



# International Neuroethics Society

INTERNATIONAL NEUROETHICS SOCIETY NEWSLETTER

MAY 2014

## IN THIS ISSUE

**2 INS Annual Meeting  
Public Program**

**3 INS to be at FENS**

**4 INS Board Members  
Selected**

**5 The INS  
Communications  
Committee Rekindled**

**7 Meet a Member**  
Jonathan Moreno

**9 Conversations in  
Neuroethics Gain  
Momentum at Brain  
Matters! Vancouver**

**11 What Are INS  
Members Doing?**

**12 Calendar**

**13 Social Media**

## 2014 INS ANNUAL MEETING

November 13 & 14

AAAS, 12th & H Streets, NW, Washington, DC

### THURSDAY, November 13

*This event is open to the public*

5 - 7:00 p.m: **Neuroscience Knowledge & the Robotic Mind**

More information on page 2

### FRIDAY, November 14

*All speakers confirmed, unless indicated*

8:00 – 8:05: **Welcome** - *Barbara Sahakian*, INS President

8:05 – 9:00: **Breakfast** - Representative *Chaka Fattah*- U.S. House of  
Representatives

9:00 – 10:00: **The BRAIN Initiative & the Human Brain Project: An  
Ethical Focus**

Speakers: *Story Landis*, National Institute of  
Neurological Disease & Stroke

*Henry Markram*, Human Brain Project

10:00–10:20: Break

10:20-12:00: **The Future of Neuroscience Research &  
Ethical Implications**

Moderator: *Alan Leshner*, AAAS - invited

Speakers: *George Koob*, National Institute on Alcohol  
Abuse & Alcoholism

*Tom Insel*, National Institute of Mental Health

*John Williams*, Wellcome Trust

*Arati Prabhakar*, Defense Advanced Research  
Projects Agency, *invited*

12:00 – 1:30: **Lunch**, Open Business Meeting, Updates & FYIs, Working  
Group Reports

## 2014 INS Annual Meeting Schedule Continued:

### **FRIDAY, November 14**

1:30 – 3:00: **Neuroscience in the Courts – International**

#### **Case Studies**

**Moderator:** *Lisa Claydon*, University of Manchester

**Speakers:** *Nita Farahany*, Duke University

*Jennifer Chandler*, University of Ottawa

*Paul Catley*, Open University UK

*Katie deKogel*, Dutch Ministry of Justice

*Calvin Ho*, National University of Singapore

3:00 – 3:15: **Break**

3:15 – 4:45: (panel) **Neuroscience and Human Rights**

**Moderator & Discussant:** *Steven Marks*, Harvard University School of Public Health, *invited*

**Speakers:** *Ian Kerr*, Canada Research Chair in Ethics, Law, and Technology, *invited*

*David Braddock*, University of Colorado Coleman Institute for Cognitive Disabilities, *invited*

*Daniel Wikler*, Harvard School of Public Health, *invited*

*Deborah A. Frank*, Professor in Child Health and Well-Being, Boston University School of Medicine, *invited*

4:45-5:45: **Abstract Oral Presenters**

5:45- 7:00: **Poster Session and Reception**

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### **Public Program: Neuroscience Knowledge and the Robotic Mind**

**Thursday, November 13**— This event is open to the public  
**5–7 p.m.:** An expert panel will discuss innovations in robotics.

Speakers will be announced on the INS website soon.

**7-7:45 p.m.:** Reception

Advances in knowledge about human cognition and emotion are increasingly being applied to the design and function of robotic-like devices in sectors from manufacturing to health care. Recent developments include, for example, self-driving cars, wearable devices that monitor vital health signs, IBM's computer Watson winning at Jeopardy! and the digital personal assistants Siri, Google Now and Cortana. Not far behind, perhaps, are autonomous weapon systems, great wealth for some and serious economic dislocation for others, and shared decision making between humans and robots. This session will focus on the technical, ethical and social implications of these and similar technologies.

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Registration information and other details about the 2014 INS Annual Meeting will be on the website [www.neuroethicssociety.org](http://www.neuroethicssociety.org)

#### **President**

Barbara Sahakian

#### **Executive Committee**

Turhan Canli  
 Mark Frankel  
 Hank Greely  
 Steve Hyman  
 Julian Savulescu  
 Paul Root Wolpe

#### **Governing Board**

Verity Brown  
 Moheb Costandi  
 Nita Farahany  
 Joseph J. Fins  
 Judy Illes  
 Husseini Manji  
 Helen Mayberg  
 Edward Rover  
 Student Representative:  
 Matt Baum

#### **Executive Director**

Karen Graham  
[kgraham@neuroethicssociety.org](mailto:kgraham@neuroethicssociety.org)

#### **Project Manager**

Elyssa Pedote  
[elyssa@neuroethicssociety.org](mailto:elyssa@neuroethicssociety.org)

[www.neuroethicssociety.org](http://www.neuroethicssociety.org)

## INS to be at the FENS

In collaboration with the European Dana Alliance for the Brain (EDAB), the INS will be at the Federation of European Neuroscience Societies (FENS) meeting on July 6 at the MiCo Congress Centre in Milan. The FENS William Safire Seminar on Neuroethics is “Basic Research on the Human Brain: How far can we go? How far should we go?”



The panel consists of Chair, **Barbara Sahakian**, University of Cambridge with speakers:

- **Josef Parvisi**, Stanford University
- **Petra Huppi**, University of Geneva
- **Itzak Fried**, Brain Research Institute, UCLA
- **Vince Walsh**, University College London

Much can be learned by direct intervention in the human brain, but if it is not essential for clinical benefit, is it justified? This session considers the value and ethics surrounding basic neuroscience research on humans.

The Wellcome Trust is contributing **five \$1000 awards** toward the cost of travel and accommodation for early-career researchers from UK/Europe to attend the International Neuroethics Society Annual Meeting. Travel stipends are awarded based on the quality of abstracts submitted. See the Call for Abstracts [here](#).

### How to Update Your Profile Information on the Int'l Neuroethics Society Website

1. Login in using your username and password on [www.neuroethicssociety.org](http://www.neuroethicssociety.org). If you have forgotten, email [administrator@neuroethicssociety.org](mailto:administrator@neuroethicssociety.org)
2. Click on the MEMBERS tab on the horizontal toolbar.
3. Select MY PROFILE.
4. Your Name Page should appear; select EDIT. PROFILE. Here you can update your photo, change your basic contact information, username, password, current institution, etc. You can mark items as private and even pay your dues.
5. Click the SAVE button.

**That's all there is to it. We are encouraging all members to check their profiles and make sure that all the information is up to date.**

## INS Board Members Selected

In 2014, the terms of Hussein Manji, Helen Mayberg, Jorge Moll, Jonathan Moreno and Barbara Sahakian expire.

Members of the Board of Directors are selected for two-year terms and they can be re-selected for an additional term.

The 2014 Nominating Committee met over the past several weeks and prepared a slate of nominations for these expired positions. The slate of ten nominations was presented to the Board on April 24 at the regularly scheduled conference call of the INS board. The Committee took into account the need for diversity of gender, discipline and geographical location on the Board.

From the nominees presented, the board re-selected Hussein Manji, Helen Mayberg and Barbara Sahakian and chose two new board members – **Moheb Costandi** and **Joseph J. Fins**

**Mo Costandi** is a London-based freelance science writer who writes news and feature stories routinely for the Guardian as the author of the Neurophilosophy blog as well as for venues such as Scientific American



and The Scientist. He is a neurobiologist who received an M.Sc. in Molecular and Developmental Neurobiology. <http://neurophilosophy.wordpress.com/about-the-author/> and <http://www.theguardian.com/profile/mo-costandi>

**Joseph J. Fins** is the E. William Davis, Jr. M.D. Professor of Medical Ethics and Chief of the Division of Medical Ethics at Weill Cornell Medical College where he also serves as Professor of Medicine (with Tenure), Professor of Public Health and Professor of Medicine in Psychiatry. He is also an Attending Physician and the Director of Medical Ethics

at New York-Presbyterian Weill Cornell Medical Center and on the Adjunct Faculty of Rockefeller University where he is a Senior Attending Physician at The Rockefeller University Hospital. Dr. Fins is an elected Member of the Institute of Medicine of the National Academy of Sciences (USA) and was elected a Fellow of The American Academy



of Arts & Sciences in 2012. He was appointed by President Clinton to The White House Commission on Complementary and Alternative Medicine Policy and currently serves on The New York State Task Force on Life and the Law by gubernatorial appointment. Dr. Fins served as President of the American Society for Bioethics and Humanities and is a member of the Hastings Center Board of Trustees. <http://vivo.med.cornell.edu/display/cwid-jjfans>

**Turhan Canli**, INS Board member and director of SCAN (Social, Cognitive, and Affective Neuroscience) Center at Stony Brook University presented a talk entitled “Neuroethics 2.0: Neurogenetics” at the AAAS Neuropolicy Group on May 22. In his talk, Dr. Canli discussed a field at the intersection of genetics and neuroethics he calls “neurogenetics” that is driven by technological advances in molecular psychology, in which the tools of molecular biology are applied to study behavior. He argued that this confluence of technologies and discoveries is about to generate a set of new ethical and social questions that are unique and novel because they emerge when genetic techniques are applied to the brain: to reprogram it, to manipulate its neuronal processes, to alter our sense of self.

## The INS Communications Committee Rekindled

### ***The INS Communications Committee has open positions!***

Do you want to be more involved with the INS and in building the INS community? Would you like to work with colleagues interested in neuroethics? If you have one hour per month that you can commit to our team, you could be a part of the future of neuroethics by joining the INS Communications Committee.

Join Holly Moore and Karen Rommelfanger as they rekindle the Communications Committee with new ideas. If you are currently on this committee, let Karen Graham know that you would like to continue. If you would like to join, contact Karen at [kgraham@neuroethicsociety.org](mailto:kgraham@neuroethicsociety.org). Open positions are first come, first serve.

### **About our Co-chairs:**

**Co-Chair Holly Moore** is originally from Champaign County, Ohio, USA. She received a



Holly Moore

dual-degree in Psychology and Chemistry from Wright State University in Dayton Ohio, USA where she was introduced to research in the fields of developmental psychobiology and behavioral neuroscience by Michael Hennessy, PhD. She earned her Doctorate of Philosophy from The Ohio State University under the guidance of Martin Sarter, PhD and John P. Bruno, PhD with whom she conducted studies using in vivo neurochemical and cognitive neuroscience approaches to examine the regulation of the basal forebrain cholinergic system and its role in attention.

Her postdoctoral work at the University of Pittsburgh with Anthony A. Grace, PhD integrated these approaches with in vivo electrophysiological and quantitative neuroanatomical methods to study possible pathogenic mechanisms in schizophrenia using rat models. She is presently an Associate Professor of Clinical Neurobiology in Psychiatry and Research Scientist VI at Columbia University College of Physicians and Surgeons, Department of Psychiatry and The New York State Psychiatric Institute. Dr. Moore's laboratory uses genetic, environmental, and pharmacological manipulations across development in rats and mice to examine plausible relationships between specific neuropathological and psychopathological phenotypes in schizophrenia-related disorders and identify developmental changes in cortico-limbic circuits that may contribute to the risk for these disorders.

**Co-Chair Karen Rommelfanger** is the Program Director of Emory University's Neuroethics Program at the Center for Ethics and is an Assistant Professor in the Department of Neurology with a secondary appointment in the Department of Psychiatry. Dr. Rommelfanger received her PhD in Neuroscience from Emory, focusing her research on movement disorders.



*Karen Rommelfanger*

Continuing her interest in that area, her current research explores the nature and utility of placebo using Psychogenic Movement Disorders as a therapeutic model. Dr. Rommelfanger is also the Editor-in-Residence for the American Journal of Bioethics Neuroscience. A neuroscience researcher for over 10 years, Dr. Rommelfanger has published her scientific work in high-impact peer-reviewed journals such as the Proceedings of the National Academy of Sciences and the Journal of Neuroscience; her research on Parkinson Disease has been featured in popular media such as Scientific American. She has presented her work at both international and national conferences and has worked in prestigious laboratories in the U.S. and Japan using a broad array of neurotechnologies from brain imaging and behavioral techniques to electrophysiological recording of individual brain cells.

Dr. Rommelfanger has built a comprehensive neuroethics program at the Center for Ethics at Emory, which includes an interdisciplinary journal club, a Neuroethics Scholar's Program, a yearly Neuroethics Conference in cooperation with the neuroscience graduate students, and writing and maintaining The Neuroethics Blog at Emory University. She teaches and speaks on

neuroethics topics internationally, and her neuroethics work has been published in top neuroethics journals and neuroscience journals such as Nature Reviews Neurology. She also founded NEW (NeuroEthicsWomen) Leaders, an organization that aims to cultivate professional development and scholarly networks for women in neuroethics. She has a commitment to bringing diverse stakeholders together toward productive solutions, the most recent being a collaboration with the American Society for Neuroradiology: Use and Abuse of Neuroimaging in the Courtroom, a consensus conference that brought together legal scholars, legal practitioners, scientists, philosophers, ethicists, and physicians to create guidelines for clinicians who are asked to serve as expert witnesses in the courtroom.



### **NEW! Multiple Year Membership with the INS**

Renew Your Membership for 2 or 3  
Years – Save Time!

Membership Dues for Regular and  
Affiliate members are \$80 annually.

Now both 2 and 3-year renewals are  
available:

Regular and Affiliate members – 2-  
years for \$150 and 3-years for \$225.

Students and Post-docs may also  
renew for 2 or 3 years at current rates.

# Meet a Member

## Jonathan Moreno

*Jonathan D. Moreno was on the board of the International Neuroethics Society for the last six years. He is professor of medical ethics and health policy, of history and sociology of science, and of philosophy at the University of Pennsylvania. His online neuroethics course drew more than 36,000 registrants in fall 2013. Moreno has served as an advisor to many governmental and nongovernmental organizations, including the Department of Defense, the Department of Homeland Security, the Department of Health and Human Services, the Centers for Disease Control and Prevention, the Federal Bureau of Investigation, the Howard Hughes Medical Institute, and the Bill and Melinda Gates Foundation. He is the David and Lyn Silfen University Professor at the University of Pennsylvania, where he is 1 of 14 Penn Integrates Knowledge professors.*

*Moreno is a Senior Fellow at American Progress and the author of several books on national security, science, and ethics, including Mind Wars: Brain Science and the Military in the 21st Century and Undue Risk: Secret State Experiments on Humans. He is an elected member of the Institute of Medicine of the National Academy of Sciences and is the U.S. member of the UNESCO International Bioethics Committee. He has served as a senior staff member for three presidential advisory commissions. In 2008–09, he served as a member of President Barack Obama’s transition team. He holds a Ph.D. from Washington University in St. Louis, was an Andrew W. Mellon postdoctoral fellow, was awarded an honorary doctorate by Hofstra University, and is a recipient of the Benjamin Rush Medal from the College of William and Mary Law School and the Dr. Jean Mayer Award for Global Citizenship from Tufts University. A frequent contributor to such publications as *The New York Times*, *The Wall Street Journal*, *the Huffington Post*, *Psychology Today*, and other major media, his work has been cited by Al Gore and was used in the*



*development of the screenplay for “The Bourne Legacy.” The American Journal of Bioethics has called him “the most interesting bioethicist of our time.”*

### Where were you born?

I was born in Poughkeepsie, New York a scant 61+ years ago.

### Where were you educated and what did you study?

Study? That’s a trick question, right? Officially speaking I was a double major in philosophy and psychology at Hofstra and was by accident awarded a Ph.D. in philosophy by Washington University in St. Louis.

**Where do you live now?**

Another trick question. I divide my time mostly between Washington and Philadelphia when I'm not somewhere else.

**What initially drew you to Neuroethics and when?**

I was on a panel during that 2002 "Mapping the Field" meeting at the Presidio in San Francisco. I had published a couple of books on bioethics and national security ("Undue Risk" and "In the Wake of Terror"), and it occurred to me that besides the philosophical questions raised by neuroscience there were interesting implications for the ethics of neuroscience in the military and in counter-intelligence. Hence my book "Mind Wars".

**How did you get involved with the International Neuroethics Society?**

I was an early member due to my frequent contact with friends and colleagues who were among the organizers.

**What area of Neuroethics interests you the most?**

I'm still pretty wrapped up with the national security implications. Neuroethics is at epicenter of policy issues in cyber, robotics, warfighter enhancement, guided munitions, interrogation and just about every interesting challenge for military planning and operations. I'm also a senior advisor for the President's Commission for the study of Bioethical Issues, which is preparing a report on neuroethics.

**What projects are you currently involved in?**

I just signed a contract with Princeton University Press to co-author a book on neuroengineering. I'm also writing a paper on ethical issues and wearable electronics with a Penn graduate student. This fall I will publish my dad's intellectual biography, "Impromptu Man", (he founded influential improvisational theater companies and was the pioneer of humanistic psychotherapy techniques and social network

analysis); not a neuroscience project but one that was very important for me to complete.

**Where do you see the future of neuroethics heading in the next five years?**

The BRAIN Initiative, the Human Brain Project, the connectomics efforts, the wider use of TMS and tDCS, will all provide a lot of fodder for neuroethics. The challenge will be to develop new conceptual schemes for assessing their results and not just repeating the same themes in the neuroethics literature.

**What advice would you give to someone looking to break into the field of neuroethics?**

Don't waste time fretting about how to "break in", just start reading, writing, contributing to the literature and coming to the meetings.

**What was the last country you visited and why?**

In December I was in Copenhagen for a public "Niels Bohr" conference on international security in a globalized era.

**Do you have a favorite quotation?**

Too many!



**Attending a meeting?  
We want to hear about it!**

There are lots of meetings coming up where neuroethics will be discussed - check the calendar on the INS [website](#) for some of them! Your fellow INS members will be interested in hearing about talks and presentations you've seen. So please write a short (100-200 word) report on the neuroethics scene at your favorite conferences and send it to us. We'll publish it in the next newsletter under your byline.



## Conversations in Neuroethics Gain Momentum at Brain Matters! Vancouver

**Julie M. Robillard and Judy Illes**

National Core for Neuroethics, University of British Columbia  
Vancouver, BC CANADA

On March 12-14, 2014, the National Core for Neuroethics at the University of British Columbia hosted Brain Matters! Vancouver, a conference devoted to the social responsibilities associated with new discoveries in the brain sciences. Together with Dr. Peter Reiner and our entire Neuroethics team, we welcomed over 120 participants and 32 speakers from Canada, the US, and Europe. The conference coincided with Brain Awareness Week, the Dana Foundation's global campaign to increase public awareness of advances in neuroscience.



Brain Matters! Vancouver built on the successful track records of the Brain Matters conference series: Halifax in 2009 (*Brain Matters 1: New directions in Neuroethics*); Montreal in 2011 (*Brain Matters 2: Ethics in the Translation of Neuroscience Research to Psychiatric and Neurological Care*); and Cleveland in 2012 (*Brain Matters 3: Values at the Crossroads of Neurology, Psychiatry, and Psychology*).

The title of the series is key to understanding the importance of the conversation: the brain matters. A healthy brain is critical for well-being, and new advances in neuroscience, neurology and psychiatry continue to provide hope for those who experience mental illness or neurological diseases. However, beyond health, our brains are central to our place as members in our societies. We are increasingly faced with new information that allows us to both understand and manipulate brains sometimes, if not often, with unknown consequences. Since we all have a stake in social responsibility, Brain Matters! Vancouver expanded the conversation about these promises and challenges, and welcomed new stakeholders to the table.

Knowledge translation and exchange were a major focus for conference delegates. Dr. Bartha Knoppers from McGill University in Montreal, Canada, launched the 2.5 day meeting with a public session on the topic of neuroethics for big data. Panelists Wylie Burke from the University of Washington, Christopher Scott from Stanford University, and Daniel Goldowitz from the University of British Columbia, responded and elaborated on Dr. Knoppers' messages about human rights and consent with their own perspectives on big data from the point of view of biobanks, personalized medicine, and the vulnerabilities of children and others in the research process. In addition to this open event, members of the public were invited to attend the full academic conference, and to submit creative works related to brain science and social responsibility. Seventeen submissions were received: videos, essays and visual art. A selection of these submissions was showcased during Brain Matters! Vancouver, and the creators of two winning submissions were awarded registration to the conference.

Throughout the conference, we harnessed a number of innovative ways of enriching the discussions. Among them was the work of two graphic recording artists who captured plenary sessions in real-time. The photo shows the visual map of Nita Farahany's keynote lecture on neuroethics and the law, moderated by former Vancouver Sun science writer Peter McKnight. This graphic recording and twelve others, are currently being animated into videos, and will be available live alongside the audio recordings soon on the Brain Matters! Vancouver website.



Each major thematic session – ranging from the neuroethics of emergent neurotechnologies in neurology to the science of love and bonding – also featured a respondent with a complementary or contrasting point of view. For example, Dr. Anthony Phillips shared the latest developments in the field of epigenetics, with reactions and a description of novel counseling strategies in psychiatric genetics by Dr. Jehannine Austin. Dr. James Giordano spoke on the neuroethics of privacy and security, with Dr. Machiel Van der Loos responding with new perspectives from the emerging field of roboethics. In a special panel on pain, Dr. Karen Davis and Dr. Tor Wager highlighted advances in neuroimaging, and Professor Hank Greely responded on the neuroethical issues associated with pain diagnostics using neuroimaging. In remarks that brought a stimulating meeting to a close, Dr. Joseph J. Fins, introduced by Dr. Rob McMaster, Director of the Vancouver Coastal Health Research Institute, emphasized his perspectives on the importance of clinical thinking and focus in all that we do in neuroethics.

We were honoured that former Vancouver city major and current Member of the Legislative Assembly Sam Sullivan, was able to join us. He reminded attendees of the importance of social responsibility and brain science as a key aspect of our civic responsibility as citizens.

We were also delighted to showcase the work of neuroethics trainees and postdoctoral fellows in

Lightning Talks. These rapid-fire talks were a tremendous opportunity for young researchers to present their latest work, and to engage with the audience. Emerging topics in the field were showcased, such as environmental neuroethics, new regulations in the neuroenhancement debate, and the neuroethics of nudging. Feedback from the conference participants about these sessions was overwhelmingly positive.

There is already a great deal of buzz about where the next Brain Matters! Conference will take place. Toronto, Canada? Seattle, Washington? Phoenix, Arizona? Some suspense, and much to look forward to.

Visit our website, [www.brainmattersvancouver.ca](http://www.brainmattersvancouver.ca), and [www.neuroethicssociety.org](http://www.neuroethicssociety.org) for updates, videos, and a continuing discussion of the emerging topics in neuroethics.

**Read a Good Book Lately?**

INS members would like to hear about it. If you have enjoyed a book or film and would like to share with the membership, please send a brief review to [administrator@neuroethicssociety.org](mailto:administrator@neuroethicssociety.org). We can use everything from scholarly works and documentaries to fiction and they don't need to be long -- a few paragraphs will do -- and they don't need to be new -- just relevant to the field of neuroethics. Share your finds with colleagues.

## What Are INS Members Doing?

Each issue, we publish short updates about what our members are engaged in. It might include talks, papers, classes, books, or anything else our diverse membership is up to. All members are free to submit information about themselves or others to [adminstrator@neuroethicsociety.org](mailto:adminstrator@neuroethicsociety.org). Blurbs should be 50 words or less, to be published on approval.

**Richard J. Bonnie** contributed to *The Language of Mens Rea*, featured in *Vanderbilt Law Review*

**Mallory Bowers** contributed to the Neuroethics Blog with her piece, *(en)Gendering psychiatric disease: what does sex/gender have to do with post traumatic stress disorder (PTSD)?* See the piece at:

[www.theneuroethicsblog.com/2014/05/engendering-psychiatric-disease-what.html](http://www.theneuroethicsblog.com/2014/05/engendering-psychiatric-disease-what.html)

**Timothy Brindley** and **James Giordano** wrote *Neuroimaging: Correlating, Validity, Value, and Admissibility: Daubert—and Reliability—Revisited* in *AJOB Neuroscience*. Read the article at: [www.tandfonline.com/doi/abs/10.1080/2150](http://www.tandfonline.com/doi/abs/10.1080/2150)

**Alina Coman** wrote *"The ethics of neuromodulation for anorexia nervosa: a focus on rTMS"*, published in *J Eat Disord* on April 1st. View at:

[www.ncbi.nlm.nih.gov/pubmed/24690315](http://www.ncbi.nlm.nih.gov/pubmed/24690315)

**Mark S. Frankel**, INS board member and Director of Scientific Responsibility, Human Rights and Law Program at AAAS contributed to the recently released publication *Superhumans* <http://www.fundacionbankinter.org/en/publications/superhumans>

**Fabrice Jotterand** will be published in *Handbook of Neuroethics* with his feature, "Real-time Functional Magnetic Resonance Imaging (rtfMRI)- Brain Computer Interfacing in the Assessment and Treatment of Psychopathy: Potential and Challenges"

Congratulations to **Fabrice Jotterand** and **Karen Rommelfanger** as the newest members of the INS Nominating Committee! Fabrice is originally from Switzerland and is Associate Professor in the Department of Health Care Ethics at Regis University. Karen is the Program Director of Emory University's Neuroethics Program at the Center for Ethics and is an Assistant Professor in the Department of Neurology with a secondary appointment in the Department of Psychiatry.

[www.regis.edu/RHCHP/Academics/Departments-and-Faculty/Department-of-Health-Care-Ethics/Jotterand-Fabrice.aspx](http://www.regis.edu/RHCHP/Academics/Departments-and-Faculty/Department-of-Health-Care-Ethics/Jotterand-Fabrice.aspx)  
[http://www.neurology.emory.edu/faculty/movement\\_disorder/rommelfanger\\_karen.html](http://www.neurology.emory.edu/faculty/movement_disorder/rommelfanger_karen.html)

**Peter Reiner** and **Judy Illes** were featured in *The Vancouver Sun* with an opinion piece, "Opinion: What science does with human brain is subject to great debate". See this piece here:

[www.vancouversun.com/health/Opinion+What+science+does+with+human+brain+subject+great+debate/9601484/story.html](http://www.vancouversun.com/health/Opinion+What+science+does+with+human+brain+subject+great+debate/9601484/story.html)

**Michael Gazzaniga** and **Kent Kiehl** contributed to *Predictive Accuracy in the Neuroprediction of Rearrest* in *Social Neuroscience*. See their contribution here:

[www.ncbi.nlm.nih.gov/pubmed/24720689](http://www.ncbi.nlm.nih.gov/pubmed/24720689)

**Kent Kiehl** was interviewed by **Greg Miller** in *Wired's*, "What It's Like to Spend 20 Years Listening to Psychopaths" on April 17th.

**Kent Kiehl** published a new book on psychopathy: *The Psychopath Whisperer*. In addition to conducting research on incarcerated psychopaths, Kiehl has served as an expert witness in criminal cases involving psychopathy.

**Judy Illes** has been renamed one of the eight Canada Research Chairs for the University of British Columbia

**Greg Miller** wrote *Inside the Strange New World of DIY Brain Stimulation* on *Wired*. See the article at: [www.wired.com/2014/05/diy-brain-stimulation/all/1](http://www.wired.com/2014/05/diy-brain-stimulation/all/1)

**Ahmed Dahir Mohamed**, CPsychol at The University of Nottingham was published in the *Journal of Creativity in Mental Health* on cognitive enhancement and creativity.

**Amanda C. Pustilnik** wrote *Painful Disparities, Painful Realities: How Chronic Pain Neuroimaging Should Change the Law* in the University of Maryland Legal Studies Research Paper

**Eric Racine** was involved in writing *Magnetic Resonance Imaging (MRI) and Prognostication in Neonatal Hypoxic-Ischemic Injury: A Vignette-Based Study of Canadian Specialty Physicians* in the *Journal of Child Neurology*

**Eric Racine** contributed to *Disclosure, Consent, and the Exercise of Patient Autonomy in Surgical Innovation: A Systematic Content Analysis of the Conceptual Literature*, Published by Taylor & Frances

**Eric Racine** wrote *Generating genius: how an Alzheimer's drug became considered a 'cognitive enhancer' for healthy individuals*, published in *BMC Medical Ethics*

**Barbara Sahakian** spoke on *Curing Mental Health* at the Davos World Economic Forum. Watch the video here: <https://www.youtube.com/watch?v=worqvUbYMSA>

**Barbara Sahakian** was invited to write for Sir John Beddington, previous Government Chief Scientific Adviser, on the subject of achieving brain health for a flourishing society within the next decade. <http://dx.doi.org/10.1016/j.neubiorev.2014.04.002>

**Barbara Sahakian** was also asked to write a piece based on this article for *The Conversation*, entitled 'Five brain challenges we can overcome in the next decade' <http://theconversation.com/five-brain-challenges-we-can-overcome-in-the-next-decade-25975>

## Calendar

- **June 6-7, 2014: Law and Neuroscience: Revising the Legal Standard for Insanity:** The European University Institute and the Centre for Judicial Cooperation are co-sponsoring *Law and Neuroscience: Revising the Legal Standard for Insanity* on June 6 – 7, 2014 at Sala Europa, Villa Schifanoia. Additional information about the conference, including the program and registration, is available at <http://ethicalbrain.blogspot.it/2013/11/neurolaw-conference-on-6-7-june-2014.html>
- **June 18-20, 2014: Harvard Clinical Bioethics Course.** This Course is specifically designed for members of ethics committees and interested staff of health care facilities who come from a variety of clinical and academic backgrounds. Check out the calendar on our INS website for more information.
- **June 22-26: CINP World Congress of Neuropsychopharmacology in Vancouver, Canada.**
- **July 28-August 6, 2014 Neuroscience Boot Camp, University of Pennsylvania.** The Penn Neuroscience Boot Camp is designed to give participants a basic foundation in cognitive and affective neuroscience and to equip them to be informed consumers of neuroscience research.

Review our [event calendar online](#) and submit your events to [administrator@neuroethicssociety.org](mailto:administrator@neuroethicssociety.org)

### Welcome our Administrator, Elyssa!

#### What is your educational background:

I just completed my junior year at the University of Pennsylvania, and am majoring in Health and Societies, and concentrating in Health Care Markets and Finance.

#### How did you hear about the job?

I heard about the job through my good friend, and fellow Penn Quaker, Chelsea Ott. Chelsea majored in Health and Societies and was the INS Administrator when she was an undergrad at Penn. When she graduated, she recommended me for the position.

#### Why are you interested in the INS?

As a Health and Societies Major, I have had the opportunity to take many classes focussing on the ethics of biology and health. (I took a course in bioethics this spring with Dr. Jonathan Moreno at Penn, and loved it!). With the rise of innovations in medical research and technology today, especially in neuroscience, I think it is essential that the community is informed of the many ethical components involved.

#### What else are you interested in?

I am an avid swimmer. I've been swimming competitively since I was five years old and will be a captain of the Varsity Swim Team at Penn this fall.



## Social Media

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### Join the INS LinkedIn Group!

Would you like to access news, papers, meeting announcements, and job openings with a neuroethics focus, selected just for INS members? Then join the INS LinkedIn group! It is a benefit of your membership. You can also react to the postings and put up your own papers and announcements. To join, search for International Neuroethics Society on [LinkedIn](#)



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INS Newsletter

Elyssa Pedote, Editor

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Our mission is to promote the development and responsible application of neuroscience through interdisciplinary and international research, education, outreach and public engagement for the benefit of people of all nations, ethnicities, and cultures.

Questions and comments about the International Neuroethics Society should be directed to Karen Graham, Executive Director,

[kgraham@neuroethicssociety.org](mailto:kgraham@neuroethicssociety.org)