

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



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Editorial team

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Events-Événements

Update on 2013 INS Annual Meeting

November 7-8, San Diego, CA

Join the International Neuroethics Society for a public event on “Neurogaming” at the Fleet Science Center in San Diego to kick off its 5th Annual Meeting, November 7, 5:00 PM.

Reception follows.

Topics include the Scientific Basis for Neurogaming, Therapeutic and Educational Purposes for Neurogames, and Ethical Issues for Neurogames.



Speakers are:

C. Shawn Green, Ph.D., University of Wisconsin-Madison,
Adam Gazzaley, M.D., Ph.D., University of California - San
Francisco, and

Jonathon Blow, Independent Game Developer, San Francisco
CA. Make plans for San Diego now.



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Profil/Profile

Julie Robillard, PhD

Julie Robillard, PhD, is a postdoctoral fellow at the National Core for Neuroethics at the University of British Columbia. She holds a BSc in Biological Sciences from Université de Montréal and graduated in 2010 with a PhD in Neuroscience from the University of British Columbia. During her PhD under the supervision of Dr. Brian MacVicar, Dr. Robillard used electrophysiology and imaging techniques to investigate the impact of aging on synaptic plasticity, a cellular model for memory. Following her bench work, Dr. Robillard became interested in tackling the ethical and social implications of neuroscience research, especially with her growing interest in science communications. At the Core, her work has looked at different aspects of the communication of neuroscience ranging from law and neuroscience in the news media to the discussion surrounding gene therapy for the brain in online social media.

Tying her neuroscience communication work with her expertise in aging, Dr. Robillard's current research is situated at the intersection of aging, technology and communications, and focuses on the impact of sharing and accessing health information about aging and dementia through online communities. Aside from her academic work, Dr. Robillard is actively involved with several science outreach initiatives in various communities.

On neuroethics: "I believe neuroethics has become recognized as a necessary and valuable partner to neuroscience research. As the field develops further, we must focus on enhancing the visibility of our partnerships with researchers and policy-makers to ensure neuroethics is integrated upstream of the bench and applied towards a positive societal impact."

References:

- Robillard, J.M., Illes, J. (2011) A link in the ink: mental illness and criminal responsibility in the media. *Journal of Ethics in Mental Health* 6:1-7.
- Robillard, J.M., Federico, C.A., Tairyan, K., Ivinson, A.J., Illes, J. (2011) Untapped ethical resources for neurodegeneration. *BMC Med Ethics* 12:9.

Announcements-Annonces

CALL FOR PAPERS: Can Moral Psychology Replace Ethics? (Tuebingen, Germany)

In recent years, a broad interdisciplinary field of research has emerged that is dedicated to the empirical investigation of human morality. However, this development poses a professional as well as a discursive challenge for not only the field of ethics but also the empirical sciences: Can ethics still maintain a claim of validity despite the fact that empirical research suggests that not reason, but intuition guides human action? Do the participating academic disciplines bear a social responsibility for interdisciplinary and transdisciplinary discussions in this context? The challenges that arise from the controversy surrounding "rationality vs. intuition" for our ethical self-image and practice of decision-making must be explored and discussed.

The symposium will be organized by the International Centre for Ethics in the Sciences and Humanities and will take place **from March 8th-15th, 2014 in Tuebingen**. It is interdisciplinarily oriented and conceptualized for young scholars from the humanities, natural sciences and social sciences (e.g., philosophy, theology, psychology, neuroscience, biology, sociology, law, education, etc.). In addition to basic introductory lectures provided by international experts and thematic workshops, the participants will receive interdisciplinary feedback on their own academic work.

Applications should consist of an abstract in English (500 words), a CV, a publication list and a one-page letter of motivation (in English or German). Applicants should have experience in the field and demonstrate a willingness to engage in an intensive interdisciplinary exchange. **Applications must be submitted by September 15th, 2013** in PDF format to the organizer of the symposium, Dr. Cordula Brand. (cordula.brand@uni-tuebingen.de).

The conference will be held in German and/or English, depending on the constellation of the participants. The contributions will be published in an anthology in English. To ensure a fruitful exchange and a timely release of the volume, participants are requested to submit their contributions by February 2014. **In addition to a one-time allowance of €300, costs of travel and accommodation will be covered.** For more information please visit:

<http://www.izew.uni-tuebingen.de/forschung/ethik-und-bildung/klausurwoche-psychologie-statt-ethik.html>

Announcements-Annonces

Call for Chapters: Global Issues and Ethical Concerns in Human Enhancement Technologies

Editor: Dr. Steven John Thompson (Johns Hopkins University and University of Maryland University College, USA)

Society is struggling with issues regarding rapid advancements in Human Enhancement Technologies (HET), especially in terms of definition, effects, participation, regulation, and control. These are global matters that legislators must sufficiently address, as was evidenced partly by debate within the 2008 European Parliament's Science and Technology Options Assessment (STOA), among other discussions; yet, relevance must not be relegated entirely to scientists, legislators, and lobbyists who may gain power and control at the expense of those parties most affected by these life-changing technologies. Since current and future HET initiatives should be in the best interests of those who will eventually participate, research into critical pragmatic elements of HET must expand beyond government and scientific experimentation for eventual societal adoption to incorporate deeper relevant inquiry from within the humanities.

Objective of the Book

While much of the realm of HET is in a state of growing experimentation, there is benefit to exploring ground that may be covered regarding universal concerns, ethics, objectives, and principles in aspects of HET as viewed through the humanities. This compendium will include contributions of professional researchers and others working with HET issues today and into the future.

Recommended topics include, but are not limited to, the following:

Theory and Definition (Body and Machine, Cyborg Creation, Enhancement and Modification, Uses in Medicine and Science); *Ethics and Philosophy* (Internet Brain Implants and Related Interfaces, Human Rights and Requisite Modification, Human Values and Freedom in Experimentation, Safety Concerns), *Policy and Regulation* (Control and Threat, Corporations, Governments, and Military Axes, Issues in Science, Technology, and Society) *Digitality and Neuronics* (Access, Availability and Privilege, Technological Production and Purposed Results, Ubiquity), *Levels of Participation* (Current Trends, Freedom, Requisite Implementation and Universal Adoption, etc.)

Submission Procedure

Researchers and practitioners are invited to submit on or before **June 15, 2013**, a 2-3 page chapter proposal clearly explaining the mission and concern of the proposed chapter. All authors of accepted proposals will be notified by **July 1, 2013** about status of their proposals and sent chapter guidelines. Full chapters are expected to be submitted by **September 1, 2013**. All submitted chapters will be reviewed on a double-blind review basis. Contributors may also be requested to serve as reviewers for this project.

Publisher: IGI Global (formerly Idea Group Inc.), www.igi-global.com.

Inquiries and submissions can be forwarded electronically to: rhetorist@jhu.edu

Announcements-Annonces

Call for Posters

Collective Agency and Cooperation in Natural and Artificial Systems - International Conference at the University of Stuttgart

Organizer: Prof. Dr. Catrin Misselhorn

Date: July 22-24, 2013

Location: Internationale Begnungsstätte Eulenhof, Robert-Leicht-Str. 161, 70569 Stuttgart

Deadline: June 1

The Institute of Philosophy and the SimTech Cluster of Excellence at the University of Stuttgart invite doctoral and early career researchers to submit posters for presentation at the Collective Agency and Cooperation in Natural and Artificial Systems conference to be held at the University of Stuttgart between 22nd and 24th July 2013.

We are pleased to be able to offer four bursaries (up to 200 € for travel plus accommodation and conference dinner) to doctoral and early career researchers who have submitted their doctoral thesis within the last two years.

To apply please submit an abstract of no more than 500 words to Prof. Dr. Catrin Misselhorn (catrin.misselhorn@philo.uni-stuttgart.de) by June 1st.

For more information please visit the conference website:

<http://www.uni-stuttgart.de/philo/termine/caac>

Registration and contact: Prof. Dr. Catrin Misselhorn (catrin.misselhorn@philo.uni-stuttgart.de).

Book Series: History and Philosophy of Techno-science

We would like to announce a new series of monographs and collected papers. It explores research practice across the disciplines and throughout history by foregrounding its technological setting:

- when the problems to be investigated are themselves the product of science and technology in the modern world,
- when technical and predictive control is sought within the technological infrastructure of models, instruments, measurements, computational methods, and media technologies,
- when research accomplishments change the world materially more so than our thinking about it.

From nanotechnology to the environmental sciences, from alchemy to pharmacy, from solid state physics to human factors research, how are problems defined, what counts as an explanation, how are findings validated, how do values enter in? And most importantly for civic observers of contemporary research: How is robustness and reliability achieved even where we lack theoretical understanding?

Members of the editorial board include Hanne Andersen (Aarhus), Bernadette Bensaude-Vincent (Paris), Martin Carrier (Bielefeld), Graeme Gooday (Leeds), Don Howard (Notre Dame), Ann Johnson (South Carolina), Cyrus Mody (Rice), Maureen O'Malley (Sydney), Roger Strand (Bergen) and Nancy Tuana (Pennsylvania State).

For more information write to Alfred Nordmann or Philip Good or see www.pickeringchatto.com/technoscience

Looking forward to queries, suggestions, and submissions,

Alfred Nordmann (Darmstadt Technical University)
and Philip Good (Pickering & Chatto Publishers)

pgood@pickeringchatto.co.uk

Announcements-Annonces

The Chair of Philosophy of Language and Cognition at the Ruhr University Bochum invites applications for
**A PHD OR POSTDOC STIPENDIARY FELLOWSHIPS in
NEUROPHILOSOPHY / PHILOSOPHY OF MIND & LANGUAGE**

The candidate should have a strong interest in relating empirical methods to philosophical questions regarding mind and language. The successful applicant will be expected to investigate these questions among others with EEG methods. Some background in statistics and eventually some affinity to an empirical or mathematical discipline (psychology, neuroscience, linguistics, physics, biology, computer science, mathematics, engineering etc.) would be welcome.

The position will be filled either with a PhD candidate or a postdoc and will run until 31 December 2015. The position will be part of the international and interdisciplinary Mercator Research Group Structures of Memory. The main language of communication of the Research Group is English.

Depending on qualification, the stipendiary fellowship will match the net income of a

- 50% TV-L E13 position (PhD candidate, approx. 1300€/month),
- 75% TV-L E13 position (advanced PhD candidate/early postdoc, approx. 1700€/month),
- 100% TV-L E13 position (postdoc, approx. 2100€/month), respectively.

Applications should be sent electronically to jobs-mrg1phil@rub.de by **June 15, 2013**, and specify the name of the position and whether a PhD or postdoc stipendiary fellowship is applied for. They should include a statement of interest (not more than one page), a CV, a list of publications, copies of relevant certificates and diploma, one letter of reference and the names of two further referees. We regret that we will not be able to return any submitted material and send out negative notifications.

For further information please visit the webpage <http://www.ruhr-uni-bochum.de/phil-lang> or contact Professor Markus Werning (markus.werning@rub.de) directly.

Journal of Neurotherapy

Investigations in Neuromodulation, Neurofeedback, and Applied Neuroscience

Call for Editor-in-Chief

Deadline for letter of application: July 1, 2013

Routledge is now requesting applications for the editorship of the ***Journal of Neurotherapy: Investigations in Neuromodulation, Neurofeedback and Applied Neuroscience***.

Applications are welcome from individuals who have had some involvement with the journal and from those beyond its community. The candidate should have a high level of commitment to collaborative journal work and the best standards of peer-review publishing, along with significant achievements in this field of scholarship.

The current editor, Dr. Adam Clarke, is finishing his term of office at the end of 2013. The new editorship will, therefore, commence from the first issue of the 2014 volume and will run for three consecutive years. The next editor is expected to begin reviewing manuscripts by September 1, 2013.

For more information about the journal editor's position and responsibilities or to submit an application (i.e., CV and a vision statement), interested parties are encouraged to contact **Amanda Ashworth, Associate Editor**. Visit the journal's website at www.tandfonline.com/wneu.

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Events- Événements



The Society for Applied Philosophy Annual Conference 2013

The Society for Applied Philosophy Annual Conference 2013 will be held at the University of Zurich, Switzerland, 28-30 June 2013.

The event will be an open themed applied philosophy conference (papers will be given covering a wide range of topics in applied philosophy).

Plenary speakers include **Cheshire Calhoun** (Arizona State University), **Fabienne Peter** (University of Warwick), **Rob Reich** (Stanford University), **Shlomi Segall** (Hebrew University of Jerusalem), **Ron Mallon** (Washington University, St. Louis) and **Angela M. Smith** (Washington and Lee University)

Registration

[Registration is currently open](#) and will close on **Friday 7 June 2013**. All attendees must register for the event.

Chair persons

We still require chair persons for some of the sessions. If you are interested in chairing a session/s please contact admin@appliedphil.org with up to three selections from [the conference programme](#) and state how many of these you would be willing to chair. In order to allow more papers on the programme, the chairing role will not include a commentator role this year. Chair persons must hold or have held an academic position in philosophy or have completed or be completing a PhD in philosophy.

Conference programme

[The conference programme](#) is now available for viewing online.

Conference website

Full information about the event can be viewed on [the conference website](#)

SAP Doctoral Scholarships 2013

Applications for the award of [SAP Doctoral Scholarships 2013](#) are now being accepted. Please visit the [funding pages on the SAP website](#) for further information - deadline for submissions is **Monday 22 July 2013**.

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Literature-Littérature

ARTICLES

New national strategy on prescription drug abuse.

Miller A. CMAJ May 13, 2013 185:E330; published ahead of print April 8, 2013.

<http://www.cmaj.ca/content/185/8/E330.full.html?etoc>

Moral perspectives on stimulant use by healthy students.

Verster GC, van Niekerk AA. S Afr Med J. 2012 Oct 22;102(12):909-11.

Ethical challenges in mental health research among internally displaced people: ethical theory and research implementation.

Siriwardhana C, Adikari A, Jayaweera K, Sumathipala A. BMC Med Ethics. 2013 Mar 12;14:13.

The urgent need for ethical guidelines to protect children in the dissemination of research findings.

Mudaly N, Goddard C. Child Abuse Negl. 2012 Nov-Dec;36(11-12):798-9.

The ethics of research in compulsory drug detention centres in Asia.

Pearshouse R, Amon JJ. J Int AIDS Soc. 2012 Dec 5;15(2):18491.

The speed of morality: a high-density electrical neuroimaging study.

Decety J, Cacioppo S. J Neurophysiol. 2012 Dec;108(11):3068-72.

Addiction industry studies: understanding how proconsumption influences block effective interventions.

Adams PJ. Am J Public Health. 2013 Apr;103(4):e35-8.

Compulsory treatment and patient responsibility.

Arya D. Australas Psychiatry. 2012 Dec;20(6):472-7.

The use of high frequency oscillations to guide neocortical resections in children with medically-intractable epilepsy: how do we ethically apply surgical innovations to patient care?

Ibrahim GM, Fallah A, Snead OC 3rd, Drake JM, Rutka JT, Bernstein M. Seizure. 2012 Dec;21(10):743-7.

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Literature-Littérature



Authenticity and autonomy in deep-brain stimulation.

Wardrope A, J Med Ethics. 2013 May 22. [Epub ahead of print]

<http://jme.bmj.com/content/early/2013/05/21/medethics-2013-101419.long>

Publication Bias, with a Focus on Psychiatry: Causes and Solutions.

Turner EH. CNS Drugs. 2013 May 22.

Survivors' experiences of media coverage after traumatic injury events.

Englund L, Forsberg R, Saveman BI. Int Emerg Nurs. 2013 May 15.

Psychotherapy is an ethical endeavor: Balancing science and humanism in clinical practice.

Allen JG. Bull Menninger Clin. 2013 Spring;77(2):103-31.

NEWS

Broccoli sprouts may prevent cerebral palsy, research suggests

Verstraten K, Special To The Vancouver Sun May 21, 2013

<http://www.vancouver.sun.com/news/Broccoli+sprouts+prevent+cerebral+palsy+research+suggests/8412041/story.html#ixzz2U1c4LhN5>

Thought xperiment: Build a Supercomputer Replica of the Human Brain

Keats J. Wired. May 14 2013.

Mild electric shocks to brain may help students solve maths problems

Sample I. The Guardian. May 16 2013.

How an Entirely New, Autistic Way of Thinking Powers Silicon Valley

Grandin T, Panek R. Wired. May 23 2013.

Let's Put Our Heads Together and Think About This One: A Primer on Ethical Issues Surrounding Brain-to-Brain Interfacing

Trimper J. The Neuroethics Blog. May 28 2013.

Is grief a mental illness? Critics call out changes in revised DSM guidebook

Tanner L. The Associated Press. May 15 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

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

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.