

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

February 1, 2014
1^{er} février 2014

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FEATURED EVENT

COGNITIVE ENHANCEMENT: Moral, Legal and Scientific Challenges

Philosophy Section, Technische Universiteit Delft,
The Netherlands
August 13-15, 2014

<http://enhancingresponsibility.com>
conference@enhancingresponsibility.com

Confirmed speakers:

- Roshan Cools (Radboud University Nijmegen)
 - Tom Douglas (University of Oxford)
 - Masud Husain (University of Oxford)
- Neil Levy (Florey Institute of Neuroscience & Mental Health; University of Oxford)
 - Reinhard Merkel (University of Hamburg)
 - Jan Schildmann (Ruhr-Universität Bochum)
 - Illina Singh (King's College London)
 - Nita Farahany (Duke)

CALL FOR ABSTRACTS

We invite submission of abstracts of 500-750 words from researchers in relevant disciplines – e.g. neuroscience, psychology, law, philosophy, social science – and from policy makers, professionals (including legal professionals), representatives of professional bodies, and government. Abstracts for oral and poster presentations (please indicate which) should be emailed to conference@enhancingresponsibility.com by **March 3rd, 2014**. Applicants will be notified by the end of March whether their abstract has been accepted.

More information on page 3



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Profil/Profile

Karen Rommelfanger, PhD

Karen Rommelfanger is the Program Director of Emory University's Neuroethics Program at the Center for Ethics and is an Assistant Professor in the Department of Neurology at Emory University. Dr. Rommelfanger received her PhD in Neuroscience from Emory University, her research focused on movement disorders. Her current research explores the nature and utility of placebo using Psychogenic Movement Disorders as a therapeutic model. She is also the Neuroscience Editor-in-Residence for the *American Journal of Bioethics Neuroscience*.

Dr. Rommelfanger has been a neuroscience researcher for over 10 years and her work has been published in high-impact peer-reviewed journals such as the Proceedings of the National Academy of Sciences, and the Journal of Neuroscience; her research on Parkinson Disease has been featured in the popular media including Scientific American. She has presented her work at both international and national conferences and has worked in prestigious laboratories in the U.S. and Japan using a broad array of neurotechnologies from brain imaging and behavioral techniques to electrophysiological recording of individual brain cells.

She regularly gives Neuroethics talks in both universities and for general audiences; her neuroethics work has been published in a top peer-reviewed neuroethics journal, and she maintains and writes for The Neuroethics Blog at Emory University. She also founded NEW (NeuroEthicsWomen) Leaders, an organization that aims to cultivate professional development and networks for women in neuroethics.

Academic Works:

Rommelfanger KS. Placebo for Psychogenic Disorders. *Nature Reviews Neurology* (2013)

Rommelfanger KS. Attitudes on Mind Over Matter. Placebos for Psychogenic Disorders. *AJOB Neuroscience* (2013).

Popular Media:

Rommelfanger KS. Take two placebo pills and call me in the morning. Huffington Post July 3, 2012.

Rommelfanger KS. Does This Lab Coat Make Me Look Fat? The Chronicle for Higher Education October 23, 2012.

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Philosophy Section, Technische Universiteit Delft, The Netherlands

August 13-15, 2014; <http://enhancingresponsibility.com>

conference@enhancingresponsibility.com

CALL FOR PAPERS

(extended deadline for abstracts: **March 3rd, 2014**)

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 scientific, legal, political, moral, and often personal questions including:

Science (e.g. psychology, neuroscience, pharmacology, medicine):

- Do any of these cognitive enhancers actually work?
- If so, precisely what kind and degree of effects do they have?
- How do they achieve those effects — i.e. through what mechanisms?
- What might be their short- and long-term (side-)effects?
- Why do people use cognitive enhancers?
- What is the social perception of cognitive enhancement and of enhanced people?

Law:

- How should society regulate cognitive enhancers? Should they be banned? Or maybe promoted?
- Might we be negligent if we fail to use cognitive enhancers in some circumstances?
- Should cognitively enhanced people be held to a higher standard of care?

Philosophy:

- Is it fair if some people enhance themselves while others do not (have access to enhancers)?
- Ought anyone be permitted to enhance themselves if this pressures others to do likewise?
- Are we less praiseworthy for accomplishments attained while cognitively enhanced?
- Does cognitive enhancement threaten authenticity or the self?
- How do problems surrounding cognitive enhancement compare to problems of doping in sports?

And, ultimately, would you – e.g. a student, teacher, researcher, motor vehicle driver, surgeon, pilot, member of the military, etc – ever (want to) use cognitive enhancers?

Presentations from leading international scholars from across a range of disciplines will interrogate these and other related questions.

Registration for the full length of the conference will be €225, with a discounted rate of €130 for students (including PhD students). Single day registration will also be available at €130 per day (€80 for students). Special requests for the discounted rate from low income earners may be considered. Late-comers (i.e. those who register after July 15, 2014) will pay 30% more for registration.

The Neurobiology of Emotions and Feelings

With António Damásio and Sabine Döring

The Forum Scientiarum of the University of Tübingen, Germany is organizing an one-week International Interdisciplinary Summer School on “The Neurobiology of Emotions and Feelings” with António Damasió, **June 2nd – June 6th, 2014**

For further information (webpage and Call for Application please see <http://www.unseld-lectures.de/cfa>)

During the summer school, twenty graduate students and junior scientists from all over the world will have the opportunity to discourse concepts of feelings and emotions with this year’s Unseld lecturer António Damásio and our second lecturer Sabine Döring. The participants will also attend the Unseld Lecture held by António Damásio and an interdisciplinary colloquium, both open to the public.

Application procedure

To apply for the international summer school, applicants have to send in a completed application form downloadable from our website (www.unseld-lectures.de/cfa), including a **CV** according to usual standards. Additionally, each applicant is required to submit an **essay** of up to **5000 characters**. This essay should delineate your specific motivations and qualifications for the summer school’s topic. Deadline for the receipt of complete applications (application form, CV, essay) is **February 20th, 2014**. A letter of admission will reach successful applicants by **March 15th**.

There is no program fee. The Forum Scientiarum seeks to facilitate the participation of competent students from all over the world, and as the Forum Scientiarum is provided a limited fund by the Udo Keller Foundation Forum Humanum for covering part of travel expenses, limited financial resources should not affect your decision to apply. Moreover, the Forum Scientiarum will assist participants in finding inexpensive accommodation. For more information please see our website.

Applications should be sent to [unseld\(at\)fsci.uni-tuebingen.de](mailto:unseld(at)fsci.uni-tuebingen.de) or to our postal address:

FORUM SCIENTIARUM
Doblerstr. 33
D-72074 Tuebingen
Germany

We ask applicants to subscribe to a mailing list for further updates on this event. For subscription, simply send an e-mail to [unseld\(at\)fsci.uni-tuebingen.de](mailto:unseld(at)fsci.uni-tuebingen.de) including the name of your university.

Nudges

Special issue of the *Review of Philosophy and Psychology*

Guest editors: Adrien Barton and Till Grüne-Yanoff

Deadline for submission of extended abstract: **May 15, 2014**

Originally introduced by Cass Sunstein and Richard Thaler, nudges have been defined as any aspect of the choice architecture that alters people's behavior in a predictable way, without merely informing, forbidding a course of action, or significantly changing the economic incentives. Nudges include for example default choices (e.g. people being considered as organ donors by default), physical arrangements of the environment (for instance displaying healthy food in a cafeteria line) or changing temporal perspectives (like the "Save More Tomorrow" program for retirement savings). Nudges have been taking an increasing importance in public policy with initiatives such as the "Behavioral Insight Team" dedicated to the public use of nudges in the UK.

The goal of this special issue of the *Review of Philosophy and Psychology* is to bring together works from various disciplines to raise new lights on the study of nudges. In particular, we encourage submissions clarifying the status of nudges and their interactions with psychological processes. This requires a detailed analysis of the connections between nudges and fundamental notions including: heuristic; bias and rationality; decision, choice and action; causality; control, freedom of choice and consent; influence and manipulation. We also welcome papers investigating the ethics of nudges, the implication of nudges for political philosophy, or the contextual analysis of specific nudges. We encourage submissions from experts of various fields, including – but not restricted to – philosophy, cognitive science, economics, medicine, and law.

Guest author

Gerd Gigerenzer, director of the Max Planck Institute for Human Development in Berlin.

Instructions for authors

Contributions should describe original and previously unpublished work. The submission process will include two phases: submission of an extended abstract, which will be blind-reviewed by the guest editors; and (if selected) submission of a full paper, which will be blind-reviewed by two anonymous referees.

For the first phase of abstract submission, authors should send two pdf files to

christophe.heintz+nudge@gmail.com:

- a document stating the title of the proposed article as well as the name(s) and affiliation(s) of the author(s)
- an anonymized extended abstract of maximum 1000 words.
- Deadline for the submission of the extended abstract: **May 15, 2014**
- Deadline for the submission of the full paper: **October 15, 2014**
- Target publication date: **June 30, 2015**

The *Review of Philosophy and Psychology* is a peer-reviewed journal, published quarterly by Springer, which focuses on philosophical and foundational issues in cognitive science. The journal's aim is to provide a forum for discussion on topics of mutual interest to philosophers and psychologists and to foster interdisciplinary research at the crossroads of philosophy and the sciences of the mind, including the neural, behavioural and social sciences. The journal publishes theoretical works grounded in empirical research as well as empirical articles on issues of philosophical relevance. It includes thematic issues featuring invited contributions from leading authors together with articles answering a call for papers.

For any queries, please email the guest editors: adrien.barton@gmail.com and gryne@kth.se

Fellowships at the Center for Mind, Brain and Cognitive Evolution, Ruhr-Universität Bochum. Germany

Deadline for applications: February 15, 2014

Details at: <http://www.ruhr-uni-bochum.de/philosophy/mibra/index.html>

- 1) Senior fellowship in philosophy and psychiatry (for one month)
- 2) Senior fellowship in animal mind research (for one month)
- 3) Junior-fellowship in philosophy and developmental aspects of concepts, perception or social cognition (for two to three months)
- 4) Senior or Junior-fellowship in Neurosciences with focus on memory function (for three to six months)
- 5) Senior or junior fellowship in neurophilosophy (one to six months)
- 6) Junior fellowship in Philosophy of Cognition (one month)
- 7) Junior Fellowship for an outstanding female reseacher (for one or two months)
- 8) Senior fellowship in Computational Models of Memory (four to six month)

All fellows are invited to deliver a fellow lecture and will participate in an interdisciplinary research program and are asked to offer some presentations for master students of the new program "Cognitive Science".

Applications should include:

1. A (brief) letter of application including personal information academic background, and research interests (please indicate the number and the title of the fellowship you apply for).
2. A brief proposal for a research project (1-2 pages) if the fellowship is planned for at least two months).
3. CV including a list of publications, talks, conferences attended and teaching experience.
4. One representative article as PDF document.
5. Only for applicants for a junior fellowship: one letter of recommendation addressing the applicants' qualification for a research project. This should be send from the referees directly or through a letter service.

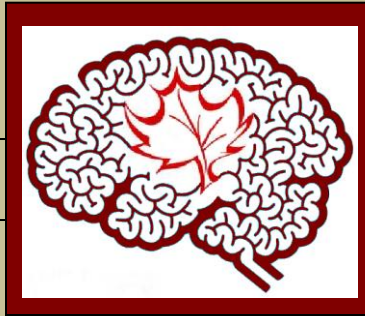
All documents of the candidate should be sent electronically. We regret that we will not be able to return any submitted material.

Prof. Dr. Albert Newen
Institut für Philosophie II
Ruhr-Universität Bochum
Universitätsstr. 150
44801 Bochum
Tel.: (0049) 234-32 22139
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<http://www.ruhr-uni-bochum.de/philosophy/staff/newen/>

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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, University of Padua

Keynote Speakers (confirmed)

Michael Gazzaniga, Diego Marconi, Laura Boella, Michele Di Francesco,
Pierre Jacob, Tania Singer, and 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.

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.

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 words 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 (if any); - 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**.

Abstracts will be subject to blind review. The Scientific Committee will be selected from members of the **Italian Society for Neuroethics (<http://societadineuroetica.it>)**. All authors of selected posters, if attending, will have to subscribe to the Conference. The fee for the author presenting the poster will be 35 Euros.

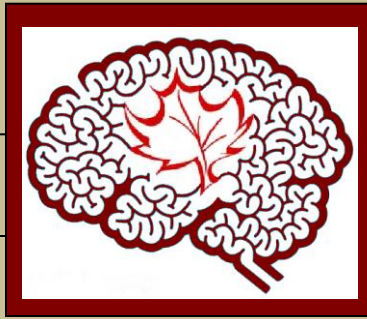
The Organizing Committee of the Conference announces two prizes for the best posters by young scholars (under 35).

A total of 1.000 Euros will be assigned based on the quality of the presented posters. In order to participate in the Competition, posters must be presented at the Conference. Accepted posters that will not be presented at the Conference will be excluded from the Competition. The jury reserves its right not to assign prizes.

Organizing Committee: Andrea Lavazza, Giuseppe Sartori, Alberto Oliverio, and Roberto Mordacci,

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Literature-Littérature

ARTICLES

"Non-invasive" brain stimulation is not non-invasive.

Davis NJ, van Koningsbruggen MG. *Front Syst Neurosci*. 2013 Dec 23;7:76.

<http://dx.doi.org/10.3389/fnsys.2013.00076>

A principled and cosmopolitan neuroethics: considerations for international relevance.

Shook JR, Giordano J. *Philos Ethics Humanit Med*. 2014 Jan 3;9(1):1.

Care ethics for guiding the process of multiple sclerosis diagnosis

Krahn TM. *Journal of Medical Ethics* (epub ahead of print) :

<http://jme.bmj.com/content/early/2013/11/12/medethics-2011-100063.abstract>

L'autre maison : What living environments are we preparing for our elderly?

Laliberté M. *JEMH* 2013 : 1-3 :

http://www.jemh.ca/issues/v8/documents/JEMH_Vol8_Film_Review_L-autreMaison-WhatLivingEnvironmentsarewepreparingforourelderly.pdf

The value and pitfalls of speculation about science and technology in bioethics: The case of cognitive enhancement.

Racine E, Martin Rubio T, Chandler J, Forlini C, Lucke J. *Med Health Care Philos*. 2014 Jan 9. [Epub ahead of print]

<http://link.springer.com/article/10.1007%2Fs11019-013-9539-4>

A second look at the legal and ethical consequences of pharmacological memory dampening: The case of sexual assault

Chandler, JA, Mogyoros A, Rubio TM, Racine E. *Journal of Law, Medicine, and Ethics* 2013; 41(4) : 859-71: <http://onlinelibrary.wiley.com/doi/10.1111/jlme.12096/abstract>

Another time point, a different story: one year effects of a social media intervention on the attitudes of young people towards mental health issues.

Livingston JD, Cianfrone M, Korf-Uzan K, Coniglio C. *Soc Psychiatry Psychiatr Epidemiol*. 2014 Jan 9.

The globalization of US and Canadian neurology residency training: Is it just about the money?

Józefowicz RF, Birbeck GL. *Neurology* January 14, 2014 82:100-1; published ahead of print December 6, 2013 : <http://www.neurology.org/content/82/2/100.extract>

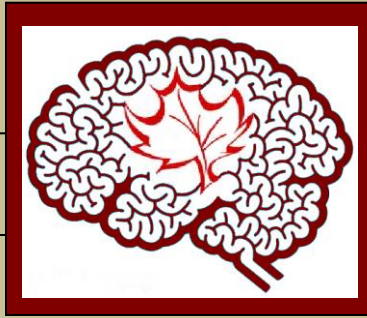
Globalization of neurology: Development of the WFN Journal of the Neurological Sciences

Lisak RP *Neurology* January 14, 2014 82:172-3.

<http://www.neurology.org/content/82/2/172.extract>

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Literature-Littérature

Wellbeing, schizophrenia and experience machines.

Birks DR. Bioethics. 2013 Feb;27(2):81-8.

Enhance, Delete, Incept: Manipulating hippocampus-dependent memories.

Spiers HJ, Bendor D. Brain Res Bull. 2014 Jan 4. pii: S0361-9230(13)00207-4.

Prenatal whole-genome sequencing — Is the quest to know a fetus's future ethical?

I.R. Yurkiewicz, B.R. Korf, and L.S. Lehmann | N Engl J Med 2014;370:195-197

<http://www.nejm.org/doi/full/10.1056/NEJMp1215536>

Functional MRI-based lie detection: scientific and societal challenges

Farah MJ et al. Nature Reviews Neuroscience 2014; 15(2): 123-31.

<http://www.nature.com/nrn/journal/v15/n2/abs/nrn3665.html>

Simulation-based interpersonal communication skills training for neurosurgical residents.

Harnof S, Hadani M, Ziv A, Berkenstadt H. Isr Med Assoc J. 2013 Sep;15(9):489-92.

Priority setting in neurosurgery as exemplified by an everyday challenge.

Ibrahim GM, Tymianski M, Bernstein M. Can J Neurol Sci. 2013 May;40(3):378-83.

Neurophilosophical considerations on decision making: Pushing-up the frontiers without disregarding their foundations.

Mograbi GJ. Front Neurosci. 2013 Dec 30;7:261. doi: 10.3389/fnins.2013.00261.

<http://dx.doi.org/10.3389/fnins.2013.00261>

Treatment preferences among men attending outpatient psychiatric services.

Sierra Hernandez CA, Oliffe JL, Joyce AS, Söchting I, Ogradniczuk JS. J Ment Health. 2014 Jan 16. [Epub ahead of print]

Communication, confidentiality and consent in mental health care.

Ryan CJ, Callaghan S, Large MM. Med J Aust. 2014 Jan 20;200(1):9.

Managing clinically significant findings in research: the UK10K example.

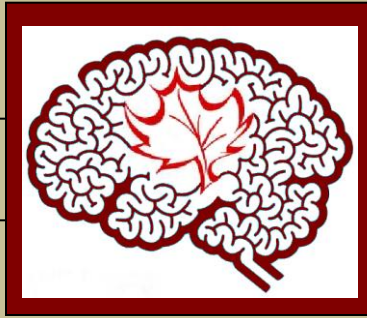
Kaye J et al. Eur J Hum Genet. 2014 Jan 15.

Anxious and non-anxious adolescents' experiences of non-clinical magnetic resonance imaging research.

Haddad AD, Platt B, James AC, Lau JY. Child Psychiatry Hum Dev. 2013 Aug;44(4):556-60.

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Literature-Littérature

Legal and Ethical Responsibilities Following Brain Death: The McMath and Muñoz Cases

Gostin LO. JAMA. Published online January 24, 2014.

http://jama.jamanetwork.com/article.aspx?articleID=1818922&utm_source=Silverchair%20Information%20Systems&utm_medium=email&utm_campaign=JAMA%3AOnlineFirst01%2F24%2F2014

Surgeon is struck off for repeatedly lying to patient over brain tumour removal.

Dyer C. BMJ. 2013 Nov 26;347:f7097. doi: 10.1136/bmj.f7097. No

Deliver us from evil? The temptation, realities, and neuroethico-legal issues of employing assessment neurotechnologies in public safety initiatives.

Giordano J, Kulkarni A, Farwell J. Theor Med Bioeth. 2014 Jan 20. [Epub ahead of print]

<http://dx.doi.org/10.1007/s11017-014-9278-4>

Psychiatric ethics in war and peace.

Raju MS. Ind Psychiatry J. 2013 Jan;22(1):71-6

The harm of intraoperative awareness.

Levy N. J Med Ethics. 2014 Jan 22[Epub ahead of print]

Is psychiatry being used for political repression in Russia.

Clark F. Lancet. 2014 Jan 11;383(9912):114-5.

Innovation, Risk, and Patient Empowerment: The FDA-Mandated Withdrawal of 23andMe's Personal Genome Service.

Nicholas S. Downing, AB, Joseph S. Ross, MD, MHS. JAMA. Published online January 27, 2014.

Disorders of consciousness after acquired brain injury: the state of the science.

Giacino JT, Fins JJ, Laureys S, Schiff ND. Nat Rev Neurol. 2014 Jan 28. [Epub ahead of print]

European public deliberation on brain machine interface technology: five convergence seminars.

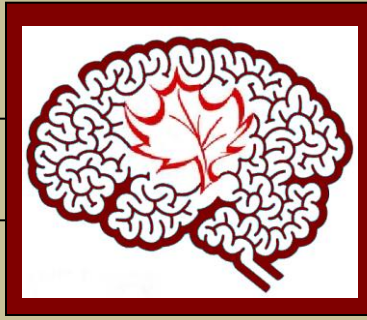
Jebari K, Hansson SO. Sci Eng Ethics. 2013 Sep;19(3):1071-86.

Incidental finding of tumor while investigating subarachnoid hemorrhage: ethical considerations and practical strategies.

Drazin D, Spittle K, Cekic M, Patel A, Hanna G, Shirzadi A, Chu R. Sci Eng Ethics. 2013 Sep;19(3):1107-20.

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Literature-Littérature

[Brain death in Islamic ethico-legal deliberation: challenges for applied Islamic bioethics.](#)

Padela AI, Arozullah A, Moosa E. Bioethics. 2013 Mar;27(3):132-9.

[Ethical dimensions of disparities in depression research and treatment in the pharmacogenomic era.](#)

Parker LS, Satkoske VB. J Law Med Ethics. 2012 Winter;40(4):886-903.

[Brief report: Stony Brook Guidelines on the ethics of the care of people with autism and their families.](#)

Post SG, et al. J Autism Dev Disord. 2013 Jun;43(6):1473-6.

NEWS

[Death and sensitivity: keeping the brain-dead girl 'alive'](#)

Eijkholt, M. Bioethics Today. January 13, 2014.

[Static and dynamic metaphysics of free will: A pragmatic perspective](#)

Racine, E and Saigle, V. The Neuroethics Blog. January 14, 2014.

[FDA approves genetic test that screens infants for predictors of mental disabilities](#)

Perrone, M. The Associated Press. January 17, 2014.

[Brain-dead pregnant woman to be laid to rest after being disconnected from life support](#)

Gittens, H. NBC News. January 26, 2014.

[What can Dick Swaab tell us about sex and the brain?](#)

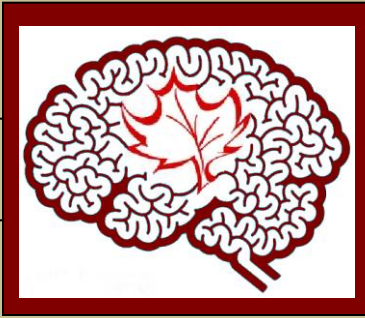
Williams, Z. The Guardian. January 28, 2014.

[A Tragic Death and A Fight for Life](#)

Johnson, LSM. Impact Ethics. January 29, 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

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