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BRAINSTORM

A newsletter about ethics, neuroscience, and society
Un bulletin sur l'éthique, les neurosciences et la société

Literature Update - February 15th 2018/15 février 2018

Brainstorm

Vol. 11 No. 3

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Just Editing is an NWO MVI funded project that aims to develop and apply a comparative responsible innovation approach to novel techniques of genome editing to examine the conditions (if any) under which the technique can and should be applied to animal breeding applications. Using the anticipate-include-reflect-respond (AIRR) RI framework beta scientists, social scientists, ethicists and breeding companies work together to understand, anticipate, reflect and respond to ethical and societal concerns.

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Just Editing employs two postdocs, one with a focus on social science, the other with a focus on ethics. The main purpose of this postdoctoral position is to lead the social science contribution to the project. The postdoc will be based at the Knowledge, Technology and Innovation group at Wageningen but will spend time with all partner groups and organisations.

Submission deadline: February 28

[Click here for more information.](#)



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Call for Applications: Postdoctoral Researcher, Institute of Ethics, History and Theory of Medicine at the Ludwig-Maximilians-University

The Institute of Ethics, History and Theory of Medicine at the Ludwig-Maximilians-University in Munich invites applications for the following position to be filled as of 1. April 2018 or later: postdoctoral researcher, fixed-term 36 months, 100%. The research position is available within the research group “META – mHealth: Ethical, legal and societal aspects in the technological age”. The international and interdisciplinary project investigates and evaluates ethical, legal and societal aspects of mobile health technologies (e.g. health apps, wearables) from an individual, population and global perspective. The project is funded by the German Ministry of Education and Research (BMBF).

The primary task is a philosophical analysis of norms and values in relation to mobile health technologies, and a normative discussion of the impact of these technologies on individuals (primary focus) and on society. The results shall lead to international, peer-reviewed publications. Furthermore, you will be involved in the project management, PhD supervision, development of an educative website and other strategies of dissemination, transdisciplinary communication and outreach. Participation in meetings and seminars as well as overall collaboration and exchange within the META-project are required.

Submission deadline: February 28

[Click here for more information.](#)



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Announcements | Annonces

Call for Applications: Assistant Professor in Applied Ethics, University of Twente

The Challenge: You teach ethics in our two-year master program in Philosophy of Science, Technology and Society (PSTS) and teach professional and applied ethics and other areas of philosophy for bachelor and master programs in engineering and social science. You are involved in the supervision of master's theses in the PSTS program and will at some point supervise PhD students in the department's PhD program in Ethics and Technology (the scope of which also includes social and political philosophy and philosophical anthropology).

If you would like to post any events, announcements, or news of interest please contact us at neuroethics@ircm.qc.ca (subject line: Brainstorm Events and Announcements)

You perform research in applied ethics, with a focus on the role of technology in society. We are open to all specialties within this scope, but have a particular interest in (future) specializations in the areas of roboethics, ethics of artificial intelligence and IT and medical ethics and technology, or a combination thereof. Your research will be embedded in the department's research program as well as in the 4TU.Center of Excellence for Ethics and Technology (www.ethicsandtechnology.eu), a joint center of the departments of philosophy of the University of Twente, Delft University of Technology, Eindhoven University of Technology and Wageningen University, which currently counts over sixty members, including twenty-five PhD students.

Submission deadline: March 8

[Click here for more information.](#)

Call for Applications: Chancellor's Fellowships in Data-Driven Innovation University of Edinburgh

Building on the outstanding successes of our previous tenure-track Chancellor's Fellowship programmes and our world class research performance, the College of Medicine and Veterinary Medicine are investing in a further cohort of next generation research innovation leaders of the highest quality who use data science within their work. We have a particular interest in Population Health, Informatics, Regenerative Medicine, Cancer, Neuroscience, Reproductive Health, Cardiovascular Disease, Genetics and Genomics, Inflammation and Clinical Trials. We would particularly welcome individuals with the following areas of research:

The interface between data science and health; Interrogation of large data sets to predict health outcomes in UK and global populations; Use of large data sets to predict treatment strategies and to intervene therapeutically; Medical image big data computational analysis; How best to individualise advanced medical imaging-derived biomarker detection for precision medicine uses; Using natural language processing to interrogate reports from medical imaging and pathology for large scale epidemiology, health-care quality improvement and randomised trials; Linking transcriptomics (single cell) / human pathology and clinical phenotyping for (i) data driven discovery or (ii) medication compliance, action and treatment response; Delivering 21st century multi-arm community based clinical trials through exploiting administrative and dynamic health data capture.

Submission Deadline: March 12

[Click here for more information.](#)



Announcements | Annonces

Call for Applications: Postdoctoral Fellow, Responding to Crises in Science with New Models of Practice and Organization, UCLA

The Institute for Society and Genetics (ISG) at the University of California at Los Angeles (<http://www.socgen.ucla.edu>), invites applications for a postdoctoral fellow position beginning July 1, 2018. The Institute for Society and Genetics, housed in the Division of Life Sciences at UCLA, is an interdisciplinary research and teaching unit focused on issues at the intersection of biology and society. The successful candidate will work with Drs. Aaron Panofsky and Christopher Kelty on an NSF funded project (Grant # 1734683) about the dynamics and implications of recent projects, organizations, and reforms seeking to improve the robustness and reliability of biomedical and behavioral science by tracing examples of contemporary controversies surrounding, for example, the reproducibility crisis, post-publication peer review, “predatory” publishing. The postdoctoral fellow will support the PIs by conducting interviews and participant observation, collection and management of textual materials, the management of student researchers, data analysis, and write up of results.

Submission Deadline: March 12

[Click here for more information.](#)

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(subject line:
Brainstorm Events
and Announcements)



Call for Papers: Brain-based and Artificial Intelligence: Socio-ethical Conversations in Computing and Neurotechnology, May 10-11

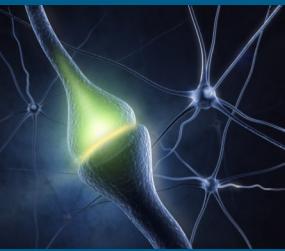
This workshop seeks to explore the convergences and disparities in approaches to intelligence in neuroscience and computer science. It will reflect on how brain-based intelligence is similar to artificial intelligence and also how both can be combined in neurotechnology. Based on this, the workshop will explore the ethical and social implications that arise in AI and neurotechnology. We are using the term ‘brain-based intelligence’ to encompass both human and non-human animal intelligence. The workshop aims to advance an interdisciplinary discussion between scientists, practitioners, and scholars around these questions.

Invited speakers:

- Maria Gini, Department of Computer Science and Engineering, University of Minnesota
- Mark Coeckelbergh, Department of Philosophy, University of Vienna
- Mikhail Lebedev, Center for Neuroengineering, Duke University

The workshop will be held in Chicago at the Illinois Institute of Technology downtown campus.

Submission deadline: March 9
[Click here for more information.](#)



Literature | Littérature

ARTICLES

[Moral competence and brain connectivity: A resting-state fMRI study.](#)

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Resources | Ressources



[University of British Columbia, Neuroethics Canada](#)

[Neuroethics at the University of Pennsylvania](#)

[International Neuroethics Society](#)

[Neuroethics Research Unit / L'Unité de recherche en neuroéthique](#)

[Journal of Ethics in Mental Health](#)

[Novel Techethics](#)

[Neuroethics at the Stanford Center for Biomedical Ethics](#)

[Berman Institute of Bioethics' Program in Ethics and Brain Sciences](#)

[Centre interfacultaire en bioéthique et sciences humaines en médecine](#)

[The Neuroethics Blog](#)

[Emory Program in Neuroethics](#)

[American Journal of Bioethics Neuroscience](#)

[Neuroethics Women \(NEW\) Leaders](#)



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