P, Hopewell S, Macdonald G, Moher D, Grant S. *J Child Psychol Psychiatry*. 2013 Jul;54(7):810-2.

Life or death for the dead-donor rule?

Bernat JL. *N Engl J Med*. 2013 Oct 3;369(14):1289-91.

The dead-donor rule and the future of organ donation.

Truong RD, Miller FG, Halpern SD. *N Engl J Med*. 2013 Oct 3;369(14):1287-9.

How psychiatry journals support the unbiased translation of clinical research. A cross-sectional study of editorial policies.

Knüppel H, Metz C, Meerpohl JJ, Strech D. *PLoS One*. 2013 Oct 16;8(10):e75995.

Ethical sensitivity in obsessive-compulsive disorder and generalized anxiety disorder: the role of reversal learning.

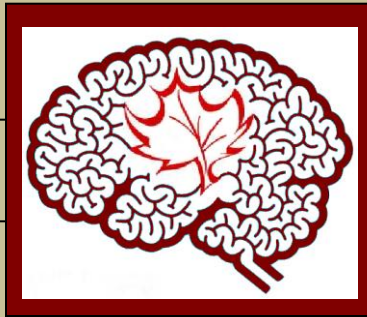
Szabó C, Németh A, Kéri S. *J Behav Ther Exp Psychiatry*. 2013 Dec;44(4):404-10.

Ethical and legal considerations for Canadian registries.

Hogan DB, Warner J, Patten S, Godlovitch G, Mehina E, Dagenais L, Fiebelkorn G, de Robles P, Mackean G, Casselman L, Jette N, Pringsheim T, Korngut L, Johnston M. *Can J Neurol Sci*. 2013 Jul;40(4 Suppl 2):S5-22.

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Literature-Littérature

Brain, mind and machine: What are the implications of deep brain stimulation for perceptions of personal identity, agency and free will?

Lipsman N, Glannon W. *Bioethics* 2013 27(9): 465-70.

<http://onlinelibrary.wiley.com/doi/10.1111/j.1467-8519.2012.01978.x/abstract>

[Health Technology Assessment report on the presurgical evaluation and surgical treatment of drug-resistant epilepsy.](#)

Marras CE, et al.; Commission on Epilepsy Surgery of the Italian League Against Epilepsy. *Epilepsia*. 2013 Oct;54 Suppl 7:49-58.

[Ethical issues in obtaining collateral information on alcohol and drug use: experience from Asia and Africa.](#)

Varma DS, Chandra PS, O'Leary CC, Reich W, Cottler LB. *Curr Opin Psychiatry*. 2013 Jul;26(4):330-4.

NEWS

[Gearing Up for New Currents in Sports Enhancement](#)

Chatterjee, A. *The Neuroethics Blog*. October 15, 2013.

[Rasouli life-support case: SCC rules consent needed before ending treatment](#)

Mulholland, A. *CTV News*. October 18, 2013.

[The psychology of spiritualism: science and seances](#)

Derbyshire, D. *The Guardian*. October 20, 2013.

[Case Explores Rights of Fetus versus Mother](#)

Eckholm, E. *The New York Times*. October 23, 2013.

[Study with National Ballet School aims to see if dance can help Parkinson's patients](#)

Ubelacker, S. *The Canadian Press*. October 23, 2013.

[Mental health disorders spike in post-high school transitions](#)

Davison, J. *CBC News*. October 25, 2013.

[Assisted suicide laws need updating, says former Supreme Court justice](#)

McCue, D. *CBC News*. October 25, 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

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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