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Inside this issue:

Announcements 1
Annonces

Events 3
Événements

Neuroethics
literature 4
Littérature en
neuroéthique

Resources 6
Ressources



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BRAINSTORM

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

Literature Update - March 15th 2018/15 mars 2018

Brainstorm

Vol. 11 No. 5

Announcements | Annonces

Call for Applications: PhD Candidate, and Postdoctoral Researcher, Center for Interdisciplinary Science and Technology Research, RWTH Aachen University

The Center for Interdisciplinary Science and Technology Research, at RWTH Aachen University, is inviting applications for one PhD position, and one Postdoctoral position, in ethics of technology, neuroethics, ethics of AI, data ethics, or biomedical ethics.

The teaching and research area of Applied Ethics and Ethics of Technology of the RWTH Aachen University under the direction of Prof. Dr. Saskia Nagel is located at the Center for Interdisciplinary Science and Technology Research. The working group helps to realize an integrated interdisciplinary technical university and performs a bridging function at the RWTH Aachen University. The group addresses questions about the ethical and social challenges of scientific and technological progress. It develops the interdisciplinary potential between philosophy and the natural and engineering sciences. Key topics are the philosophy and ethics of the human-technology relationship. This includes ethical and social issues in Cognitive Science, Neuroscience, Artificial Intelligence, Big Data, Internet of Things, Emerging Medical Technologies, e.g. e-health, new biotechnologies - and the impact on individual and social well-being.

Questions can be sent to Prof. Saskia Nagel saskia.nagel@humtec.rwth-aachen.de.
Applications should be sent to: bewerbungen@humtec.rwth-aachen.de

Submission deadline: March 20

[Click here for more information \(PhD\).](#)

[Click here for more information \(Postdoc\).](#)

Call for Applications: Temporary Lectureship in Philosophy of Language and Cognition/ Neurophilosophy, Ruhr University Bochum

The Chair of Philosophy of Language and Cognition at Ruhr University Bochum offers a fulltime temporary postdoctoral position for a lecturer (100% according to TV-L E13) at the Department of Philosophy II, beginning at the earliest date possible. The application should reveal a research focus in the Philosophy of Language and Cognition and/or Neurophilosophy. The applicant should already have a record of linking philosophical questions to the research results and methods of the cognitive and neuro-sciences.

The successful candidate will be expected to actively work with empirical methods such as electroencephalography (EEG) to investigate research questions that are related to current controversies in the philosophy of language and cognition and the cognitive sciences.

Submission deadline: April 1

[Click here for more information.](#)

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**)



Announcements | Annonces

Call for Applications: Core Visiting Assistant Professor/Core Renewal Fellow in Science and Technology Studies, Boston College

The Morrissey College of Arts and Sciences at Boston College invites applications for the position of Core Visiting Assistant Professor/Core Renewal Fellow in Science and Technology Studies, with a focus on Biology. The appointment for this one-year postdoctoral visiting assistant professorship will be for the 2018–2019 academic year. Salary is competitive, and the position is renewable for up to a total of three years. As a Jesuit, Catholic institution, Boston College requires all students to complete a fifteen-course liberal arts Core Curriculum as the foundation of their undergraduate education. Core Visiting Assistant Professors will teach signature courses in the Core. Developed for first-year students, these interdisciplinary Complex Problems and Enduring Questions courses are part of an ongoing revitalization of the Core Curriculum.

Submission deadline: March 26

[Click here for more information.](#)

Call for Applications: ERC-funded Postdoc position in Philosophy of Biology and/or Philosophy of Medicine and/or Conceptual/theoretical Biology, University of Bordeaux

The University of Bordeaux and the CNRS seek candidates for a two-year postdoctoral position in Philosophy of Biology and/or Philosophy of Medicine and/or Conceptual/theoretical Biology, in the context of Thomas Pradeu's ERC Starting Grant project, "Immunity, Development and the Microbiota: Understanding the Continuous Construction of Biological Identity" (IDEM, ERC#637647, 2015-2020).

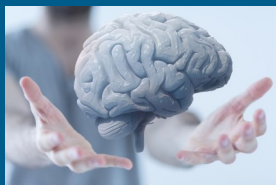
The problem of biological identity (what counts as one individual organism, and what makes each individual organism the "same" though it constantly changes through time?) has a long history both in philosophy and in science. Recent data coming from immunology, microbiology and developmental biology may revolutionize our conception of the construction of biological identity through time, by showing that this construction depends crucially on environmental factors and, most importantly, on a constant dialogue with resident microorganisms (the "microbiota").

IDEM aims at exploring how research done on the microbiota at the interface between developmental biology, microbiology, and immunology impacts our conception of biological identity, and providing a new understanding of the way living things are continuously constructed through time and interact with their biotic environment.

Submission Deadline: May 14

[Click here for more information.](#)

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Announcements | Annonces

Call for Papers: CiNaPS 2018: Causality in the Neuro- and Psychological Sciences, Centre for Philosophical Psychology, University of Antwerp

Causality is one of the key concepts that require clarification if we want to understand scientific practice. Causal knowledge is useful for prediction and scientific explanation and is indispensable when we endeavour to intervene in the world. Causal relations are ubiquitous, but sometimes hard to discover. This holds for science in general, and for neuroscience and the psychological sciences in particular.

Questions relating to causality can best be answered in an inter- and transdisciplinary way, involving researchers from as many scientific disciplines as possible. This, at least, is the view underlying the 'Causality in the Sciences' (CitS) conference series. Therefore this conference aims to bring together philosophers and scientists to explore the notion of causality at the interplay of the neurological and psychological sciences. We invite submissions on a wide range of topics, including:

- *The nature of causality in the neuro- and psychological sciences*
- *The methods used to test for causal relations in these disciplines*
- *The roles of evidence and theory in grounding causal claims in the neuro- and psychological sciences*
- *Empirical (cognitive, neurological, ...) studies into actual causal reasoning*
- *What philosophers can learn from neuro- and psychological scientists' perspectives on causality, and vice versa*
- *Causal modeling (including machine learning and AI) in relation to the neurological and psychological sciences*
- *The relation between the topics of causation and of extended/ embodied/ situated/ enactive/... Cognition*
- *The relation between neurological causation and causality in the psychological sciences*
- *The (im)possibility of inter-level causal relations in relation to these sciences*

Submission Deadline: May 15

[Click here for more information.](#)

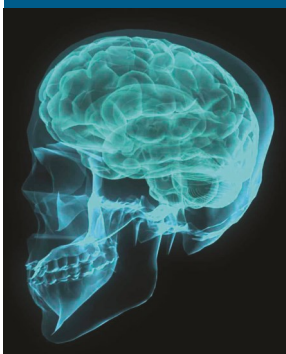
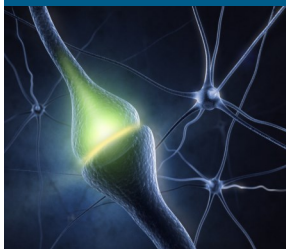
Events | Événements

Montreal Neuroethics Network Seminar: "Recognizing the Voice and Agency of Children and Youth: New Directions in Childhood Ethics"

Delivered by Franco Carnevale, RN, PhD, Ingram School of Nursing, McGill University

Date: 11:30am-12:30pm, March 19, 2018

Location: Institut de recherches cliniques de Montréal (IRCM), Auditorium Jacques-Genest



Literature | Littérature

ARTICLES

[Short video interventions to reduce mental health stigma: a multi-centre randomised controlled trial in nursing high schools.](#)

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[Unethical human research in the field of neuroscience: a historical review.](#)

Algahtani H, Bajunaid M, Shirah B. Neurol Sci. 2018 Feb 19. [Epub ahead of print].

[Freedom of Thought and Mental Integrity: The Moral Requirements for Any Neural Prosthesis.](#)

Lavazza A. Front Neurosci. 2018 Feb 19; 12: 82. eCollection 2018.

[Experiences of living with fetal alcohol spectrum disorders: a systematic review and synthesis of qualitative data.](#)

Domeij H, Fahlström G, Bertilsson G, Hultcrantz M, Munthe-Kaas H, Gordh CN, Helgesson G. Dev Med Child Neurol. 2018 Feb 26. [Epub ahead of print].

[Lawful physician-hastened death: AAN position statement.](#)

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[Media Guidelines for Reporting on Suicide: 2017 Update of the Canadian Psychiatric Association Policy Paper.](#)

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[Implicit Bias and Mental Health Professionals: Priorities and Directions for Research.](#)

Merino Y, Adams L, Hall WJ. Psychiatr Serv. 2018 Mar 1: appips201700294. [Epub ahead of print].

[Attitudes of stakeholders in psychiatry towards the inclusion of children in genomic research.](#)

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[Pop a million happy pills? Antidepressants, nuance, and the media.](#)

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[The Effects of Closed-Loop Brain Implants on Autonomy and Deliberation: What are the Risks of Being Kept in the Loop?](#)

Gilbert F, O'Brien T, Cook M. Camb Q Healthc Ethics. 2018 Apr; 27(2): 316-25.

[Perspectives on Communicating Biomarker-Based Assessments of Alzheimer's Disease to Cognitively Healthy Individuals.](#)

Milne R, Bunnik E, Diaz A, Richard E, Badger S, Gove D, Georges J, Fauria K, Molinuevo JL, Wells K, Ritchie C, Brayne C. J Alzheimers Dis. 2018; 62(2): 487-98.

NEWS AND SOCIAL MEDIA

['Invisibilia': The Otherworldly Alien Hand Syndrome. Animated](#)

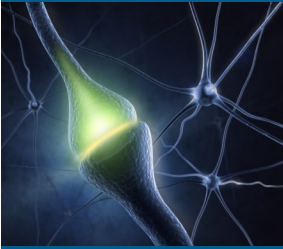
Wilhelm M. NPR. February 09, 2018.

[Study aims to relieve phantom pain through virtual reality](#)

Bissett K. CTV News. March 01, 2018.

[\\$19M in federal funds for mental wellness in black communities desperately needed, experts say](#)

Lee-Shanok P. CBC News. March 02, 2018.



Literature | Littérature

[Philosophers' Brief on Chimpanzee Personhood](#)

Fenton A & Johnson LSM. Impact Ethics. March 04, 2018.

[A Neuroscientist Explains: is the internet addictive? – podcast](#)

Glaser G & Sanderson M. The Guardian: Science. March 05, 2018.

[The Motherisk saga is a symptom of a larger problem in child protection work](#)

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[Practical and Ethical Considerations in Consciousness Restoration](#)

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[This Couple Died By Assisted Suicide Together. Here's Their Story](#)

Aleccia J. Time. March 06, 2018.

[How close are we to a cure for Huntington's?](#)

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Yong E. The Atlantic. March 07, 2018.

[A Messiah-cum-Surrogate-Dad for Gormless Dimwits: On Jordan B. Peterson's "12 Rules for Life"](#)

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[Museums Fight the Isolation and Pain of Dementia](#)

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[The Genius Within review – a smart look at boosting our brains](#)

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[Do Antidepressants Work?](#)

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[Why mental health treatment is not an easy solution to violence](#)

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Yong E. The Atlantic. March 12, 2018.

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Denton SW. The Neuroethics Blog. March 13, 2018.

[Separating newborn babies from mothers with addiction does more harm than good, says doctor](#)

CBC Radio: The Current. March 13, 2018.



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 Tech Ethics](#)

[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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