



GLOBAL NEUROETHICS SUMMIT | 2018

AGENDA, as of 7 October 2018

Event: Global Neuroethics Summit

Date: October 11-14, 2018

Location: [Conrad Hotel](#) and Seoul, S. Korea

Organizing Committee Members

Sung-Jin Jeong (Korea Brain Research Institute, Korea Brain Initiative)*co-chair

Khara Ramos (US BRAIN Initiative; Director, Neuroethics Program)

Karen Rommelfanger (Emory University, US BRAIN Initiative Neuroethics Working Group)*co-chair

Norihiro Sadato (National Institute for Physiological Sciences, Japan Brain/MINDS)

Arleen Salles (Uppsala University, Human Brain Project Ethics and Society Subproject)

Consultant

Adrian Carter (Monash University, Australian Brain Alliance)

Arisa Ema (Riken Center for Advanced Intelligence Project)

Tamami Fukushi (Japan Agency for Medical Research and Development)

Judy Illes (University of British Columbia, Canada Brain Research Strategy)

Caroline Montojo (Kavli Foundation, Director of Brain Initiatives)

Irina Singh (University of Oxford, Our Brain, Our Selves, Our Lives Consortium)

Jialin Zheng (Tongji University, China Brain Project)

Assisted by

Emily Floyd (Emory University, Summit Manager)

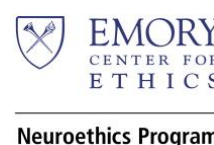
Hyunjung Kim (Korea Brain Research Institute)

Celeste Fong (Emory University, Summit Assistant Manager)

Stepheni Uh (University of Cambridge, Summit Management Consultant and Translator)

Purpose

In a world that is increasingly global – and increasingly engaged in neurosciences – how we educate scientists about the underlying values and ethics that drive brain research across cultural and continental divides is critical. The consequences of cultural misunderstandings are far from trivial for the scientific enterprise. Gaps in understanding lead to missed opportunities for collaboration to advance discoveries; limit our ability to broadly share results and reap the benefits of scientific findings; and result in a failure to recognize the unforeseen short- and long-term risks of research. Neuroethics has emerged as an essential tool for neuroscience serving in a horizon-scanning function to anticipate and address ethical roadblocks ahead and, ultimately, to advance and accelerate neuroscience.





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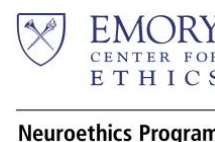
The goal of the 2017 Global Neuroethics Summit was to create a list of neuroethics questions that should be addressed by each brain project. A unique feature of that important list was that, while the questions themselves could be adopted universally, they could also be adapted and informed by the cultural values and frameworks of each country. This was successfully completed and is now in press as a Perspective article for *Neuron*. This series continues by taking a different, yet important culturally informed strategy for addressing the societal and ethical implications of emerging neuroscience and neurotechnologies. As neuroscience is now a global endeavor, neuroethics must be equally prepared to address global values.

This 2018 year meeting is a workshop of the **Neuroethics Workgroup of the International Brain Initiative (IBI)**. With this year's support, we build upon the critical foundation for the fields of neuroscience and neuroethics laid in our first meeting, with the potential for our discussions to inform policy and shape funding priorities for many agencies in the future. This 2018 meeting aligns with the recently formalized efforts of the IBI which, in collaboration with The Kavli Foundation and other key stakeholders from existing and emerging brain projects, recognized neuroethics as one of its top priorities. With this meeting, partners in the IBI as well as **representatives from all existing and emerging large-scale national-level brain projects will come together to discuss imperatives for neuroscience as seen through the lens and methods of neuroethics.**

The meeting is meant to serve as **an idea-incubator for scholarship, research, and curriculum development**, as well as for community building for neuroethics in the IBI. The meeting is also **workshop for a special journal issue** that *Neuron* has commissioned as a series of **Neuroview papers**. Each of the **brain projects will provide, prior to the meeting, a draft of a manuscript** that discusses why and how they will **integrate and implement neuroethics into their brain projects** with particular recognition of the five questions from our first paper in *Neuron*.

Goals and Deliverables

- Facilitate a community of multidisciplinary scholars who are attuned to and inclusive of cross-cultural perspectives when engaging in neuroscience and neuroethics research and policy.
- Serve as an idea-incubator for research collaborations and future implementation for the IBI and beyond.
- Generate a series of high-profile and high-impact publications that establish neuroethics priorities for research and scholarship in global neuroscience projects.



Neuroethics Program





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Thursday, October 11, 2018

Arrival Conrad Hotel: 10 Gukjegeumyung-ro (Yeouido), Yeongdeungpo-gu, Seoul 07326, Korea
T: +82 2 6137 7000 Email: Conrad_Seoul@conradhotels.com
(Check-in is 16:00; Checkout is 11:00)

19:00-21:00 Welcome Dinner/Reception (Conrad Hotel 6th Floor, Studio 4)

19:00-19:45 Welcome New Friends, Goals of Meeting, and Introductions

19:00-19:15 Welcome and Goals from conference co-chairs: **Karen S. Rommelfanger**, Emory Center for Ethics, Atlanta, Georgia, USA & **Sung-Jin Jeong**, Korea Brain Research Institute (KBRI) Daegu, S. Korea

19:15-19:30 Welcome remarks IBI: **Jim Deshler**, National Science Foundation; **Caroline Montojo**, Kavli Foundation, Director of Brain Initiatives

Open GNS 2018

Friday, October 12, 2018

Meeting Location: Conrad Hotel 6th Floor, Studios 1-3

Breakfast Buffet at hotel 2nd floor [Zest](#) restaurant – Breakfast begins at 6:30

8:00-8:15 Morning speakers/presenters upload slides to computer

8:30-9:30 Welcome

8:30-8:45 Welcome and Goals from conference co-chairs: **Sung-Jin Jeong**, KBRI and **Karen Rommelfanger**, Emory University Center for Ethics

8:45-9:10 Remarks from partners: *Ministry of Science & ICT and National Assembly*

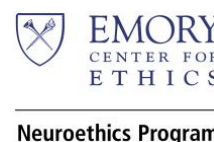
9:10-9:20 Welcome from IBI: **Jim Deshler**, National Science Foundation and **Caroline Montojo**, Kavli Foundation, Director of Brain Initiatives

9:20-9:30 Individual Introductions

9:30-10:45 Global Brain Projects: scientific goals, relevant project ethical questions, and ideas for collaboration (prompts will include education/training, research/scholarship, communication and outreach, cross-sectorial collaboration, and capacity building)

5 min/speaker followed by 15-30 min of discussion

1. Korea Brain Initiative: **Sung-Jin Jeong**
2. Australian Brain Initiative: **Linda Richards**





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3. Canada Brain Research Strategy: **Judy Illes**
4. China Brain Project: **Jialin Zheng**
5. EU Human Brain Project: **Jan Bjaalie**
6. Japan Brain/MINDS: **Shigeo Okabe**
7. US BRAIN Initiative: **Walter Koroshetz**

10:45-11:00 Global Neuroethics Summit 5 Guiding Questions from 2017 introduce themes for collaboration

5-7 min presentation followed by 5-10 min discussion

Presented by **Karen Rommelfanger**

11:00-11:30 Break and prepare for closed session

Afternoon speakers/presenters upload slides to computer

Closed GNS 2018

Friday, October 12, 2018

Meeting Location: *Conrad Hotel 6th Floor, Studios 1-3 for presentations; Studios 8-9 for meals*

11:30-12:30 Discussion of format for afternoon & Lunch (Studios 8-9)

Karen S. Rommelfanger, Emory Center for Ethics, Atlanta, Georgia, USA

12:30-14:30 Idea Incubator Session (Studios 1-3)

(Discussion of topic that may not yet be featured prominently in each brain initiative. Opportunities to enrich the scope of the Neuroethics Workgroup and GNS)

10 min each plus 5 min discussion X 6 speakers

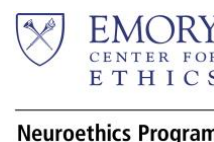
12:30- 13:15 Session 1: Public-Private Partnerships

1. Data sharing and Ethics (market concerns)—**Alvaro Fernandez**, SharpBrains
2. Private sector consumables and neuroethics—**Ana Maiques**, Neuroelectrics
3. Policy and public-private transnational regulation-- **Hermann Garden**, Organisation for Economic Cooperation and Development

13:15-13:30 Break

13:30- 14:30 Session 2: Advocacy and Sustainability

4. Public engagement models (public understanding of science) **Genya Dana**, World Economic Forum
5. Data sharing and Ethics (tech creator concerns)—**Matt Bosworth**, Emotiv
6. Hype/communication: **Amy Adams**, Director, Office of Scientific Liaison, National Institute of Neurological Disorders and Stroke, National Institutes of Health





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7. Sustainability of neuroethics (Capacity building): **Caroline Montojo**, Kavli Foundation, Director of Brain Initiatives

14:30-15:00 ***Additional Discussion/Breakout Group Categories, Assignments (We will NOT be organized by brain project designation)***

15:00-16:00 **Breakout Groups I: Discuss Ideas for collaboration (Studios 1, 7, 8, 9)**

Each breakout groups write out paragraphs for neuroethics and beyond identifying near-term (1 year) and far-term (5 year) needs and goals. Each group chooses presenter for dinner session.

- *Education/Training (academia and beyond; research exchange programs)*
- *Research/Scholarship (high priority areas relevant to the science of the IBI member projects)*
- *Public Outreach (hype, science communication)*
- *Public-Private/Cross-sectorial collaboration (policy, capacity building, and sustainability)*

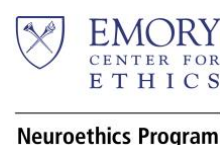
16:00-17:00 ***Break and reception***

17:00-19:00 **Presentations from each breakout group during dinner (Studios 8-9)**

17:00-18:00 **4-5 x (5-10 min/group 20 min discussion per group)**

18:00-18:15 **Closing:** What have we learned? What have we missed? Goals/Logistics for tomorrow. Presenters should consider how to incorporate new ideas into presentation for tomorrow. . Recommend groups meet for drinks/tea after dinner to discuss.

Moderator: Karen Rommelfanger





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Saturday, October 13, 2018

Meeting Location: Conrad Hotel 6th Floor, Studios 1-3

Breakfast Buffet at Zest, 2nd floor Breakfast begins at 6:30

8:15-8:30 Today's speakers/presenters upload slides to computer

8:30-8:45 Welcome Old Friends: Goals/Logistics for today; Emerging themes?
Sung-Jin Jeong, Korea Brain Research Institute (KBRI) Daegu, S. Korea & Karen S. Rommelfanger, Emory Center for Ethics, Atlanta, Georgia, USA

8:45-9:00 Introduction to closed portion of meeting and papers discussion
Mariela Zirlinger discusses here about Neuron and format, points to consider for audience. This next section will involve presenting papers and revising them

9:00 – 9:30 Korea Brain Project (Inyoung Lee)
10 min presentation and 20 min discussion

9:30 – 10:00 Australian Brain Alliance Paper (Adrian Carter)
10 min presentation and 20 min discussion

10:00-10:20 Break

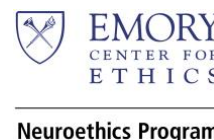
10:20 – 10:50 Canadian Brain Research Strategy Paper (Judy Illes)
10 min presentation and 20 min discussion

10:50 – 11:20 China Brain Project Paper (Guoyu Wang)
10 min presentation and 20 min discussion

11:20-11:40 Human Brain Project Paper (Arleen Salles)
10 min presentation and 20 min discussion

11:40-12:40 Lunch (Studios 8-9)

12:40 – 13:10 Japan Brain/MINDS (Norihiro Sadato)
10 min presentation and 20 min discussion



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13:10-13:40 US BRAIN Initiative (Khara Ramos)

10 min presentation and 20 min discussion

13:40-14:00 Break

14:00-15:00 Breakout Groups II: Discuss Ideas for collaboration, organized into themes identified from yesterday. (Studios 1, 7, 8, 9) Each breakout groups edits paragraphs for neuroethics in the IBI and beyond identifying near-term (1 year) and far-term (5 year) needs and goals. Each group chooses presenter for dinner session.

- Education/Training (academia and beyond; research exchange programs)
- Research/Scholarship (data sharing and other high priority areas relevant to the science of the IBI member projects)
- Public Outreach (hype, science communication)
- Public-Private/Cross-sectorial collaboration (policy, capacity building, and sustainability)

15:00-15:30 Break

15:30-16:30 Presentations from each group (Studio 1-3)

4-5 x (5-10 min/group 20 min discussion per group)

16:30 -16:45 Concluding Remarks and Next Steps

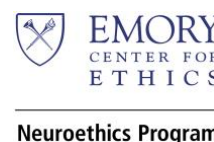
Moderator: Karen Rommelfanger and Sung-Jin Jeong

Timeline for next steps. Sung-Jin Jeong discusses evening event.

16:50 -17:10 Shuttle to Restaurant

17:20-19:00 Farewell Dinner ([Baek Ni Hyang Chinese Restaurant](#), 63Bldg, 57F, 50, 63-ro, Yeongdeungpo-gu, Seoul Ph: 82.2.789.5741~4)

19:20 Shuttle departs restaurant





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Sunday, October 14, 2018

(Checkout is 11:00)

***Meeting Location for lead authors: Meeting will be held at the Conrad Hotel breakfast area
All check out and then afternoon excursion***

Breakfast Buffet at hotel Zest 2nd floor, Breakfast begins at 6:30

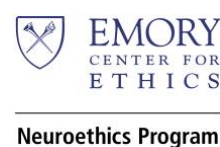
8:00-8:30 *Check out of hotel today*

8:30-9:30 **Breakfast recap ONLY for lead authors of papers and for GNS organizers

9:35 meet in hotel lobby for shuttle bus. Departs promptly at 9:45am

10-2p Afternoon excursion

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