

Ethical Issues in Research with Invasive and Non-Invasive Neural Devices in Humans

October 26, 2017

8:30 AM – 6:00 PM

National Institutes of Health, Porter Neuroscience Research Center, Room 640

The workshop, organized by the NIH Clinical Center Department of Bioethics in association with the Neuroethics Division of the Multi Council Working Group of the NIH BRAIN initiative, will consider ethical issues and practical approaches specific to research with invasive and non-invasive neural devices. The plan for the day is to start with a brief overview of the state of the science with neural devices (session 1), followed by three sessions to discuss ethical challenges and solutions: risk and invasiveness, challenges in informed consent, and post-trial responsibilities. The goal of the workshop will be to draft points to consider on these topics for investigators, IRB members, and BRAIN initiative program officers, as well as to identify areas where more research and guidance is needed.

Agenda

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| 8:30 – 9:00 AM | Welcome/introductions |
| 9:00 – 10:00 AM | Overview of state of the science neural devices – Invasive and non-invasive
<i>Drs. Sameer Sheth and Sarah H. Lisanby</i> |
| 10:00 – 10:20 AM | Break |
| 10:20 – 12:10 PM | Panel 1: Invasiveness and analysis of risk
<i>Drs. Andre Machado, Paul Ford, Joe Fins, Anna Wexler</i>
Moderator: Dr. Khara Ramos |
| 12:10 – 12:40 PM | Lunch |
| 12:40 – 2:30 PM | Panel 2: Challenges in Informed consent
<i>Drs. Scott Kim, Hannah Maslen, Eran Klein, Frank Miller</i>
Moderator: Dr. Winston Chiong |
| 2:30 – 2:50 PM | Break |
| 3:00 – 4:55 PM | Panel 3: Post-trial responsibilities
<i>Drs. Helen Mayberg, Michael Kelly, Katrina Hutchison, Sara Goering</i>
Moderator: Dr. Karen Rommelfanger |
| 4:55 – 5:15 PM | Sum up
<i>Dr. Christine Grady</i> |
| 5:15 – 6:00 PM | Reception |