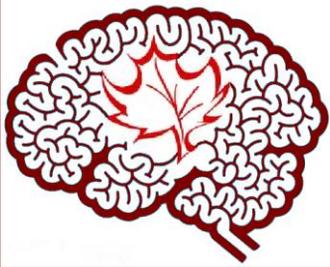


Brainstorm

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, 2013
1^{er} avril 2013

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Editorial team

Équipe éditoriale

Emily Bell, PhD, Co-editor

Veljko Dubljević, PhD Co-editor

Eric Racine, PhD, Editor

Sponsors:



Commanditaires:

Fonds de la recherche
en santé
Québec



Events-Événements

Montreal Neuroethics Network

Neuroethics Seminar Series: Spring 2013

“Ethics and evidence in psychiatry”

Mona Gupta, PhD

Université de Montréal, Canada

Monday April 22nd, 12:00pm – 1:00pm

IRCM, 110 Avenue des Pins Ouest

Room/Salle André Barbeau

“Moral experience as a lens for empirical bioethics research”

Matthew Hunt, PhD

McGill University, Canada

Monday April 29th, 12:00pm – 1:00pm

IRCM, 110 Avenue des Pins Ouest

Room/Salle 255, IRCM

“Pseudoneuroscience:

On the use and abuse of the brain for life”

Ian Gold, PhD

McGill University, Canada

Monday May 13th, 12:00pm – 1:00pm

IRCM, 110 Avenue des Pins Ouest

Room/Salle André Barbeau

“Deciding for incompetent patients:

Whose best interests are we talking about?”

Ralf Jox, MD

University of Munich, Germany

Monday June 10th, 11:30am – 12:30pm

IRCM, 110 Avenue des Pins Ouest

Auditorium Jacques-Genest

All are welcome but please note that there are required readings for most seminars and limited spaces. Please RSVP to emily.bell@ircm.qc.ca to obtain the readings for each seminar.

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Profil/Profile

Stacey A. Tovino, J.D.; PhD

Stacey A. Tovino, J.D., Ph.D., currently serves as the Lincy Professor of Law and Associate Dean for Faculty Development and Research at the William S. Boyd School of Law at the University of Nevada, Las Vegas. A leading expert in the fields of health law, bioethics and the law, and the medical humanities, Stacey's specific teaching and research interests focus on mental health law, neuroethics, and the history of neurology, psychiatry, and psychology. Educated as both a lawyer and a humanist, Stacey publishes her interdisciplinary work in textbooks, casebooks, edited readers, law reviews, medical and science journals, and ethics and humanities journals. Stacey's recent publications have advocated for complete mental health insurance parity in the context of both private health plans and public health care programs as well as the avoidance of conflicts of interest in the contexts of health care, biomedical and behavioral research, and the practice of health law.

Prior to joining the faculty at UNLV's Boyd School of Law, Stacey served on the law faculties of Drake University, Hamline University, and the University of Houston. Prior to entering the academy, Stacey served as an attorney in the Health Industries Group of the Houston office of the international law firm Vinson & Elkins. During her law practice, Stacey represented physicians, scientists, allied health professionals, general and special hospitals, academic medical centers, organ procurement organizations, blood banks, AIDS clinics, and non-profit health care organizations in civil and regulatory matters.

Opinion Statement/Message about Neuroethics:

"I love reading the work of our junior neuroethics scholars. Beyond mapping the field and identifying general ethical, legal, and social issues raised by advances in neuroscience, our latest generation of scholars is moving the field of neuroethics forward by focusing on particular illnesses, new technological applications, and improved law and policy."

Representative Publications:

Stacey A. Tovino, *Conflicts of Interest in Health Care and Health Law*, 117 Penn State Law Review (forthcoming 2013).

Stacey A. Tovino, *A 'Common' Proposal*, 50 Houston Law Review (forthcoming 2013).

Stacey A. Tovino, *Medico-Legal Issues in Neuroimaging*, in *Neuroethics in Practice* (Martha Farah & Anjan Chatterjee eds., Oxford University Press, 2013).

Stacey A. Tovino, *A Proposal for Comprehensive and Specific Essential Mental Health and Substance Use Disorder Benefits*, 38 American Journal of Law & Medicine 471 (2012).

Stacey A. Tovino, *All Illnesses Are (Not) Created Equal: Reforming Federal Mental Health Insurance Law*, 49 Harvard Journal on Legislation 1 (2012).

Stacey A. Tovino, *Further Support for Mental Health Parity Law and Mandatory Mental Health and Substance Use Disorder Benefits*, 21 Annals of Health Law 147 (2012).

Stacey A. Tovino, *Women's Neuroethics*, in *Oxford Handbook of Neuroethics* (Judy Illes & Barbara Sahakian eds., Oxford University Press 2011).

Neuroscience Scholars Program

•Background

The Neuroscience Scholars Program (NSP) is a three-year fellowship administered by the Society for Neuroscience to enhance career development and professional networking opportunities for underrepresented diverse undergraduate and graduate students, and postdoctoral fellows in neuroscience. The program, funded by the [National Institute of Neurological Disorders and Stroke](#), provides scholars with:

- Annual stipend for enrichment activities outside the scholar's home institution
- Support for and annual meeting travel expenses
- Access to annual meeting workshops, courses, and events
- Complimentary SfN meeting registration and abstract fee waivers
- Complimentary SfN membership and subscription to [The Journal of Neuroscience](#) online
- Mentoring
- Other benefits: opportunities to network, expand professional contacts, and acquire professional skills.

• Eligibility

Applicants must be citizens or permanent residents of the United States and enrolled in a degree-granting program or postdoctoral fellowship.

According to the guidelines of the National Institute of Neurological Disorders and Stroke Diversity Research Education Grant, candidates must be from a group recognized as underrepresented in the biomedical, behavioral, clinical and social sciences:

Individuals from racial and ethnic groups that have been shown by the National Science Foundation to be underrepresented in health-related sciences on a national basis. The following racial and ethnic groups have been shown to be underrepresented in biomedical research: African Americans, Hispanic Americans, Native Americans, Alaskan Natives, Hawaiian Natives, and natives of the US Pacific Islands.

Individuals with disabilities, who are defined as those with a physical or mental impairment that substantially limits one or more major life activities. Individuals from disadvantaged backgrounds who are defined as:

Individuals who come from a family with an annual income below established low-income thresholds. These thresholds are based on family size; published by the U.S. Bureau of the Census; adjusted annually for changes in the Consumer Price Index; and adjusted by the Secretary for use in all health professions programs. The Secretary periodically [publishes these income levels](#). Candidates eligible according to this criterion must be able to document that they have qualified for Federal disadvantaged assistance or they have received any of the following student loans: Health Professions Student Loans (HPSL), Loans for Disadvantaged Student Program, or they have received scholarships from the U.S. Department of Health and Human Services under the Scholarship for Individuals with Exceptional Financial Need.

Individuals who come from a social, cultural, or educational environment such as that found in certain rural or inner-city environments that have demonstrably and recently directly inhibited the individual from obtaining the knowledge, skills, and abilities necessary to develop and participate in a research career. This is most applicable to undergraduate candidates.

Past fellowship recipients are ineligible.

Scholars are selected based on academic excellence, research interests, and experience.

2013 Application Information - Deadline: Friday, May 3

The [2013 application](#) period is **now open**. When completing your application, you may use this [biosketch form](#) as a template and this [completed sample](#) as a reference.

Conference

Mind and Life: Mechanistic and Topological Perspectives

University of Belgrade, Serbia

30-31 May 2013

Program committee: Daniel Kostić and Philippe Huneman

Organizing committee: Daniel Kostić, Slobodan Perović, Živan Lazović

Department of Philosophy at the University of Belgrade is organizing an international interdisciplinary conference on May 30-31, 2013. Attendance is free. Conference program and information concerning the venue and other information will be announced in due course.

The Topic of the Conference

Debates about explanations in philosophy of biology and neuroscience traditionally focus on several different models of explanations such as causal, dynamic, probabilistic, etc. The mechanistic approach to explanations currently emerged as central to life sciences and cognitive neuroscience (e.g. Bechtel and Richardson, 2010; Craver and Bechtel, 2007; Craver 2007; Darden 2006; Machamer, Darden and Craver 2000); however, recently, it has also been emphasized that explanations relying on structural, mathematical or topological considerations (e.g. Jackson and Pettit, 1998; Huneman, 2010; Batterman 2010) can play a significant role in explaining certain phenomena in various special sciences (Bassett and Bullmore, 2006; Benkö et al, 2009; Bullmore and Sporns, 2009; Cupal et al, 1999; Fontana 2002; Honey et al 2009; Stadler et al, 2001). The relationship and prospects of these two approaches to scientific explanation have not yet been widely discussed.

The aim of this conference is to gather experts in philosophy of biology, mind, neuroscience and related areas who will discuss the relationship between these two approaches to explanation. Furthermore, the conference will discuss some dominant views concerning causation, explanation and levels of organization that are relevant for the individuation of properties and explanations.

Speakers:

1. David Papineau (King's College London)
2. Tim Maudlin (Department of Philosophy at NYU)
3. Peter Machamer (Department of Philosophy at the University of Pittsburgh)
4. Robert Batterman (Department of Philosophy at the University of Pittsburgh)
5. Carl Craver (Philosophy-Neurosciences-Psychology at Washington University in St. Louis)
6. Philippe Huneman (IHPST/CNRS, Paris)
7. Sonia Kefi (CNRS/Institut des Sciences de l'Evolution de Montpellier (ISEM) TBC)
8. Marie Kaiser (Department of Philosophy at the University of Geneva)
9. Totte Herinen (King's College London)
10. Marie Darrason (IHPST/CNRS, Paris) TBC
11. Daniel Kostić (Philosophy, University of Novi Sad and University of Belgrade)
12. Slobodan Perović (Department of Philosophy at the University of Belgrade)
13. Ljiljana Radenović (Department of Philosophy at the University of Belgrade)

The conference is sponsored by: Faculty of Philosophy at the University of Belgrade, Faculty of Philosophy at the University of Novi Sad, Swiss Embassy in Serbia, Nikola Tesla Airport, Belgrade Municipality "Old Town", French Institute (Belgrade) and Ministry of Education, Science and Technological Development of the Republic of Serbia.

Contact person:

Daniel Kostić

Email: daniel.kostic@gmail.com

The Human Brain Project

The Human Brain Project will last ten years and joins more than 80 European and international research institutions. The selection of the Human Brain Project as a FET Flagship is the result of more than three years of preparation and a rigorous evaluation by a large panel of independent scientists selected by the European Commission.

The cost is estimated at 1.19 billion euro and will be co-ordinated at the Ecole Polytechnique Fédérale de Lausanne in Switzerland by neuroscientist Henry Markram, with co-directors Karlheinz Meier of Heidelberg University, Germany, and Richard Frackowiak of Centre Hospitalier Universitaire Vaudois and the University of Lausanne.

More information: <http://www.uu.se/en/news/news-document/?id=2308&area=2,8,10,16&typ=artikel&na=&lang=en>

PhD position in Medical sciences in the field of bioethics/philosophy of mind

at the Department of Public Health and Caring Sciences/Centre for Research & Bioethics (CRB), Uppsala, Sweden

Application no later than 2013-04-22. UFV-PA 2013/851

Starting date 2013-09-01 or as agreed.

Project description: Depending on research interest, qualifications and suitability of the selected applicant, this position will be within the following project:

Conceptual and empirical analyses of the nature and function of consciousness in the light of modern neuroscience and philosophy of mind; how consciousness can be accessed neurotechnologically; clinical studies of consciousness of patients with disorders of consciousness and ethical analyses of the results.

The successful applicant will work pursue the project in connection with the Academic Hospital in Uppsala and a dynamic international network: the Human Brain Project, one of EU's flagship projects

(<http://www.humanbrainproject.eu/>).

Background of applicant: The Centre of Research & Bioethics is an interdisciplinary and increasingly international research environment. We welcome international applications from highly motivated candidates with a degree in neuroscience, philosophy, medicine/neurology or other relevant areas. Fluency in English is required.

Application procedure: The application should include a personal presentation including academic profile, curriculum vitae, documents supporting relevant degrees, and a copy of the master thesis or equivalent works, other documents supporting your competence and suitability for the position, and two letters of recommendation.

Uppsala University is striving to achieve a more even gender balance and at present CRB especially encourages men to apply.

The rules governing this process can be found (in Swedish) in Högskoleförordningen 5 Chapter 1-7 §§ and in University rules <http://regler.uu.se/>.

Conditions: The PhD position is for four years, extendable to a maximum of five years including departmental duties of up to 20% (typically teaching). Local salary rules will apply.

For more information, please contact Associate Professor Kathinka Evers, phone: +46-(0)18-471 62 43. E-mail: kathinka.evers@crb.uu.se or Professor Mats Hansson, director, phone: +46-(0)18-471 61 97, +46-(0)763-41 20 50. E-mail: Mats.Hansson@crb.uu.se. Information about the Centre is available at www.crb.uu.se.

International Neurolaw

The MacArthur Foundation Research Network on Law and Neuroscience has begun compiling international resources on law and neuroscience. Thus far, we have developed databases for international neurolaw publications and resources in Italian, French, and Swiss. For non-English publication titles, English translations are provided in parentheses, when available. They welcome information about publications in additional languages. To add to the database of international neurolaw publications, organizations, and resources please email

sarah.e.grove@vanderbilt.edu.

Announcements-Annonces

The Future of Neuroenhancement: Morality, Memory & Love

Workshop, Sat. April 20th 2013,

Institute for Ethics, History and Theory of Medicine, University of Münster, Germany

We warmly invite you to our Workshop on the future of Neuroenhancement, Saturday April 20th, at the Institute for Ethics, History and Theory of Medicine, University of Muenster. We wish to broaden the perspective on mind-interventions, often focused on cognitive enhancement, and discuss theoretical, ethical and social aspects of interventions targeting moral psychological and memory processes as well as love and affection. We are very pleased to present talks by the following speakers: Julian Savulescu (Director of the Oxford Uehiro Centre for Practical Ethics), Walter Glannon (Professor of Philosophy University of Calgary, Canada) and Anders Sandberg (Future of Humanity Institute, Oxford)

Call for Comments:

We wish to enable an extensive and critical discussion of the topics and will circulate papers related to the talks before. We would arrange the possibility to give ~10 min. comments on the papers. If you are interested in commenting, we wish to encourage you, please drop us a line.

Registration:

Participation is free. As we have only limited space in the cozy Villa of the Institute and need to arrange catering, please register asap if you are interested in joining us at workshop@neuroethik.org. If you have any further questions, please write to christoph.bublitz@uni-hamburg.de

Call for Papers: **8th International Conference on Applied Ethics: 'Applied Ethics in an Era of Emerging Technologies'** November 1-3 (Fri–Sun), 2013; Sapporo, Japan

Hosted by the Center for Applied Ethics and Philosophy (CAEP), Hokkaido University (Sapporo, Japan)

We invite papers written towards the conference theme of emerging technologies and will give these preference, but we also welcome papers in applied ethics, broadly construed, that address political, economic, social, and cultural issues in applied ethics beyond the conference theme.

Confirmed speakers include: John Kleinig (City University of New York), Paul B. Thompson (Michigan State University), Peter-Paul Verbeek (University of Twente), Timothy F. Murphy (University of Illinois)

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 Sunday, June 30, 2013.

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: <http://ethics.let.hokudai.ac.jp/ja/files/grantapplicationformiaec13.doc>

For further details, please visit our website: <http://ethics.let.hokudai.ac.jp>

Neurizons 2013 "Solving the brain puzzle: Building minds from molecules" will be held from **May 22nd to May 25th 2013** at the Max-Planck Institute for Biophysical Chemistry in Göttingen, Germany.

This conference aims to provide a platform for scientific exchange between senior Neuroscientists and young researchers from all over the world to discuss their research and form networks.

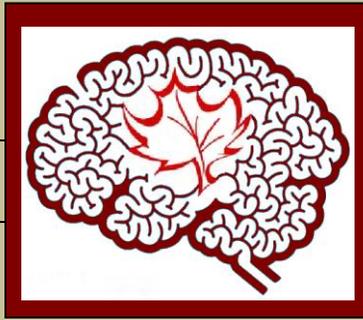
This year we present a program that not only brings the participants up to speed with the latest developments in the various fields of Neuroscience, but also offers a unique opportunity to tap into career prospects outside of academia during "Career talks". These four days will feature some of the most prominent scientists delivering lectures on one of the five advertised special topics; Higher brain function, Synaptic physiology and plasticity, sensory and motor systems, developmental and clinical neuroscience and emerging techniques. The keynote lecture will be given by Susumu Tonegawa. In addition, participants will have the chance for discussion not only during poster sessions and presentations but also during the numerous social activities.

Neurizons 2013 promises to be an exciting space of direct communication between present and the future scientists in the interdisciplinary fields of neuroscience. We believe that it will offer you new perspectives, better understanding and many opportunities!

More information at: http://www.neurizons.uni-goettingen.de/?goback=gde_4097099_member_215571592#

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Events- Événements

University of Oxford Philosophy and Psychiatry Summer School to host book launch of the new 'Oxford handbook of Philosophy and Psychiatry'
(www.conted.ox.ac.uk/ppss2)

The Oxford Handbook of Philosophy and Psychiatry offers the most comprehensive reference resource for this area ever published and we are delighted to announce the launch as part of the Summer School. Sponsored by Oxford University Press, the launch will open with a short address from Dr Anita Avramides (Reader in Philosophy of Mind, University of Oxford).

The book is written and edited by an international team comprising world-leading philosophers and psychiatrists, resulting in an authoritative volume. We are very happy to welcome several of these team members to the Summer School where they will be delivering key sessions:

* Values in Mental Health Practice - Professor Bill Fulford (Emeritus Professor of Philosophy and Mental Health, University of Warwick, and Member of the Philosophy Faculty, University of Oxford)

* Ordering Disorder: Mental Disorder, Brain Disorder and Therapeutic Intervention - Professor George Graham (Professor of Philosophy and Neuroscience, Georgia State University)

*Karl Jaspers and the Ethics of Incomprehensibility - Professor Giovanni Stanghellini (Professor of Dynamic Psychology and Psychopathology, University of Chieti)

These sessions form part of an intensive programme delivered through keynote lectures and seminars offering opportunities for substantial dialogue between philosophers, scientists and mental health practitioners.

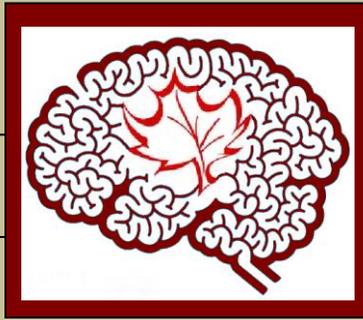
The Summer School will take place at St Catherine's College, Oxford (14 - 19 July 2013) and includes opportunities to network and socialise with fellow delegates, faculty members and invited speakers. Residential and non-residential options are available.

Further details available: www.conted.ox.ac.uk/ppss2

Application deadline: 01 May 2013

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Literature-Littérature

NEW : LITERATURE IN BRAINSTORM NOW INCLUDES ACTIVE LINKS!

BOOK REVIEW

Review of Daniel Kelly: Yuck! The Nature and Moral Significance of Disgust

Gil M. Neuroethics 2013; 6(1): 221-23.

<http://link.springer.com/article/10.1007/s12152-012-9171-7>

ARTICLES

Introduction: Reconsidering disorders of consciousness in light of neuroscientific evidence

Jox RJ, Kuehlmeier K. Neuroethics 2013; 6(1): 1-3.

<http://link.springer.com/article/10.1007/s12152-011-9138-0>

Right (to a) diagnosis? Establishing correct diagnoses in chronic disorders of consciousness

Brukamp K. Neuroethics 2013; 6(1): 5-11.

<http://link.springer.com/article/10.1007/s12152-012-9154-8>

Knowledge of partial awareness in disorders of consciousness: Implications for ethical evaluations?

Friedrich O. Neuroethics 2013; 6(1): 13-23.

<http://link.springer.com/article/10.1007/s12152-011-9145-1>

Perspectives and experience of healthcare professionals on diagnosis, prognosis, and end-of-life decision making in patients with disorders of consciousness

Rodrigue C et al. Neuroethics 2013; 6(1): 25-36.

<http://link.springer.com/article/10.1007/s12152-011-9142-4>

Pain perception in disorders of consciousness: Neuroscience, clinical care, and ethics in dialogue

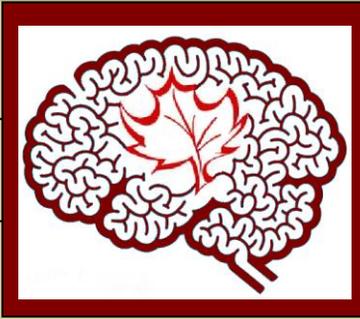
Demertzi A et al. Neuroethics 2013; 6(1): 37-50.

<http://link.springer.com/article/10.1007/s12152-011-9149-x>

“A lot more bad news for conservatives, and a little bit of bad news for liberals? Moral judgments and the dark triad personality traits: A follow-up study”

Arvan M. Neuroethics 2013; 6(1): 51-64.

<http://link.springer.com/article/10.1007/s12152-012-9155-7>



Individual differences in moral behaviour: A role for response to risk and uncertainty?

Palmer CJ et al. Neuroethics 2013; 6(1): 97-103.

<http://link.springer.com/article/10.1007/s12152-012-9158-4>

What is the “cognitive” in cognitive neuroscience?

Figdor C. Neuroethics 2013; 6(1): 105-14

<http://link.springer.com/article/10.1007/s12152-012-9157-5>

Involuntary & voluntary invasive brain surgery: Ethical issues related to acquired aggressiveness

Gilbert F et al. Neuroethics 2013; 6(1): 115-28.

<http://link.springer.com/article/10.1007/s12152-012-9161-9>

On the criminal culpability of successful and unsuccessful psychopaths

Sifferd KL, Hirstein W. Neuroethics 2013; 6(1): 129-40.

<http://link.springer.com/article/10.1007/s12152-012-9172-6>

‘The thorny and arduous path of moral progress’: Moral psychology and moral enhancement

Zarpentine C. Neuroethics 2013; 6(1): 141-53.

<http://link.springer.com/article/10.1007/s12152-012-9166-4>

Ideals of student excellence and enhancement

Enck GG. Neuroethics 2013; 6(1): 155-64.

<http://link.springer.com/article/10.1007/s12152-012-9164-6>

Treating yourself as an object: Self-objectification and the ethical dimensions of antidepressant use

Hoffman GA. Neuroethics 2013; 6(1): 165-78.

<http://link.springer.com/article/10.1007/s12152-012-9162-8>

Cognitive enhancement, rational choice and justification

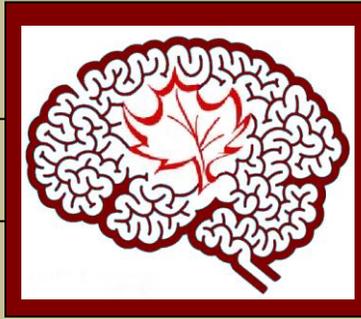
Dubljević V. Neuroethics 2013; 6(1): 179-87.

<http://link.springer.com/article/10.1007/s12152-012-9173-5>

The neuroscience of decision making and our standards for assessing competence to consent

Clarke S. Neuroethics 2013; 6(1): 189-96.

<http://link.springer.com/article/10.1007/s12152-011-9144-2>



Literature-Littérature

Australian university students' attitudes towards the acceptability and regulation of pharmaceuticals to improve academic performance

Bell S et al. *Neuroethics* 2013; 6(1): 197-205.

<http://link.springer.com/article/10.1007/s12152-012-9153-9>

Embodied tools, cognitive tools and brain-computer interfaces

Heersmink R. *Neuroethics* 2013; 6(1): 207-19.

<http://link.springer.com/article/10.1007/s12152-011-9136-2>

Voluntary rehabilitation? On neurotechnological behavioural treatment, valid consent and (in)appropriate offers

Bomann-Larsen L. *Neuroethics* 2013; 6(1): 65-77.

<http://link.springer.com/article/10.1007/s12152-011-9105-9>

Neurotechnological behavioural treatment of criminal offenders—A comment on Bomann-Larsen

Ryberg J, Petersen TS. *Neuroethics* 2013; 6(1): 79-83.

<http://link.springer.com/article/10.1007/s12152-011-9146-0>

Neuroethics in Spain: Neurological determinism or moral freedom?

Bonete E. *Neuroethics* 2013; 6(1): 225-32.

<http://link.springer.com/article/10.1007/s12152-012-9151-y>

Neuroetica, a look at the development of the Italian debate on neuroethics

Minerva F. *Neuroethics* 2013; 6(1): 233-36.

<http://link.springer.com/article/10.1007/s12152-012-9160-x>

Recovery: conceptual and ethical aspects.

Jaeger M, Hoff P. *Curr Opin Psychiatry*. 2012 Nov;25(6):497-502.

Values-based practice in mental health and psychiatry.

Woodbridge-Dodd K. *Curr Opin Psychiatry*. 2012 Nov;25(6):508-12.

Compulsory detention, forced detoxification and enforced labour are not ethically acceptable or effective ways to treat addiction.

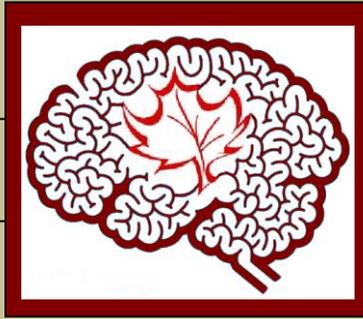
Hall W, Babor T, Edwards G, Laranjeira R, Marsden J, Miller P, Obot I, Petry N, Thamarangsi T, West R. *Addiction*. 2012 Nov;107(11):1891-3.

Medical and ethical dilemma in brain death.

Streba I, Damian S, Ioan B. *Rev Med Chir Soc Med Nat Iasi*. 2012

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Literature-Littérature

[The ethics of postmarketing observational studies of drug safety under section 505\(o\)\(3\) of the Food, Drug, and Cosmetic Act.](#)

Evans BJ. Am J Law Med. 2012;38(4):577-606.

The brain activity map

Alivisatos AP Science 2013; 339(6125): 1284-5.

<http://www.sciencemag.org/content/339/6125/1284.short>

Marijuana is not a prescription medicine

Fletcher J. CMAJ 2013; 185:369.

<http://www.cmaj.ca/content/185/5/369.full.html?etoc>

[Pediatric neuroenhancement: Ethical, legal, social, and neurodevelopmental implications.](#)

Graf WD, Nagel SK, Epstein LG, Miller G, Nass R, Larriviere D.

Neurology. 2013 Mar 13. [Epub ahead of print]

Opioid abuse

Lexchin J. CMAJ 2013; 185:418.

<http://www.cmaj.ca/content/185/5/418.2.full.html>

[Pediatric neuroenhancement: Ethical, legal, social, and neurodevelopmental implications.](#)

Graf WD, Nagel SK, Epstein LG, Miller G, Nass R, Larriviere D. Neurology. 2013 Mar 13. [Epub ahead of print]

[Commentary: forensic education and the quest for truth.](#)

Ciccone JR. J Am Acad Psychiatry Law. 2013;41(1):33-7

[Paediatric biobanks: what makes them so unique?](#)

Samuël J, Knoppers BM, Avard D. J Paediatr Child Health. 2012 Feb;48(2):E1-3.

[Does exposure to conflict of interest policies in psychiatry residency affect antidepressant prescribing?](#)

Epstein AJ, Busch SH, Busch AB, Asch DA, Barry CL. Med Care. 2013 Feb;51(2):199-203.

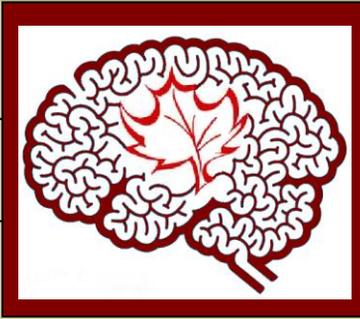
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Brainstorm

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



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[Mental Illness and New Gun Law Reforms: The Promise and Peril of Crisis-Driven Policy](#)

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[Neurologists Warn Against ADHD Drugs To Help Kids Study](#) by Nancy Shute via NPR Shots (March 14, 2013)

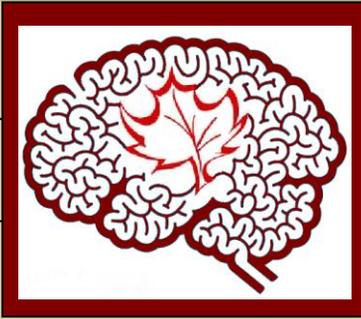
[Why Brain-Mapping Efforts Matter – Even If They Don't Succeed](#) by Ben Thomas via Scientific American Mind Guest Blog (March 18, 2013)

[Can Hyperbaric Oxygen Repair the Damaged Brain?](#) Via The Dana Foundation (March 18, 2013)

[The Real Limitless Drug Isn't Just for Lifehackers Anymore](#) by Robert Kolker via New York Magazine (March 31, 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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