



# April 2007 Newsletter

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## Announcements



Membership in the **The Neuroethics Society** is over 200 and growing fast. To join and for more information, please visit <http://www.neuroethicssociety.org/>



The first issue of **AJOB Neuroscience** (V.7.1) is out. V.7.5 is forthcoming. To contribute to future issues or for more information please contact, Judy Illes, Editor – [illes@stanford.edu](mailto:illes@stanford.edu) or visit <http://editorial.bioethics.net>

The **Journal of Cognitive Neuroscience** invites submissions of an empirical or analytic nature addressing key issues in neuroethics. Please address inquiries to [mfarah@psych.upenn.edu](mailto:mfarah@psych.upenn.edu)

The deadline to sponsor or submit an abstract for **The Society for Neuroscience 2007 Meeting** is May 4, 2007. The annual meeting will be held November 3-7 in San Diego, California.

The **International Neuroethics Network** is seeking representatives from countries that have not previously participated in the Network. These countries include, but are not limited to, Finland, Israel, China, and Turkey. For more information, please contact: [Aeberhart@cihr-irsc.gc.ca](mailto:Aeberhart@cihr-irsc.gc.ca)

The **NIMH Council Workgroup's** report on "MRI Research Safety and Ethics: Points to Consider" is available at their website: <http://www.nimh.nih.gov/council/advis.cfm> under "Recent Council Reports".

## Update



Judy Illes and Hank Greely hosted a successful **Brain Awareness Week** event at Stanford, sponsored by the Neuroethics Society, the Stanford Program in Neuroethics, and the Neuroscience Institute at Stanford. The free screening of *Eternal Sunshine of the Spotless Mind* was followed by a discussion, with full audience participation, both about the mental health benefits and ethical and legal perils of memory erasure.

The Stanford Neuroethics Newsletter seeks to disseminate the most up-to-date information relating to neuroethics worldwide. We welcome your announcements including relevant newspapers, books, talks, awards and conferences. The deadline for submitting material for the next newsletter is

Friday, May 11, 2007. Please email [vchin1@stanford.edu](mailto:vchin1@stanford.edu)

Back copies of the newsletter can be found on our website: <http://neuroethics.stanford.edu>.

## Advances in International Neuroethics



Successful Neuroethics Panel at the 8th Asian Bioethics Conference!  
(submitted by Tamami Fukushi)

On Tuesday March 20, 2007, Dr. Tamami Fukushi and Dr. Osamu Sakura (Neuroethics Research Group at RISTEX, JST; Japan Science & Technology Agency) co-chaired a panel session focusing on Neuroethics at the 8th Asian Bioethics Conference (ABC2007). The session was entitled "Asian Perspectives on Neuroethics: Can Neuroscience Contribute to the Peace and Health of Human Beings?"

The first presentation by Tamami and Osamu covered the "Current Status of Neuroethics: International Frontier and Asian Perspectives." Dr. Jayapaul Azariah, chair of Indian Bioethics Association and president of the Asian Bioethics Association, spoke about "Neuroethics: Pathetic Pleasure and Persistent Pain." His presentation dealt with the addiction case reports related to neuropsychiatry and neuroethics. Dr. Daofen Chen, on audio power point from Bethesda, Maryland, presented "Toward a Clearer Understanding of the Multi-Cultural Perspectives Concerning Pressing Neuroethical Issues". In that talk, Daofen introduced the current topics of neuroethics and the public engagement issue in the USA. The audience showed great interest in this new field on behalf of the Asian Bioethics community and Dr. Darryl Macer, a regional adviser in Social and Human Sciences in Asia and the Pacific, UNESCO, expressed his commitment to facilitate neuroethics in the Asia and Pacific region. For more information, contact Tamami Fukushi, Ph.D. fks@ristex.jst.go.jp or URL <http://www.stc.arts.chula.ac.th/ABC2007/>

## Events of Interest

**April 20-21, 2007:** "From the Brain to Human Culture: Intersections between the Humanities and Neuroscience" - an interdisciplinary conference sponsored by the Comparative Humanities Programs at Bucknell University. Bucknell University. Lewisburg, PA, USA. Conference calls for papers. For more information, please contact Prof. John Hunter: [jchunter@bucknell.edu](mailto:jchunter@bucknell.edu).

**April 23, 2007:** Inaugural lecture of the Montreal Neuroethics Network-- "Chronic disorders of consciousness: medical and ethical issues" – Dr. James Bernat. Institut de recherches cliniques de Montréal, 110 ave des Pins. Jacques-Genest auditorium. For more information on this lecture and the Montreal Neuroethics Network, please contact Dr. Eric Racine at [eric.racine@ircm.qc.ca](mailto:eric.racine@ircm.qc.ca).

**April 26, 2007:** London & Stanford. 7-8:30 pm GMT, 11-12:30pm PST. The Dana Centre in London, England will host an event on regulating neurotechnology at which leading experts on ethics, brain imaging, and stem cells will discuss emerging controversial, yet promising areas of neuroscience with the public. A live link to Stanford will bring US and UK perspectives together in discussion and debate. This public event is being organized by the European Dana Alliance for the Brain and King's College London and follows the same theme of the TELOS Conference (April 7,8).

**"Chronic disorders of consciousness: medical and ethical issues"**

**Dr. James Bernat**  
Dartmouth Medical Center  
Hanover, NH

Date : Monday April 23, 2007  
Time : from 11:30 to 12:30  
Location : Institut de recherches cliniques de Montréal, 110 ave des Pins  
Room : Jacques-Genest Auditorium

Dr. James Bernat has been for over twenty years at the forefront of discussions on the ethical implications of neurology. He is a renowned expert in end-of-life issues and the author of the seminal book *Ethical Issues in Neurology*. He is the Director of the Program in Clinical Ethics at Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire.

The Montreal Neuroethics Network promotes neuroethics training, education and dialogue by engaging various audiences. Its neuroethics events, featuring collaboration and mutual learning, and ensure Montreal's leadership in addressing ethical and social issues in neuroethics and healthcare delivery through interdisciplinary approaches.

**The Montreal Neuroethics Network**  
in collaboration with the IRCM  
Presents the following inaugural talk, open to all



Hubert H. Humphrey Center, University of Minnesota

**SPECIAL EVENT:**

**May 1, 2007: "Managing Incidental Findings in Human Subjects Research: From Imaging to Genomics" Conference.** Cowles Auditorium, Hubert H. Humphrey Center, University of Minnesota. 8:00 am – 5:00 pm. Presentations will focus on incidental findings, genetics research, genomics, neuroimaging, and CT colonography research. For more information, please visit: <http://www.lifesci.consortium.umn.edu/conferences/incidentalfindings.php>

**May 2, 2007:** Book presentation of the study "Intervening in the Brain. Changing Psyche and Society" -- Berlin-Brandenburgische Akademie der Wissenschaften (BBAW). Berlin, Germany. For more information on the event please contact [friederike.wuetscher@ea-aw.de](mailto:friederike.wuetscher@ea-aw.de) or visit the website: [www.ea-aw.de](http://www.ea-aw.de). Information on the book can be found at: <http://www.springer.com/dal/home/generic/search/results?SGWID=1-40109-22-173682119-0>

**May 4, 2007:** Neurocognition of Developmental Language Disorders: CBBC Workshop at Georgetown. For more information, please visit <http://cbbc.georgetown.edu/workshops/2007DLD.html>

**May 11-13, 2007:** Neural Systems of Social Behavior Conference. Hilton Hotel in Austin, Texas. For more information, please email Dr. Jennifer Beer at [jbeer@ucdavis.edu](mailto:jbeer@ucdavis.edu) or visit <http://mindbrain.ucdavis.edu/content/Labs/Beer/Conference-Invited%20Speakers>.

**May 23-25, 2007:** The Canadian Association for Neuroscience will hold its first annual meeting at the 89 Chestnut Conference Centre, University of Toronto. The meeting will include plenary presentations, symposia, and poster presentations. For details, please visit [www.can-acn.org/Pub/Pub\\_Main\\_Display.asp?LC\\_Docs\\_ID=2121](http://www.can-acn.org/Pub/Pub_Main_Display.asp?LC_Docs_ID=2121).

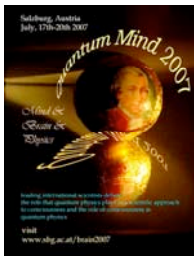
**June 1, 2007:** "Neuroethics Breakfast and Information Session" at the upcoming Canadian Bioethics Society Annual Meeting (Toronto Marriott Downtown Eaton Centre). The session is organized by The Neuroethics Research Unit of the Institut de recherches cliniques de Montréal in collaboration with the Neuroethics Society. For additional information, please contact Dr. Eric Racine at: [neuroethics@ircm.qc.ca](mailto:neuroethics@ircm.qc.ca)

**July 17-20, 2007:** Quantum Mind 2007. University of Salzburg, Austria. For more information, visit <http://www.sbg.ac.at/brain2007/>

**July 30-31, 2007:** "Why Bioethics? Our research in context" – 2<sup>nd</sup> Annual Postgraduate Conference in Bioethics. King's College, Cambridge. The conference calls for empirical or theoretical papers. For full details and registration form, please visit <http://www.crassh.cam.ac.uk/events/2006-7/bioethics.html>



King's College, Cambridge – the venue for the 2<sup>nd</sup> Annual Postgraduate Conference in Bioethics

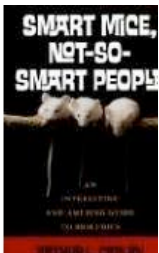


**Books and Special Volumes of Interest**

**"Intervening in the Brain: Changing Psyche and Society"** by Merkel, R., Boer, G., Fegert, J., Galert, T., Hartmann, D., Nuttin, B., and Rosahl, S. Springer, April 19, 2007.

**"The Brain that Changes Itself"** by Norman Doidge. Viking Adult, 2007.

**"Neuroethics: Challenges for the 21<sup>st</sup> Century"** by Neil Levy. Cambridge University Press, 2007.



**"Hard Science, Hard Choices: Facts, Ethics, and Policies Guiding Brain Science Today"** (Dana Press - Dana Foundation Series on Neuroethics) by Sandra Ackerman. Dana Press, 2006.

**"Smart Mice, Not-So-Smart People: An Interesting and Amusing Guide to Bioethics"** by Caplan, A.L. Rowman & Littlefield Publishers, 2006.

**"Moral Minds"** by Marc D. Hauser. Ecco (HarperCollins). New York, 2006.

**"Social Neuroscience: People Thinking About Thinking People"** by John T. Cacioppo, Penny S. Visser, and Cynthia L. Pickett, Eds. MIT Press, 2006.



**"Shattered Nerves: How Science is Solving Modern Medicine's Most Perplexing Problem"** by Chase, V. John Hopkins University Press, 2006.

**"Mind Wars: Brain Research and National Defense"** by Moreno, J.D. Dana Press, 2006.

**"Neuroethics: Defining the Issues in Theory, Practice and Policy"** by Illes, J. (Ed.) Oxford University Press, 2006. Reviews by Barbara Sahakian in *Psychological Medicine*, 2007 and Richard Ashcroft in *Lancet Neurology*, 2006

## Journal Articles of Interest

"Although neurotechnologies clearly promise significant benefits in diverse applications, their increasing adoption is likely to prompt further reexamination of existing concepts of mental health and illness as well as pose questions concerning infringement of an individual's right to privacy, autonomy, and identity." –Eaton and Illes in "Commercializing cognitive neurotechnology—the ethical terrain"

Appelbaum, P.S. (2007) Law & psychiatry: the new lie detectors: neuroscience, deception, and the courts. *Psychiatr Serv.* 58(4):460-2.

Eaton, M.L. and Illes, J. (2007) Commercializing cognitive neurotechnology—the ethical terrain. *Nat Bioethnol.* 25(4):393-7.

Illes, J., Rosen, A., Greicius, M., Racine, E. (2007) Prospects for prediction: ethics analysis of neuroimaging in Alzheimer's disease. *Ann NY Acad Sci.* 1097: 278-95.

Illes, J. and Chin, V. (2007) Trust and reciprocity: foundational principles for human subjects imaging research. *Can J Neurol Sci.* 34(1): 3-4.

"Special Section on Neuroethics" in the *Cambridge Quarterly of Healthcare Ethics.* 16(2): 125-128. Contributing authors are Judy Illes, Eric Racine, Anjan Chatterjee, Kathinka Evers, Jocelyn Downie, Jennifer Marshall, William J Winslade, Robert H. Blank, HZ Adriaan Van der Loos, Françoise Baylis, Andrew Fenton, Jason Scott Robert, and Hubert Doucet.

Jabbi, M., Swart, M., Keysers, C. (2007) Empathy for positive and negative emotions in the gustatory cortex. *Neuroimage.* 34(4):1744-53.

Racine, E., Waldman, S., Palmour, N., Risse, D., Illes, J. (2007) Currents of Hope": Neurostimulation Techniques in U.S. and U.K. Print Media. *Cambridge Quarterly of Healthcare Ethics*. 16: 314-318.

(and something a little different) Dalley J.W., Fryer T.D., Brichard L., Robinson E.S., Theobald D.E., Lääne K., Pena Y., Murphy E.R., Shah Y., Probst K., Abakumova I., Aigbirhio F.I., Richards H.K., Hong Y., Baron J.C., Everitt B.J., Robbins T.W. (2007) Nucleus accumbens D2/3 receptors predict trait impulsivity and cocaine reinforcement. *Science*. 315(5816):1267-70.

## In the News

"It would seem that propranolol—like virtually everything else invented by man—has a short-term upside and a long-term consequence. The small picture provides benefits for victims of genuine pain; the big picture suggests a confused society that consciously elects to expunge the pain that makes us human. But perhaps there is a third picture that's even bigger: Do people have the right to create their reality? Who gets to decide the size of someone's life?" —Chuck Klosterman in "Amnesia is the new bliss"

**"Brain absorbs subliminal messages – if not too busy"** *The Guardian*, March 9, 2007. <http://www.guardian.co.uk/medicine/story/0,,2029730,00.html>

**"Facing Life With a Lethal Gene"** *NYTimes*, March 18, 2007. <http://select.nytimes.com/gst/abstract.html?res=FA0B15FC3D540C7B8DDDA0894DF404482>

**"Full-Mental Nudity: The Arrival of Mind-Reading Machines"** *Slate*, March 20, 2007 <http://www.slate.com/id/2161936/?GT1=9231>

**"Study Finds Brain Injury Changes Moral Judgment"** *NYTimes*, March 21, 2007. <http://www.nytimes.com/2007/03/21/health/21cnd-brain.html?ex=1332129600&en=aa03e4a1c7a9ffd3&ei=5088&partner=rssnyt&emc=rss>

**"Moral Dilemma? Brain tells right from wrong"** *Reuters*, March 22, 2007. <http://www.abc.net.au/science/news/stories/2007/1878563.htm?health>

**"Amnesia is the new bliss: A breakthrough drug can erase your worst memories – but not everyone thinks you have the right to take it."** *Esquire*, April 1, 2007. <http://men.msn.com/articlees.aspx?cp-documentid=4219207>

## Links of Interest

**Stanford's Program in Neuroethics:** <http://neuroethics.stanford.edu>

**Neuroethics for Kids:** <http://faculty.washington.edu/chudler/neuroe.html>

**Neuroethics Net:** <http://neuroethics.ca>

**UPenn Neuroethics:** <http://www.neuroethics.upenn.edu/>

**Neuroethics & Law Blog:** <http://kolber.typepad.com/>

**BrainEthics Blog:** <http://brainethics.blogspot.com/>

**Neuroethics (Dalhousie University):** <http://neuroethics.ca>

**Novel Tech Ethics:** <http://www.noveltechethics.ca/>

**Neuroethics Research Unit:** [www.ircm.qc.ca/neuroethics/en](http://www.ircm.qc.ca/neuroethics/en)

**The Dana Foundation:** <http://www.dana.org/>

**The Greenwall Foundation:** <http://www.greenwall.org/>

**World Health Organization- Ethics & Health:**

<http://www.who.int/ethics/events/date/2005/en/>



<http://neuroethics.ca>