

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

March 1, 2014
1^{er} mars 2014

Special contribution
Contribution spéciale **2**

Announcements
Annonces **3**

Events
Événements **7**

Neuroethics literature
Littérature
neuroéthique **8**

Resources
Ressources **11**

Editorial team
Équipe éditoriale

John Aspler, Co-editor

Emily Bell, PhD, Co-editor

Veljko Dubljevic, PhD Co-editor

Eric Racine, PhD, Editor

Sponsors:



Commanditaires:



BRAIN MATTERS! VANCOUVER

Brain Science and Social Responsibility

invites you to

BIG DATA MEETS BRAIN SCIENCE: THE NEW FRONTIER

JOIN US FOR A DISCUSSION ON HOW INFORMATION ABOUT OUR
BRAINS IS BEING STORED AND USED TODAY!

KEYNOTE LECTURE BY

Dr. BARTHA KNOPPERS

Professor, McGill University

WEDNESDAY

MARCH 12, 2014

6:30-8:30PM,

PANEL DISCUSSION FEATURING

Dr. WYLIE BURKE

Professor, University of Washington

WOSK CENTRE FOR DIALOGUE

580 WEST HASTINGS STREET

VANCOUVER

Dr. DANIEL GOLDOWITZ

Professor, University of British Columbia

**ADMISSION IS FREE,
REGISTRATION REQUIRED.**

Dr. CHRISTOPHER SCOTT

Senior Research Scholar, Stanford University

SEE WEBSITE FOR DETAILS.

Moderator, Kathryn Gretsinger

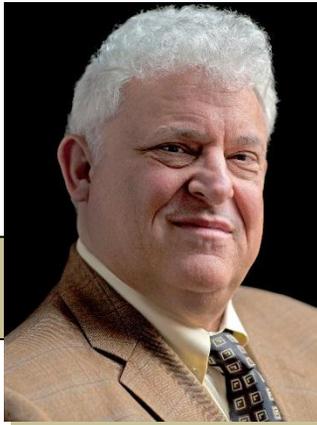
Former CBC Radio Host

Instructor, UBC Graduate School of Journalism

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

The meeting will be held from **March 12 to 14,
2014** in beautiful Vancouver, British Columbia.

<http://brainmattersvancouver.ca/>



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

Special contribution spéciale

Art Caplan, PhD

Dr. Caplan is the Drs. William F and Virginia Connolly Mitty Professor and founding head of the Division of Bioethics at New York University Langone Medical Center. He is the author or editor of thirty-two books and over 600 papers in peer reviewed journals. His most recent books are Contemporary Debates in Bioethics (Wiley 2013) with Robert Arp and, Applied Ethics in Mental Health Care: An Interdisciplinary Reader (MIT Press, 2013) with Dominic Sisti and Hila Rimon-Greenspan

As one of the founders of the field of neuroethics (<http://www.the-scientist.com/?articles.view/articleNo/14311/title/The-Brain-Revolution-and-Ethics/>; http://repository.upenn.edu/cgi/viewcontent.cgi?article=1018&context=bioethics_papers) I am not at all surprised that the field has rapidly grown and flourished in Canada and around the world. Continued advances in knowledge of the brain guarantee a robust future for ethical analysis and debate about how that knowledge ought to be applied in medicine, the law, the military and many other domains. However, having been present at the birth of neuroethics, it is instructive to remember that analyzing efforts to understand the brain and control human behavior has long had a key role in bioethics.

My own interest in these matters dates back to the time when bioethics began to emerge in the 1970s. As a student intern, post-doc and then staff member at the Hastings Center I was fascinated by a project created by Willard Gaylin, later to be joined by Ruth Macklin, to examine the ethics of behavior control. At the time, psychology was still in the thrall of the views of BF Skinner and his writings on operant conditioning. Many were concerned that anyone could be conditioned to behave in any way including as a terrorist, slave or spy. The shadow of psychosurgery loomed over the field of psychiatry as did the use of electroconvulsive therapy. Mind and genes were nowhere to be found in this Paleolithic era of thinking about the ethics of behavior. Today the pendulum has swung drastically in the other direction. Now it is a combination of brain chemistry, neurons and circuits combined with genetic analyses that dominate the neuroethical landscape. Environment, culture and learning have all but disappeared from sophisticated ethical discourse. And, as was true when Skinner and his followers ruled the behavioral roost, the mind, is rarely mentioned.

Neuroethics must be careful. The current, justified, fascination with brain scanning, structural analysis, biochemical studies and neural circuitry should not limit neuroethics to serve only as the handmaiden of the brain sciences. There are still enormous issues pertaining to understanding brain death, coma, consciousness, mental illness, environmental and dietary impacts on mental illness and what constitutes the full range of human mental function that merit attention as well. Neuroethics must not be afraid to think big as well as small. A mind is a terrible thing to waste.

CALL FOR PAPERS

Special Issue: Concussion and mTBI: Ethical Issues

Guest Editors: Brad Partridge, Syd Johnson, Frédéric Gilbert

CLOSING DATE FOR SUBMISSIONS: March 7, 2014

This special issue of *Neuroethics* will focus on concussion and mild Traumatic Brain Injury (mTBI). Concussion/mTBI affects millions of individuals each year and the long term neurological effects of concussion are currently being debated. Concussion is a common injury among professional, amateur and youth athletes in many sports, and has also been called the “signature injury” of military personnel in the Iraq and Afghanistan conflicts. This significant public health problem has received considerable attention in the popular press, and is an area of active research in the neurosciences, but is an underdeveloped area of neuroethical inquiry.

Possible questions and topics for discussion include, but are not limited to:

What can/should neuroethics contribute to discussions about the diagnosis, treatment and management of concussion/mTBI in athletes or military personnel?

Ethical issues bearing upon physicians or other stakeholders in:
implementing or facilitating return-to-play, or return to active duty
preventing athletes from participating in high risk sports

condoning risky sports with their presence (e.g. the ringside doctor at a boxing match)

Conflicts of interest for sporting leagues, concussion experts, and other stakeholders

The team doctor or military physician as “company doctor”

Research ethics and concussion/mTBI

Ethical issues in the use of new technologies for diagnosing, treating or managing concussion/mTBI

Consent and the disclosure of risk

Preserving/protecting autonomy in the at-risk individual

Risky sport participation and the rights of children and adolescents

The ethical obligations of professional sporting leagues with high rates of concussion

Contributions from stakeholders and multidisciplinary scholars are encouraged.

Full papers are due by March 7, 2014. Manuscripts should be submitted to *Neuroethics* online at: <http://www.editorialmanager.com/nero> using code “SI: concussion.” Manuscripts should be of a high quality and will be subject to the normal peer review process of *Neuroethics*. For submission requirements, format and referencing style, refer to the Author Guidelines at:

<http://www.springer.com/social+sciences/applied+ethics/journal/12152?detailsPage=societies>

CALL FOR APPLICATIONS

“Shared Experiences : Boundaries of the social brain, boundaries of the social mind”

An Interdisciplinary Summer School

June 22 - 28 , 2014, Hotel Apollo, Aegina, Greece

http://www.pc.rhul.ac.uk/sites/lab/?page_id=610

We invite applications from PhD students, post-doc and young researchers to attend the Summer School on “Shared Experiences: the boundaries of the social brain”, organized by Ophelia Deroy (Centre for the Study of the Senses & Institute of Philosophy, UoL, UK), Barry Smith (Institute of Philosophy, UK) & Manos Tsakiris (RHUL).

Further information: http://www.pc.rhul.ac.uk/sites/lab/?page_id=610;

For queries please contact : aiginasummerschool@gmail.com

The Summer School will take place in the Island of Aegina, Greece (approximately 1 hour by boat from Piraeus, the port of Athens), at the wonderful location of the historic Hotel Apollo (<http://www.apollohotelaegina.gr/en>), from June 22nd to 28th , 2014.

Confirmed speakers (in alphabetical order) include:

Malinda Carpenter (University St Andrews, Scotland)

Ophelia Deroy (Centre for the Study of the Senses & IP, University of London, UK)

Luciano Fadiga (Istituto Italiano di Tecnologia, Italy)

Katerina Fotopoulou (UCL, UK)

Shaun Gallagher (University of Memphis, USA)

Vittorio Gallese (University of Parma, Italy)

Valeria Gazzola (Netherlands Institute for Neuroscience, Netherlands)

Christian Keysers (Netherlands Institute for Neuroscience, Netherlands)

Guenther Knoblich (Central European University, Hungary)

Patrick Haggard (UCL, UK)

Mohan Matthen (University of Toronto)

Daniel Richardson (UCL, UK)

Ryan McKay (Royal Holloway, UK)

Natalie Sebanz (Central European University, Hungary)

Andrea Serino (EPFL, Switzerland)

Barry Smith (Institute of Philosophy, University of London, UK)

Manos Tsakiris (Royal Holloway, UK)

Philippe Rochat (Emory University, USA)

Alessandra Umiltà (University of Parma, Italy)

Dan Zahavi (University of Copenhagen, Denmark)

Call for Papers

II INTERNATIONAL WORKSHOP IN PRACTICAL ETHICS

BIOETHICS AND HUMAN ENHANCEMENT

The Enhancement Project (FFI2012-32565) organizes an international workshop on contemporary debates in bioethics and, specifically, enhancement of human capabilities. The meeting will take place in Granada the 16th and 17th of June, 2014.

The first edition of this workshop was held in Granada on February 2010. Several researchers from different universities debated then with Prof. Julian Savulescu (Uehiro Centre for Practical Ethics, University of Oxford) on the ethical and political aspects of enhancement technologies in human beings. The invited speakers to this II International Workshop are **Julian Savulescu**, **Guy Kahane** (Uehiro Centre for Practical Ethics, University of Oxford) and **Andy Miah** (Creative Futures Research Centre, University of the West of Scotland).

Those interested in presenting a paper should send an abstract of 500 words maximum, in either English or Spanish, before **April 7**, 2014. Organizers will notify applicants whether their abstracts have been accepted before **April 28**. A selection of contributed papers will be included in a volume on human enhancement to be published in 2015.

For inquiries and abstracts submission, please email to
granadaenhance@gmail.com

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

CALL FOR ABSTRACTS

2nd EPHES International Interdisciplinary Conference - EPHES-2014

Enhancement & Morality in the Digital Era: Global Political, Economic & Social Issues; July 20-22, 2014

Places: online community & "Stefan cel Mare" University, Suceava, Romania
Organizers: Beyond Humanism Network; ROSPHET/SRFIT (Romanian Society for Philosophy Engineering & Technoethics, Romania) & EPHES (Ethics Philosophy & Engineering in Society) Research Center of the "Stefan cel Mare" University (Suceava, Romania)

Chairs: Stefan Lorenz Sorgner (Institute for Ethics and Emerging Technologies, Connecticut, USA) & Viorel Guliciuc & Oana Lenta ("Stefan cel Mare" University, Suceava, Romania)

Maximum number of participants: 75

Working Language: English

Website: www.pheade.ro/ephes2014/ - working starting with 2014.03.31

Types of participation: online OR online PechaKucha - via Skype OR physical Accommodations & Lunch & Social program

Deadlines: 2014.04.30 abstracts (400 words, 5 keywords); 2014.08.31 final papers

Communication: using www.easychair.org

Reviewing policy: double blind, both for the abstracts and for the final papers

Fees: 200 euro (online) OR 300 euro (physical attendance)

Publication: ISI indexed Journal (2015) OR - International Publishing House (2014)

E-mail: viorel_guliciuc@yahoo.com

<http://www.pheade.ro/ephes2014/>

PhD Studentship STARTING OCTOBER 2014

Ethics and Responsible Research and Innovation in Neuro-ICT

Centre for Computing and Social Responsibility, Faculty of Technology, De Montfort University, Leicester

The project will explore ethical questions and concerns in the area of neuro-ICT and investigate principles and practices of responsible innovation in the area. We use the term “neuro-ICT” to cover a range of information technologies that may stimulate, measure, replace or emulate brain functions. Part of the PhD project will be to explore what these different neuro-ICTs have in common and how these commonalities affect ethical issues and problems of responsibility.

The successful applicant will be able to work with internationally leading scholars from a range of disciplines in the underlying projects and will have the opportunity to feed results back into research and development policy and practice. The PhD project will be supervised by Professor Bernd Stahl and Professor Mark Coeckelbergh.

For a more detailed description of the studentship project please visit our web site (www.dmu.ac.uk/ccsr) or contact Professor Bernd Stahl on +44 (0)116 2078252 or email bstahl@dmu.ac.uk

Please quote ref: Scholarships 2014 TECH FB2

CLOSING DATE: Friday March 21st 2014

More details: <http://www.dmu.ac.uk/research/graduate-school/phd-scholarships.aspx>

CFP: Early Career Scholars Conference in Philosophy of Psychiatry:

Overcoming Mind-Brain Dualism in 21st Century Medicine

21-22, November 2014; Center for Philosophy of Science; University of Pittsburgh

Visit www.pitt.edu/~pittcntr for details.

We invite the submission of extended abstracts by early career scholars for individual paper presentations (limit 30 minutes). Submissions should include a 1,000 word abstract, a 1-2 page CV, and should be in .doc/.docx or .pdf format via email.

Deadline: May 5, 2014 Notification of acceptance: July 7, 2014

The goal of this conference is to address the crisis in psychiatric research and treatment by exploring the ways in which the mind-brain dualism can be overcome in contemporary psychiatry. Eight papers by early career scholars will be commented on by senior philosophers who have expertise in philosophy of science, philosophy of neuroscience, or philosophy of medicine.

If you are a senior scholar and would like to participate in the conference as a speaker or commentator, please contact Serife Tekin, at serife.tekin@daemen.edu.

Organizing Committee: William Bechtel, Trey Boone, Mazviita Chirimuuta, Peter Machamer, Edouard Machery, Kenneth Schaffner, Kathryn Tabb, and Serife Tekin.

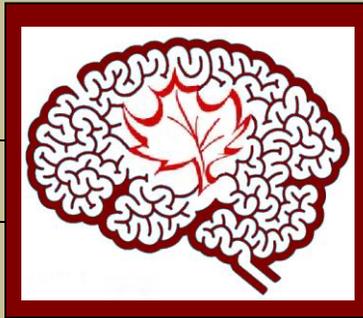
Keynote speakers:

Jennifer Radden, PhD (Professor Emerita of Philosophy, University of Massachusetts, Boston).
John Sadler, MD (Professor of Psychiatry and Clinical Services, University of Texas Southwestern).

Commentators: Mazviita Chirimuuta (Pittsburgh); Peter Machamer (Pittsburgh); Edouard Machery (Pittsburgh); Kenneth F. Schaffner (Pittsburgh); Jacqueline Sullivan (Western University) and Jonathan Tsou (Iowa State University)

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

NEURO-INTERVENTIONS AND THE LAW:

Regulating Human Mental Capacity

12-14 September 2014, Atlanta, GA, USA. (abstracts due March 30, 2014)

<http://atneuroethics.org/conference> conference@atneuroethics.org

Should the criminal justice system use neuro-interventions (e.g. anti-psychotic drugs and medical procedures that putatively restore mental function) to make people fit or competent for trial, for punishment, or for release back into society?

Should people be allowed to use controlled substances like modafinil and methylphenidate, or uncontrolled substances like phenylpiracetam, and techniques like transcranial direct current stimulation of the brain – putative cognitive enhancement techniques – to improve their own mental abilities beyond normal levels, to get better grades at college, or to get a competitive advantage in the workforce?

Modern neuro-interventions hold out the promise of non-invasively but directly, effectively, efficiently, and maybe even permanently altering people's mental capacities, and this conference will interrogate a range of pertinent questions that this might raise for the law. For instance, how should society regulate the use of such diverse neuro-interventions?

HEADLINED PANELISTS AND SPEAKERS:

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

CALL FOR ABSTRACTS

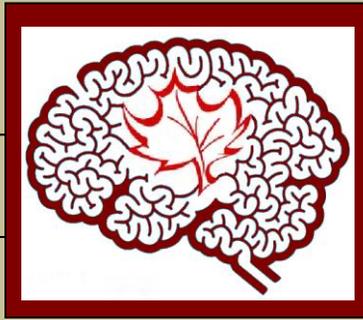
We invite submission of abstracts of 500-750 words from researchers in relevant disciplines – e.g. neuroscience, psychology, medicine, law, philosophy, social science – and from policy makers, professionals (including legal and medical professionals), representatives of professional bodies, and government. **Abstracts for oral and poster presentations (please indicate which) should be emailed to conference@atneuroethics.org by March 30, 2014. Applicants will be notified by April 30, 2014 whether their abstract has been accepted.**

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 will appear at <http://atneuroethics.org/conference> in late March 2014.

A selection of presenters will be invited to contribute a chapter towards a peer-reviewed inter-disciplinary book that will be published in mid-2015 with a prestigious academic press. To ensure timeliness of publication, we request that authors interested in this project (a) let us know, and (b) plan to have a written draft of their paper ready by November 1, 2014.

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



Literature-Littérature

ARTICLES

When “I” becomes “We”: ethical implications of emerging brain-to-brain interfacing technologies

Trimper JB, Wolpe PR, Rommelfanger KS. *Front. Neuroeng.* February 2014

<http://www.frontiersin.org/Journal/10.3389/fneng.2014.00004/full>

Long-term Clinical Outcomes After Fetal Cell Transplantation in Parkinson Disease: Implications for the Future of Cell Therapy

Bega D, Krainc D. *JAMA.* 2014;311(6):617.

<http://jama.jamanetwork.com/article.aspx?articleid=1829667>

Animal Minds and Neuroimaging.

Buller T. *Camb Q Healthc Ethics.* 2014 Feb 4:1-9. [Epub ahead of print]

<http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=9162589>

Neuropsychiatric symptoms of dementia: consent, quality of life, and dignity.

Passmore MJ. *Biomed Res Int.* 2013;2013:230134. doi: 10.1155/2013/230134. Epub 2013 Jun 20.

Could intranasal oxytocin be used to enhance relationships? Research imperatives, clinical policy, and ethical considerations.

Wudarczyk OA, Earp BD, Guastella A, Savulescu J. *Curr Opin Psychiatry.* 2013 Sep;26(5):474-84.

Sudden discovery of a previous nonclinical relationship with a potential patient: implications for subsequent psychiatric treatment.

Freedman JL, Gutheil TG. *Harv Rev Psychiatry.* 2013 Mar-Apr;21(2):102-5.

Opportunities, threats and limitations of neuroscience data in forensic psychiatric evaluation.

Casartelli L, Chiamulera C. *Curr Opin Psychiatry.* 2013 Sep;26(5):468-73.

The definition of mental disorder: evolving but dysfunctional?

Bingham R, Banner N. *J Med Ethics.* 2014 Feb 7. [Epub ahead of print]

Mental Capacity in Patients Involuntarily or Voluntarily Receiving Psychiatric Treatment for an Acute Mental Disorder.

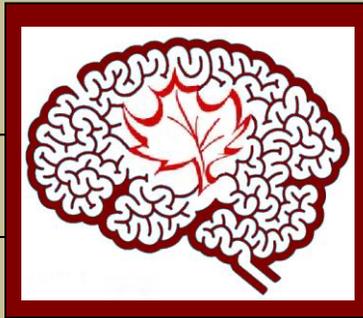
Mandarelli G, Tarsitani L, Parmigiani G, Polselli GM, Frati P, Biondi M, Ferracuti S. *J Forensic Sci.* 2014 Feb 6. [Epub ahead of print]

Strengthening practical wisdom : Mental health workers' learning and development.

Eriksen KA, Dahl H, Karlsson B, Arman M. *Nurs Ethics.* 2014 Feb 4. [Epub ahead of print]

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



Literature-Littérature

[Empirical examination of the potential adverse psychological effects associated with pediatric fMRI scanning.](#)

Shechner T, Wakschlag N, Britton JC, Jarcho J, Ernst M, Pine DS. *J Child Adolesc Psychopharmacol*. 2013 Jun;23(5):357-62.

['Neutralizing the patient': therapists' accounts of sexual boundary violations.](#)

McNulty N, Ogden J, Warren F. *Clin Psychol Psychother*. 2013 May-Jun;20(3):189-98.

23andMe and the FDA

Annas, GJ, Elias S. *NEJM* 2014;

<http://www.nejm.org/doi/full/10.1056/NEJMp1316367?query=TOC>

The smart-pill oversell: Evidence is mounting that medication for ADHD doesn't make a lasting difference to schoolwork or achievement.

Sharpe K. *Nature* 2014; 506: 146-8.

http://www.nature.com/polopoly_fs/1.14701!/menu/main/topColumns/topLeftColumn/pdf/506146a.pdf

Incidental findings: expect to find the unexpected

Jones K. *CMAJ* February 18, 2014 186:E105-6.

<http://www.cmaj.ca/content/186/3/E105.full>

When is diminishment a form of enhancement? Rethinking the enhancement debate in biomedical ethics.

Earp BD(1), Sandberg A(2), Kahane G(3), Savulescu J(1). *Front Syst Neurosci*. 2014 Feb 4;8:12.

<http://journal.frontiersin.org/Journal/10.3389/fnsys.2014.00012/abstract>

Neuroethics and animals.

Takala T, Häyry M. *Camb Q Healthc Ethics*. 2014 Apr;23(2):182-7.

<http://www.ncbi.nlm.nih.gov/pubmed/24534740>

[Participant perspectives on housing first and recovery: early findings from the At Home/Chez Soi project.](#)

Polvere L, Macnaughton E, Piat M. *Psychiatr Rehabil J*. 2013 Jun;36(2):110-2.

Patient with a devastating embolic stroke: using weekly multidisciplinary ethics rounds in the neuroscience intensive care unit to facilitate care and communication.

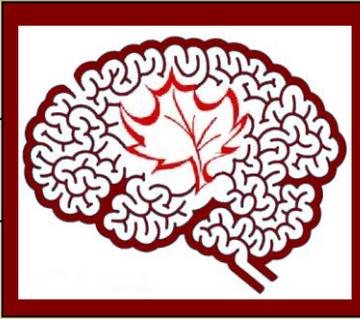
Jehle J, Jurchak M. *Top Stroke Rehabil*. 2014 Jan-Feb;21(1):7-11.

<http://thomasland.metapress.com/content/t2806637m1r702t3/?genre=article&id=doi%3a10.1310%2ftsr2101-7>.

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

Literature-Littérature



NEWS AND SOCIAL MEDIA

['Aid in Dying' Movement Takes Hold in Some States](#)

Eckholm, E. The New York Times. February 07, 2014

[Can Neuroscience Data be Used to Minimize the Effects of Stereotype Threat?](#)

Marshall, J. The Neuroethics Blog. February 19, 2014.

[Kids, Poverty and Mental Health: Anxiety a growing problem](#)

Davy, D. CBC News. February 19, 2014.

[Surprising 12 per cent of Canadians caring for someone with dementia](#)

Favaro, A. CTV News. February 21, 2014.

[Who Causes Fetal Harm and Who Is Blamed?](#)

Campo-Engelstein, L. Bioethics Today. February 24, 2014.

[The amoral molecule](#)

Seth, AK. NeuroBanter. February 24, 2014.

[The man who destroyed America's ego](#)

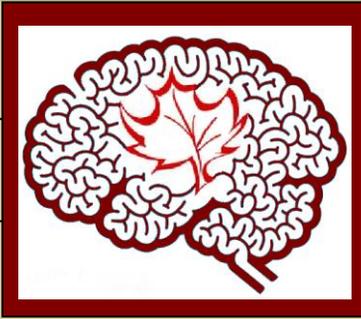
Storr, W. Matter. February 25, 2014.

[Making a difference in bioethics: "Mayday, Mayday, Mayday" for Ethics at CIHR](#)

Baylis F, Downie J. Impact Ethics. February 25, 2014.

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



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