

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



May 1, 2013
1^{er} mai 2013

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Eric Racine, PhD, Editor

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Events-Événements

Invitation to Submit Abstracts for the
2013 INS Annual Meeting

November 7-8, San Diego, CA

Deadline is May 31, 2013

We welcome abstracts reporting recent results in the field of neuroethics and related topics. Investigators at any career stage are encouraged to submit abstracts. Selections will be made based on content, available space and overall program balance. Participants may submit the same abstract for the INS meeting as for the Society for Neuroscience Meeting.

Five submissions will be selected for Oral Presentations.

Two submissions will receive a \$250 Travel Award.

Twenty-five will be published in AJOB-N, the American Journal of Bioethics Neuroscience.

Abstracts can be up to 500 words (including title, author names and affiliations and references if applicable). At least one author must be an INS member and register for, and attend, the Annual Meeting. Abstracts will be reviewed by the INS Program Committee. *Work presented in abstracts must be in compliance with local policies, ethical review related to the use of humans and animals in research, and comply with the [INS Abstract Submission and Disclosure Statement](#).*

FORMAT your abstract as follows: (1) All text left justified; (2) Title in capitals; (3) Authors' initials and surnames, with superscripts for institutional affiliations if more than one; (4) General question or issue being addressed should be stated at outset; (5) References optional and no more than 5, formatted for AJOB-N.

The deadline is 5:00 p.m. EDT on May 31, 2013. Submit your abstract to administrator@neuroethicssociety.org.

After submitting, you will receive an email to confirm that your abstract was received. Incomplete submissions will not be reviewed.

Accepted presentations will receive notification by June 30.



Profil/Profile

James Giordano, PhD, MPhil

James Giordano has recently returned to Georgetown University, Washington DC, as Professor of Integrative Physiology in the Department of Biochemistry, and Chief of the Neuroethics Studies Program in the Center for Clinical Bioethics. Following a Fulbright Visiting Professorship this past year, Jim was named Chair of the Neurotechnology and Neuroethics Across Generations (NNAG) Research Program at the Human Science Center of Ludwig-Maximilians Universität, Munich, Germany. As well, he continues to serve as consulting director of the Center for Neurotechnology Studies at the Potomac Institute for Policy Studies, Arlington, VA, and as IGERT Research Professor in the Department of Electrical and Computational Engineering at the University of New Mexico, Albuquerque, NM, USA.

Jim's research focuses upon both the use of advanced neurotechnologies to explore the neuroscience of pain and neuropsychiatric spectrum disorders, and the neuroethical issues arising from the use of neuroscience and neurotechnology in medicine, public life, and national security and defense. The author of over 175 peer-reviewed papers and 6 books, he was elected to the European Academy of Sciences and Arts, and named as 2013-2014 Sigma Xi National Distinguished Lecturer, and 2013 IEEE Distinguished Lecturer in Science and Society in recognition of his work.

According to Jim, neuroethics "...is a field evolving in interactive domains; it evolves through the iterative use of neuroscientific and neurotechnological heuristics to foster deeper understanding of neural mechanisms involved in the proto-moral aspects of human ecology, and it addresses and guides the evolutionary – if not revolutionary – uses of neuroscience and its technologies in society".

Jim and his wife Sherry, an anthrozoologist and artist, divide their time between Alexandria, Virginia, and Bad Tölz – a suburb of Munich – in Germany.

Some of his recent works include:

Giordano J. (ed.) *Neurotechnology: Premises, Potential and Problems*. CRC, Boca Raton (2012)

Giordano J, Benedikter R. An early - and necessary - flight of the Owl of Minerva: Neuroscience, neurotechnology, human socio-cultural boundaries, and the importance of neuroethics. *J. Evolution and Technol.* 22(1): 14-25. (2012)

Giordano J, Gordijn B. (eds.) *Scientific and Philosophical Perspectives in Neuroethics*. Cambridge University Press, Cambridge (2010).

Announcements-annonces

Post-doctoral fellowship in rehabilitation and ethics

We are recruiting a post---doctoral fellow (PDF) who will engage in research in the area of ethics and rehabilitation care, with a particular focus on issues of equity and service delivery. This position is based at the School of Physical and Occupational Therapy of McGill University and affiliated with the Centre for Interdisciplinary Research in Rehabilitation. The PDF will join a CIHR---funded research team "Physiotherapy practice and third party payers: Issues in professional ethics" and an emerging network (Professional Ethics Research Network, www.pern.ca). The PDF will report to Matthew Hunt, PT, PhD. Other members of the team include Drs Barbara Mazer (McGill) Debbie Feldman (U. Montreal) and Bryn Williams---Jones (U. Montreal). This fellowship is funded in part by the Jewish Rehabilitation Hospital Foundation and the Montreal Health Equity Research Consortium (www.mherc.net).

Responsibilities. The PDF will:

- 1) Develop and pursue a program of research related to ethics of rehabilitation practice, professions and institutions, as well as be an active collaborator within the Team And contribute to our ongoing research. This program of research will include investigation of ethical issues around wait list management and priority setting in rehabilitation care.
- 2) Participate actively in the seminars of the Montreal Health Equity Research Consortium.
- 3) Sit as an observer on the Clinical Ethics Committee of a rehabilitation hospital.

Qualifications

The successful candidate will have:

- A PhD in bioethics, philosophy, health policy, social sciences, rehabilitation sciences or other relevant discipline;
 - A strong publication record in bioethics and health policy and/or rehabilitation sciences;
 - Experience with applied ethical analysis;
 - Experience and/or knowledge of the rehabilitation sector;
 - Experience or interest in qualitative research;
 - Excellent interpersonal and teamwork skills.
- English/French bilingualism is an important asset.

Timelines and application process

Anticipated start date: September 1st 2013.

The position is for one year but renewable based on performance and funding availability.

Stipend: 45,000\$ including benefits. PDF will have access to 2,250\$ for conference travel.

Application process:

Applications should be submitted electronically to matthew.hunt@mcgill.ca.

Include a statement of research interests, CV, writing sample (e.g., a published article), and the names and contact information of 3 referees. Review of applications will proceed on a rolling basis until the position is filled. Only those selected for an interview will be contacted.

CALL FOR PAPERS

Special Issue: Concussion and mTBI: Ethical Issues

Guest Editors: Brad Partridge, Syd Johnson, Frédéric Gilbert

CLOSING DATE FOR SUBMISSIONS: November 30, 2013

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. The editors welcome early

discussion of proposals and/or abstracts by email.

Full papers are due by November 30, 2013. Manuscripts should be submitted to

Neuroethics online at: [http://](http://www.editorialmanager.com/nero)

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>

Announcements-Annonces

Neuroethics Down-Under

Neuroscience, ethics and public policy in Australia — Stimulating connections

Friday October 4th, 2013

University of Queensland Centre for Clinical Research

Royal Brisbane and Women's Hospital, Herston

Neuroscience is a rapidly evolving field that is changing the way we see mental disorders and addiction. Neuroscience research is revealing how drugs act on the brain to cause addiction and why some individuals are more likely to develop a mental illness than others. This research may lead to more effective treatments of mental illness. It may also change the way that we understand addiction and think about drug use in Australia. This research raises critical questions that need to be addressed: How will "brain disease" explanations of addiction and mental illness influence individuals' belief in their ability to overcome them? What impact can media stories about neuroscience have on public understandings of addiction? Should society regulate or prohibit the use of new psychotropic drugs to enhance cognition in the same way that they do other recreational drugs? Are individuals responsible for drug-induced behaviours?

This one-day conference will explore the ethical, social, legal and policy implications of neurobiological research on mental illness and addiction. The conference will showcase re-cent contributions to these debates by the *Neuroethics Group at UQCCR and other Australian experts.*

More information available soon. To join the mailing list email neuroethics@uq.edu.au

www.uqccr.uq.edu.au/neuroethics/conference neuroethics@uq.edu.au @NeuroethicsUQ

Department of Social Science, Medicine & Health, King's College London

POSTGRADUATE BURSARIES 2013-14

The Department of Social Science, Health & Medicine invites applications from candidates wishing to pursue Masters programmes, starting from September 2013:

MA BIOETHICS & SOCIETY

The MA in Bioethics & Society is a new postgraduate programme that is jointly taught with the Centre of Medical Law and Ethics at King's. The programme gives particular emphasis to addressing bioethical questions in ways that integrate conceptual and normative analysis with empirical research. Students will also study the history and sociology of bioethics and have the opportunity to obtain training in empirical research methods.

<http://www.kcl.ac.uk/sspp/departments/sshm/study/bas.aspx>

MSc GLOBAL HEALTH & SOCIAL JUSTICE

This interdisciplinary and novel Master's programme is designed to develop a new generation of thinkers and policy makers that have high level skills in the critical analysis of the social and political determinants of health and its inequalities in a global context as well as abilities to identify and provide normative arguments about the underlying ethical frameworks and conflicts. The programme includes two core modules including Critical Global Health and Global Health Ethics as well as a dissertation.

<http://www.kcl.ac.uk/sspp/departments/sshm/study/ghsj.aspx>

BURSARIES

One award for one full-time student is available per programme. Each award will provide £2000 toward tuition fees. The bursaries will be awarded on academic merit. All students applying for full-time study are eligible, including UK, EU and Overseas students.

There is no separate application procedure. All fully completed applications received by midnight on the 31st July will be considered for the bursaries. Applications must have been uploaded to or received by the Postgraduate Admissions Portal by the due time and date. The successful candidate will be notified no later than 14th August. Payments will be made in October and January.

Further bursaries are available for the MSc Medicine, Science & Society, MSc Gerontology, MA/MSc Ageing & Society and the MA Public Policy & Ageing offered by the Department.

FURTHER INFORMATION

MA in Bioethics & Society: Prof Ilina Singh (Ilina.singh@kcl.ac.uk)

MSc in Global Health & Social Justice: Dr Sridhar Venkatapuram (sridhar.venkatapuram@kcl.ac.uk)

Announcements-Annonces

Post-doc/Instructor Positions in Medical Ethics at NYULMC

The Division of Medical Ethics at the NYU Langone medical Center seeks to recruit two persons either as post-docs or instructors.

Core qualifications for the positions include;

an excellent record of quality scholarship and teaching. Applicants must have a PhD, JD, or MD. Successful applicants will be expected to demonstrate a strong scholarly career track in a sub-field of medical ethics/bioethics. The Division is especially interested in persons with research interests in neuroethics, reproductive technologies and ethics, public health ethics, transplantation ethics and mental health ethics.

The appointment will be for two years. The appointment will be in the Division (<http://pophealth.med.nyu.edu/divisions/medical-ethics>)

which is housed in the Department of Population Health at NYULMC (<http://pophealth.med.nyu.edu>). The post-docs will report directly to the Director of the Division. Successful applicants will have significant protected time to pursue research. They will be expected to teach one class at the graduate level per year, to participate in mentoring students doing projects in medical ethics and to assist in teaching medical ethics to undergraduate medical students and residents. Stipends will be negotiated. Health care and other benefits will be provided.

NYULMC encompasses the NYU School of Medicine, three hospitals (Tisch, Rusk, and the Hospital for Joint Diseases) and a number of affiliates including Bellevue and the Manhattan VA Medical Center. The Division maintains close ties to the Center for Bioethics located on the Washington Square campus (<http://bioethics.as.nyu.edu/page/home>).

Send a cover letter, CV and three letters of reference electronically to Jessica Oyola at Jessica.Oyola@nyumc.org with Search Division Post-Doc in the heading. Applications will be accepted until October 1, 2013.

Canadian Institute of Healthcare Research (CIHR) Funding Opportunities:

a) Michael Smith Foreign Study Supplement

The Michael Smith Foreign Study Supplement provides financial support to Canada Graduate Scholarship recipients to study abroad for a portion of their study program. Eligible Canada Graduate Scholarship recipients may receive up to \$6,000 for travel and accommodation to any eligible foreign university or research institution in the world.

Please go to the CIHR website (<http://trk.cp20.com/Tracking/t.c?5ehnh-7z35d-n6u9x98& v=2>) for details regarding the program and how to apply, or contact CGSMSFSS@cihr-irsc.gc.ca.

b) Funding opportunities posted between April 18 and April 29, 2013 by CIHR and its partners

To view these opportunities, please use the CIHR Funding Opportunity Database (<http://trk.cp20.com/Tracking/t.c?5ehnh-7z35e-n6u9x99& v=2>).

* Best Brains Exchange Travel Awards (2013-2014)

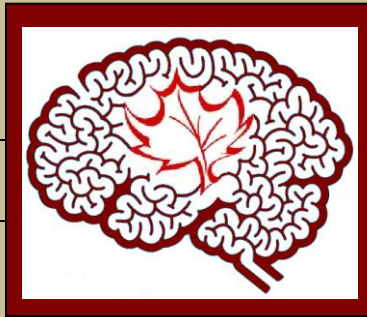
c) Call for applications to the CIHR Café Scientifique program (2013) - Reminder

Keep the conversation going: The call for applications to the 2013-2014 CIHR Café Scientifique program is now underway. This is your chance to potentially hold an informal event between experts and the general public about a particular health research subject of popular interest. Applications are due no later than 8 p.m. (Eastern Time) on May 24, 2013.

For further information, please visit the CIHR website (<http://trk.cp20.com/Tracking/t.c?5ehnh-7z35f-n6u9x90& v=2>).

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Events- Événements

The 2013 Annual Meeting of the International Neuroethics Society (INS) is November 7 and 8 (the day before the SfN Meeting) at the San Diego Marine and Marquis, San Diego, Ballroom B

The meeting will kick off on November 7 with a **Public Event on Neurogaming** at the [Reuben H. Fleet Science Center](#), followed by a reception.

On November 8, there will be a full day of programming at the San Diego Marriott Marquis & Marina, focused on topics including:

- 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?

The confirmed speaker lineup includes:

Patricia Churchland, University of California-San Diego,
Molly Crockett, University of Zürich,
Jens Clausen, University of Tübingen,
Lisa Clayton, Bristol Law School, University of the West England,
Mauricio Delgado, Rutgers University,
Joe Fins & Niko Schiff, Weill Cornell Medical College,
J. David Jentsch, University of California - Los Angeles
Barbara Sahakian & John Pickard, University of Cambridge,
Julian Savulescu, University of Oxford,
Catherine Sebastian, Royal Holloway, University of London, and
Judge Robert Trentacosta, Presiding Judge of San Diego Superior Court

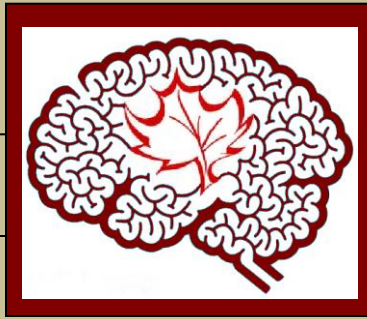
A full schedule can be found [here](#).

Check our website www.neuroethicssociety.org for registration and other information, available soon. **INS members receive discounts and those who register early will save even more.** If you have any questions, do not hesitate to contact Karen Graham, Executive Director at kgraham@neuroethicssociety.org.

Make plans now to join us in San Diego!

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Literature-Littérature

NEW : LITERATURE IN BRAINSTORM NOW INCLUDES ACTIVE LINKS!

ARTICLES

[The human factor: behavioral and neural correlates of humanized perception in moral decision making.](#)

Majdandžić J, Bauer H, Windischberger C, Moser E, Engl E, Lamm C. PLoS One. 2012;7(10):e47698.

[Diagnosis and management of Alzheimer's disease: Past, present and future ethical issues.](#)

Gauthier S, Leuzy A, Racine E, Rosa-Neto P. Prog Neurobiol. 2013 Apr 8.

[Influence of Time to Change's social marketing interventions on stigma in England 2009-2011.](#)

Evans-Lacko S, Malcolm E, West K, Rose D, London J, Rüsçh N, Little K, Henderson C, Thornicroft G. Br J Psychiatry Suppl. 2013 Apr;55:s77-88.

Depictions of 'brain death' in the media: medical and ethical implications.

Daoust A, Racine E. J Med Ethics. 2013 Apr 12. [Epub ahead of print]

<http://jme.bmj.com/cgi/pmidlookup?view=long&pmid=23584826>

[Digital media, the developing brain and the interpretive plasticity of neuroplasticity.](#)

Choudhury S, McKinney KA. Transcult Psychiatry. 2013 Apr 18. [Epub ahead of print]

[Newspaper coverage of mental illness in England 2008-2011.](#)

Thornicroft A, Goulden R, Shefer G, Rhydderch D, Rose D, Williams P, Thornicroft G, Henderson C. Br J Psychiatry Suppl. 2013 Apr;55:s64-9.

[A qualitative exploration of adolescent perceptions of healthy sleep in Tucson, Arizona, USA.](#)

Orzech KM. Soc Sci Med. 2013 Feb;79:109-16.

[Genomic sequencing for psychiatric disorders: promise and challenge.](#)

Biesecker BB, Peay HL. Int J Neuropsychopharmacol. 2013 Apr 10:1-6.

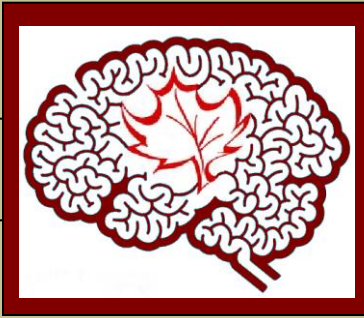
[Does the emphasis on risk in psychiatry serve the interests of patients or the public? Yes.](#)

Morgan JF. BMJ. 2013 Feb 12;346:f902.

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Literature-Littérature



The "Ethics" of Evidence are not Evidence of Ethics.

Royall DR. J Am Geriatr Soc. 2013 Apr;61(4):661.

Emerging issues in paediatric health research consent forms in Canada: working towards best practices.

Dove ES, Avard D, Black L, Knoppers BM. BMC Med Ethics. 2013 Jan 30;14:5.

Understanding neurocognitive developmental disorders can improve education for all

Butterworth B, Kovas Y. Science 2013; 340(6130): 300-305.

<http://www.sciencemag.org/content/340/6130/290.full.pdf>

Are decisions made 'in the throes' of treatment-refractory mental illness truly invalid?

Dembo JS. Am J Bioeth. 2013;13(3):16-8

Autonomy and the unintended legal consequences of emerging neurotherapies

Chandler JA. Neuroethics 2013; 6(2): 249-263.

<http://link.springer.com/article/10.1007/s12152-011-9109-5>

The ethical pain

Farisco M. Neuroethics 2013; 6(2): 265-276.

<http://link.springer.com/article/10.1007/s12152-011-9111-y>

Pascal's Wager and deciding about the life-sustaining treatment of patients in persistent vegetative state

Varelius J. Neuroethics 2013; 6(2): 277-285.

<http://link.springer.com/article/10.1007/s12152-011-9113-9>

The monoamine oxidase A (MAOA) genetic predisposition to impulsive violence: is it relevant to criminal trials?

Baum ML. Neuroethics 2013; 6(2): 287-306.

<http://link.springer.com/article/10.1007/s12152-011-9108-6>

Bad news for Conservatives? Moral judgments and the dark triad personality traits: a correlational study

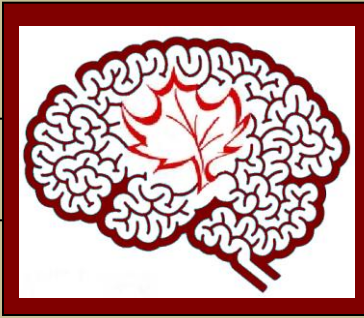
Arvan M. Neuroethics 2013; 6(2): 307-318.

<http://link.springer.com/article/10.1007/s12152-011-9140-6>

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Literature-Littérature



Old problems: methodological and ethical issues in fMRI research examining sex/gender differences in emotion processing

Bluhm R. Neuroethics 2013; 6(2): 319-330.

<http://link.springer.com/article/10.1007/s12152-011-9143-3>

Neuroscience for educators: what are they seeking, and what are they finding?

Hook CJ, Farah MJ. Neuroethics 2013; 6(2): 331-341

<http://link.springer.com/article/10.1007/s12152-012-9159-3>

Ethics in neuroscience curricula: a survey of Australia, Canada, Germany, the UK, and the US

Walther G. Neuroethics 2013; 6(2): 343-351.

<http://link.springer.com/article/10.1007/s12152-012-9168-2>

Is there neurosexism in functional neuroimaging investigations of sex differences?

Fine C. Neuroethics 2013; 6(2): 369-409.

<http://link.springer.com/article/10.1007/s12152-012-9169-1>

Unpacking neuroscience and neurotechnology - Instructions not included: neuroethics required

Giordano J. Neuroethics 2013; 6(2): 411-414.

<http://link.springer.com/article/10.1007/s12152-011-9150-4>

Ethical aspects of computational neuroscience

Tyler D. Bancroft. Neuroethics 2013; 6(2): 415-418.

<http://link.springer.com/article/10.1007/s12152-012-9163-7>

Towards a smart population: a public health framework for cognitive enhancement

Lucke J, Partridge B. Neuroethics 2013; 6(2): 419-427.

<http://link.springer.com/article/10.1007/s12152-012-9167-3>

NEWS

[When Do Babies Become Conscious?](#)

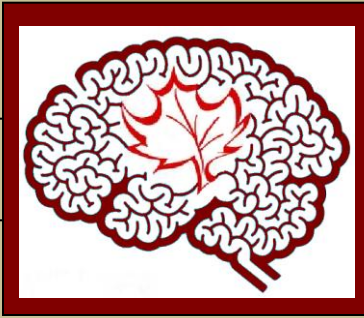
Gabrielsen, P. Wired. April 19, 2013.

[Humans are very stupid – but we're smart enough to know it](#)

Porter, H. The Guardian. April 14, 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

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