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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

Events-Événements

There are still a few positions available for...

The 2013 Zurich Spring & Summer School in Neuroethics

Progress in understanding the human brain poses various ethical problems: How can neuroscientific research with animals and humans be conducted in a responsible way? What are the practical consequences of increasing insights on neurobiological causes for behavioral disorders? Should we use neuroscientific knowledge to enhance our brains and minds? Does neuroscientific research on human moral behavior change our understanding of ethics? These are some of the questions Neuroethics deals with. In the Zurich Spring & Summer School students will get an overview, insights and competences in this emerging field.

The *Zurich Spring and Summer School in Neuroethics* are two coupled events. In the Spring School (April 2nd to 5th 2013), students will get an introduction in the field by a leading international expert, Judy Illes, together with a teaching team of researchers working in neuroethics. In addition, students will participate in a workshop, where neuroscientific researchers from various fields present and discuss ethical issues of their work. In the Summer School (June 3rd to 7th 2013), the students will expand their expertise in various site visits and meet leading researchers of the Neuroscience Center Zurich, the joint competence center of ETH and University of Zurich unifying 800 neuroscientists. The students are encouraged to summarize their findings and insights gathered during the spring and summer school for poster contributions to the 2013 International Neuroethics Society Meeting.

All students with interests in neuroethics are invited to apply for the Zurich Spring and Summer School in Neuroethics, preference will be given to PhD students working in fields related to neuroscience, neurology, psychiatry and/or ethics of the Universities Basel and Zurich. It is expected, but not mandatory, that students participate in both schools. A total of 15 to 20 students are envisaged to form the school, no fees apply. The School is part of the PhD Program in Biomedical Ethics and Law of the Universities Basel and Zurich.

Participating in the school equals 3 ECTS points.

Please send your application (CV and a short letter/e-mail of motivation) both to Laura Cabrera (<u>laura.cabrera@unibas.ch</u>) and Markus Christen (<u>christen@ethik.uzh.ch</u>).

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Profil/Profile

S.Matthew Liao, PhD

S. Matthew Liao is the Director of the Bioethics Program, Associate Professor in the Center for Bioethics, and Affiliated Professor in the Department of Philosophy at New York University. He has published over 40 articles in philosophy and bioethics on a wide range of topics including the ethics of memory modifications and mood enhancement. He is currently editing a volume on the significance of neuroscience for morality. Liao obtained his doctorate in philosophy from Oxford University and was Deputy Director (Program on the Ethics of the New Biosciences, Oxford, 2006-2009), Harold T. Shapiro Fellow (Center for Human Values, Princeton, 2003-2004), Greenwall Fellow (Johns Hopkins) and Visiting Researcher (Kennedy Institute of Ethics, Georgetown, 2004-2006).

An issue neuroethics should address is how we can improve our moral judgments. In the past decade, social psychologists, cognitive scientists and neuroscientists have documented numerous ways in which moral judgments are unconsciously shaped by self-serving biases and brute affective responses, with little input from conscious processes. It is critical to examine how we might implement findings about normative bias to enhance moral reasoning and what ethical principles and constraints should govern the attempt to improve our moral judgments using neural interventions.

Selected publications include:

Liao, S. Matthew, and A. Sandberg. "The Normativity of Memory Modification." Neuroethics (2008).

Wasserman, D., and S. Matthew Liao. "Issues in the Pharmacological Induction of Emotions." Journal of Applied Philosophy (2008).

Liao, S. Matthew. "Bias and Reasoning: Haidt's Theory of Moral Judgment." In New Waves in Ethics, edited by Thom Brooks. Palgrave Macmillan, 2011.

ZAGREB APPLIED ETHICS CONFERENCE 2013 Zagreb · Croatia · 12-14 June 2013

CALL FOR PAPERS

The Society for the Advancement of Philosophy (<u>www.upf.hr</u>) and Center for Croatian Studies of the University of Zagreb (<u>www.hrstud.unizg.hr/philosophy</u>) are organizing the ZAGREB APPLIED ETHICS CONFERENCE 2013 (ZAEC 2013).

The aim of the conference is to gather philosophers and scholars from other disciplines primarily, but not exclusively, from Central and Southeastern Europe who will present papers on various topics in contemporary applied ethics, ranging from particular case studies to more general (foundational and methodological) considerations. In keeping with the intention to promote rational and critical approach to, and public understanding of, the work in applied ethics, we encourage clearly structured submissions adhering to the principles of conceptual rigor, soundness of argumentation and scientific accuracy.

The plenary lectures at the conference will be given by:

Professor JOHN HARRIS (University of Manchester – Institute for Science, Ethics and Innovation)

Professor INGMAR PERSSON (University of Gothenburg – Department of Philosophy, Linguistics and Theory of Science)

Professor LUKAS MEYER (University of Graz – Department of Philosophy).

We invite you to participate in the conference with a paper presentation no longer than 20 minutes

(each presentation will be followed by 10 minutes discussion). If you wish to present a paper in the

conference, please fill in the attached Application Form and send it to <u>upf@hrstud.hr</u> no later than

1 April 2013. The official language of the conference is English. Only one paper submission per person is allowed. No registration fee will be charged. Notification of acceptance will be sent to authors by 15 April 2013. The conference will take place at the Center for Croatian Studies of the University of Zagreb, located in the Borongaj Campus (<u>www.borongaj.unizg.hr</u>). The organizers areunable to cover for the expenses of travel and accommodation (for useful info on accommodation in Zagreb see <u>www.zagreb-touristinfo.hr</u>).

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We are looking forward to your applications!

Kind regards,

ORGANIZING COMMITTEE OF THE CONFERENCE Tomislav Bracanovic, President · Ana Butkovic · Dusan Dozudic · Tomislav Janovic Tvrtko Jolic · Karolina Kudlek, Secretary · Lovorka Madjarevic

Max Planck Institute of Neurobiology, Martinsried Junior Fellows (f/m) in Brain Research

The Max Planck Society and the <u>Hebrew University</u> have established a new Center for *Sensory Processing of the Brain in Action,* which will support collaborative research between the

Edmond and Lily Safra Center for Brain Sciences (ELSC) in Jerusalem and the Max Planck Institute (MPI) of Neurobiology in Martinsried. This is to announce a call for applications for the Max-Planck Hebrew University Junior Fellows Program in Brain Research (January 2013). The Center's goal is to advance our understanding of the neural mechanisms of sensory processing in its behavioral context.

For further information about the Center please visit the <u>Center's website</u>. *Our offer*

To meet its goals the Center has established a **Junior Fellows Program**. Each Junior Fellowship is a three-year position (renewable up to five years) for independent experimental and/or theoretical research in topics such as functional modules of sensory systems and their integration (cells, synapses, dendrites, local circuits), experience-dependent adaptation and plasticity, behavioral modulation of sensory processing, and sensory-motor loops.

The Junior Fellow will establish his/her research program either at ELSC (Jerusalem) or/and at the MPI (Martinsried). It should be within the broadly defined interest and context of the research groups mentioned above. Fellowships include, in addition to a comfortable monthly compensation, a budget for equipment, for the support of a graduate student, and for travel between the Israeli and German sites. Fellows are expected to facilitate the collaboration between the two institutions and to participate in video-conferenced seminars, periodic meetings, and joint advanced courses. They will be jointly mentored by Israeli and German Principal Investigators and will benefit from the excellent scientific and technical infrastructure, as well as the exciting intellectual atmosphere in ELSC and MPI. Candidates must have advanced training in either experimental or computational neuroscience.

Your application

Interested candidates are invited to send their CV as well as a short research statement to Prof. Tobias Bonhoeffer (tobias.bonhoeffer@neuro.mpg.de)

and to Prof. Idan Segev (idan@lobster.ls.huji.ac.il) and to solicit three letters of reference to be sent to the above addresses.

The Max Planck Society seeks to increase the number of women in areas, where they are under-represented, and therefore explicitly encourages women to apply. Handicapped applicants with equal qualifications will be given preferential treatment.

Max-Planck-Institut für Neurobiologie

Am Klopferspitz 18, 82152 Martinsried, Germany

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CREUM - 2013-2014 Postdoctoral fellowships

The University of Montreal's Centre de recherche en éthique (CREUM) is inviting applications of postdoctoral researchers in ethics, for residential fellowships which can vary in length according to individual circumstances. Applicants are expected to have at least a working knowledge of French.

The Centre de recherche en éthique de l'Université de Montréal (CREUM) will offer to its fellows: a postdoctoral grant of 3 000\$ per month, an individual workstation, access to the services of the University of Montreal (libraries, sports center, etc.), and assistance for material organisation of the stay. In return, the fellows are expected to pursue their research project and to participate in the Center's activities (conferences, seminars, lectures). Application deadline: April 30th, 20013. In order to apply, candidates must have obtained their Ph.D. after April 30 2008 or submitted their thesis before September 1st 2013. International applicants must have defended their thesis before September 1, 2013.

For more information, please visit http://www.creum.umontreal.ca/

New Round of Newton International Fellowships Announced

A new round of Newton International Fellowships - an initiative to fund research collaborations and improve links between UK and overseas researchers - has now opened. The Newton International Fellowships are funded by the British Academy and the Royal Society and aim to attract the most promising early-career post-doctoral researchers from overseas in the fields of the humanities, the natural, physical and social sciences.

The Fellowships enable researchers to work for two years at a UK research institution with the aim of fostering longterm international collaborations. Newton Fellows will receive an allowance of £24,000 to cover subsistence and up to £8,000 to cover research expenses in each year of the Fellowship. A one-off relocation allowance of up to £2,000 is also available. In addition, Newton Fellows may be eligible for follow-up funding of up to £6,000 per annum for up to 10 years following completion of the Fellowship to support activities which will help build long-term links with the UK. The scheme is open to post-doctoral (and equivalent) early-career researchers working outside the UK who do not hold UK citizenship.

Applications are to be made via the Royal Society's online application system which is available at http://email.britac.ac.uk/_act/link.php?mld=A87688863971045645416866552521&tId=10521441

The closing date for applications is Wednesday 10 April 2013. Further details are available from the Newton International Fellowships website: www.newtonfellowships.org

Fellowships for Postdoctoral Training

Several opportunities are available for scientists who want postdoctoral research training and professional development opportunities. The majority of Fellowships offer a one-year training opportunity in the United States with a NIDA-supported drug abuse researcher. Actual details vary for each Fellowship.

INVEST Drug Abuse Research Fellowship

Provides 12 months of postdoctoral drug abuse research training with an established NIDA-supported scientist at a U.S. institution.

INVEST/Clinical Trials Network (CTN) Drug Abuse Research Fellowship

Provides 12 months of postdoctoral training in the United States with a scientist affiliated with 1 of the 13 CTN Regional Research and Training Centers.

U.S.-Mexico Drug Abuse Prevention Research Fellowship

Provides 12 months of postdoctoral drug abuse prevention research training for Mexican researchers with an established NIDA-supported scientist at a U.S. institution.

NIDA-International AIDS Society (IAS) Research Fellowship in HIV and Drug Use

Provides 18 months of postdoctoral training at a leading research institute with a mentor who is an expert in the fields of HIV and drug abuse research.

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Announcements-Annonces

7th Annual Postgraduate Bioethics Conference King's College London, 22-24 May 2013

Call for Abstracts: Bioethics in Law and Public Policy

The convenors of the **7**th **annual Postgraduate Bioethics Conference** invite doctoral students working in any area of bioethics to submit abstracts for this year's conference, which will take place on **22-24 May 2013** at **King's College London**. In accordance with the theme of this year's conference, we would particularly welcome papers that explore the law and/or policy dimensions of bioethics scholarship. We hope that the papers presented at PGBC 2013 will relate not only to the ethical implications of a particular issue, but also to the additional problems raised by the responses to ethical issues fashioned by laws and policies.

Please submit your abstracts to <u>postgrad.bioethics@outlook.com</u>. Abstracts should be in English, no more than 300 words, and in Word or preferably PDF format. Please note that you must be a registered PhD student, and we will only accept abstracts sent from a valid institutional email address.

The deadline for abstract submissions is 31 March 2013. Successful applicants will be notified by email by 10 April 2013. There will be an opportunity for unsuccessful applicants and those not wishing to give a paper to register as attendees (for free!) in April.

More information on PGBC 2013 is available at <u>postgradbioethics.org</u>. We are also on twitter (<u>twitter.com/pgbc2013</u>) and facebook (<u>facebook.com/postgradbioethics</u>). Please contact us via social media or email (<u>postgrad.bioethics@outlook.com</u>) with any questions.

Berlin School of Mind and Brain

Deadline: 11 March 2013 We are advertising the following four postdoctoral positions (stipend-based):

Perception, attention, consciousness; 2. Bounded rationality; 3. Language;
4. Lifespan development and brain plasticity

Positions are to start as soon as possible. Positions are available for 2 years from individual starting date Paid teaching assignments are available for up to 1800 euro per year (some teaching at Master's level is requested)

Further information how to apply: http://www.mind-and-brain.de/postdoctoral-program/jobs/

The Department of Humanities and Social Sciences of the Karlsruhe Institute of Technology (KIT) announces the following position at the Institute of Philosophy at the earliest possible date:

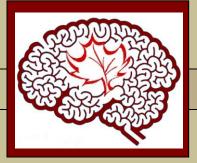
Full/Senior-Professorship in Practical Philosophy

The applicant is expected to represent the entire field of practical philosophy in research and teaching, in regard of both its historic as well as its systematic dimensions. Research expertise is, in addition, desirable in the area of applied ethics (e.g., business ethics or ethics of technology). Besides, applicants should already have collaborated in interdisciplinary projects (in research and teaching) as well as have international experience.

Furthermore, the successful candidate should contribute to shaping and establishing the ITZ (Center for Technology Futures). The ITZ aims at integrating research in philosophy of technology, philosophy of science, history of science and technology assessment. Applicants should have a degree in philosophy with a major in practical philosophy or ethics, an outstanding doctorate as well as experience in obtaining third-party funds.

Applications with the usual documents and information including previous and planned research work and teaching activity shall be sent in written and electronic form until 22.03.2013 to:
Karlsruher Institut für Technologie (KIT), Dekanat der Fakultät für Geistes- und Sozialwissenschaften Kaiserstraße 12, D-76131 Karlsruhe, E-Mail: dekanat@geistsoz.kit.edu
For further information contact: Prof. Dr. Andreas Böhn, email: andreas.boehn@kit.edu
See also: http://www.pse.kit.edu/karriere/567.php

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Events- Événements

Lecture series Critical Neuroscience: Ethics, Philosophy, Politics and Policies

Organised by the <u>Centre for Critical Philosophy</u> of the University of Ghent together with the Doctoral School of Arts, Humanities and Law & Doctoral School of Social and Behavioural Sciences, Ghent University, and in close cooperation with the University of Antwerp (UA), the University of Leuven (KU Leuven) and the Free University of Brussels (ULB). Workshops for PhD students (as a specialist course http://www.ugent.be/doctoralschools/en/doctoraltraining/courses/specialistco urses/ahl/2012-2013-critical-neuroscience.htm) and evening lectures which are open for the public.

Thursday, 7 March 2013

19:30-21:30: Lecture by Dr. <u>Marc De Kesel</u> (Artevelde Gent/KU Leuven/Radboud Nijmegen): *Neuroscience as Ideology Critique*; Response by Dr Jan De Vos

Thursday, 21 March 2013

19:30-21:30: Lecture by Prof <u>Ariane Bazan</u> (UL Bruxelles): *The case of jouissance contra neural plasticity. Pleading mental causality in favor of an ethics of subjective liability*; Response by Prof Andreas De Block

Thursday, 18 April 2013

19:30-21:30: Lecture by Prof <u>Jan Slaby</u> (Free University Berlin): *The Philosophy of 'Critical Neuroscience'*; Response by Prof Peter Reynaert

Thursday, 2 May 2013

19:30-21:30: Lecture by Prof <u>Aikaterini Fotopoulou</u> (King's College London): Between the Two Cultures: Neuroscientific Research on the Bodily Ego; Response by Prof Helena De Preester

Thursday, 23 May 2013

19:30-21:30: Lecture by Prof <u>Vittorio Gallese</u> (University of Parma): *From mirror neurons to Embodied Simulation. A second-person approach to intersubjectivity*; Response by Prof Ariane Bazan

Venue: Lecture theatre Auditorium B, Faculty of Arts and Philosophy, Blandijnberg 2, Gent **Contact:** Jan De Vos, <u>JanR.DeVos@ugent.be</u>

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Literature-Littérature

ARTICLES

Neuromodulation in the service of moral enhancement Baertschi B, Brain Topography 2012 [Epub ahead of print].

"Media, politics and science policy: MS and evidence from the CCSVI Trenches" Pullman D, Zarzeczny A, Picard A. BMC Medical Ethics 2013, 14:6.

'I'm more sick than my doctors think': ethical issues in managing somatization in developing countries Chandra PS, Satvanaravana VA, Int Rev Psychiatry, 2013 Feb:25(1):77-85

Chandra PS, Satyanarayana VA. Int Rev Psychiatry. 2013 Feb;25(1):77-85.

Non-pharmacological cognitive enhancement

Dresler M, Sandberg A, Ohla K, Bublitz C, Trenado C, Mroczko-Wąsowicz A, Kühn S, Repantis D. Neuropharmacology. 2013 Jan;64:529-43.

Using monkeys to understand and cure Parkinson disease Redmond DE Jr. Hastings Cent Rep. 2012 Nov-Dec;Suppl:S7-S11.

Children's mental health

Mitka M. JAMA. 2013;309(6):535

Neurostimulation for Parkinson's disease with early motor complications Schuepbach WNM et al. N Engl J Med 2013;368:610-22.

A second honeymoon for Parkinson's disease?

Tanner CM. N Engl J Med 2013; 368:675-6.

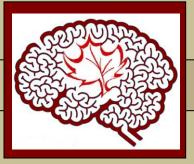
APOE E4 carriers show prospective memory enhancement under nicotine, and evidence for specialisation within medial BA10 Evans S et al. Neuropsychopharmacology (2013) 38, 655–663

Imprisoning the mentally ill Stall N. CMAJ 2013; 185:201-2.

Five ethical and clinical challenges psychiatrists may face when treating patients with borderline personality disorder who are or may become suicidal Howe E. Innov Clin Neurosci. 2013 Jan;10(1):14-9.

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Literature-Littérature

Ethics in medical research: General principles with special reference to psychiatry research Avasthi A, Ghosh A, Sarkar S, Grover S. Indian J Psychiatry. 2013 Jan;55(1):86-91.

Estimating and communicating prognosis in advanced neurologic disease Holloway RG, Gramling R, Kelly AG. Neurology. 2013 Feb 19;80(8):764-72.

Neuroscientists' everyday experiences of ethics: the interplay of regulatory, professional, personal and tangible ethical spheres

Brosnan C, Cribb A, Wainwright SP, Williams C. Sociol Health Illn. 2013 Feb 11. [Epub ahead of print]

NEWS

<u>Scans reveal intricate brain wiring</u> by Pallab Ghosh via BBC News (February 16, 2013) Brain imaging technology developed by the NIH-funded Human Connectome Project to map brain connections. This research hopes to be able to identify risks of mental health problems and inform on them early, as well as to be able to identify parts of the brain that are involved with certain kinds of thinking.

Obama Seeking to Boost Study of Human Brain by John Markoff via The New York Times (February 17, 2013)

"The Obama administration is planning a decade-long scientific effort to examine the workings of the human brain and build a comprehensive map of its activity, seeking to do for the brain what the Human Genome Project did for genetics."

What Our Brains Can Teach Us by David Eagleman via The New York Times (February 22, 2013) Positive commentary on Obama's \$3 billion plan for neuroscience research.

Drinking while pregnant

Di Pietro, Nina, Judy Illes, James Reynolds, Joanne Weinberg, Albert Chudley, Eric Racine and Emily Bell. Scientific American Mind, March/April 2013, pages 5-6.



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

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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 <u>http://www.neuroethics.ca</u>

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 <u>http://neuroethics.stanford.edu/</u>

Berman Institute of Bioethics' Program in Ethics and Brain Sciences <u>www.bioethicsinstitute.org/neuroethics</u>

Centre interfacultaire en bioéthique et sciences humaines en médecine <u>http://www.unige.ch/medecine/ib/accueil.html</u>

The Neuroethics Blog www.theneuroethicsblog.blogspot.com

Emory Program in Neuroethics ethics.emory.edu/neuroethics

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