Brain Research through Advancing Innovative Neurotechnologies® (BRAIN) Multi-Council Working Group (MCWG) – Neuroethics Workgroup Meeting

Agenda – Tuesday, February 9, 2016

National Institutes of Health
6001 Executive Boulevard, Rockville, MD
Conference Rooms A1/A2

8:30 am  Welcome and Introductions
          Walter Koroshetz, MD, NINDS

9:00 am  Update on Complementary Neuroethics Efforts
          Neuroethics Workgroup members

9:20 am  Overview of the Day
          Khara Ramos, PhD, NINDS

9:30 am  BrainGate: Toward a Fully Implantable, Intracortical Brain-Computer Interface
          Leigh Hochberg, MD, PhD, MGH and Brown

9:45 am  Neurophysiologically-Based Brain State Tracking & Modulation in Focal Epilepsy
          Gregory Worrell, MD, PhD, Mayo Clinic

10:00 am Ethical Considerations in the Study of Deep Brain Stimulation in the Central Nervous System to Treat Cognitive Impairment Following Traumatic Brain Injuries
          Nicholas Schiff, MD, and Joseph Fins, MD, Weill Cornell

10:15 am Discussion
          Moderated by Christine Grady, MSN, PhD, NIH

10:35 am BREAK

11:00 am Ethical Issues in Human Intracranial Neurophysiology Research
          Edward Chang, MD, UCSF

11:15 am Penn Restoring Active Memory Program
          Michael Kahana, PhD, U Penn
11:30 am  
**Discussion**  
*Moderated by Hank Greely, JD, Stanford*

11:45 am  
**Background and update on MCWG and BRAIN Neuroethics Workgroup**  
*Christine Grady, MSN, PhD, NIH*

12:10 pm  
**BREAK (to get food and return for working lunch)**

12:30 pm  
**WORKING LUNCH: Prioritization of Issues: 1) Broad Areas of Ethical Concern; 2) Guidance Documents; 3) Topics for Neuroethics Research**  
*Christine Grady, MSN, PhD, NIH, and Hank Greely, JD, Stanford*

1:50 pm  
**BREAK**

2:15 pm  
**NIH/NSF/DARPA/IARPA/FDA Panel Discussion**  
How might each agency contribute to the broader effort to advance neuroethics?

3:00 pm  
**Determining Workgroup Next Steps: Goals and Deliverables**  
*Christine Grady, MSN, PhD, NIH, and Hank Greely, JD, Stanford*

4:10 pm  
**Future Workgroup Schedule/Process**  
*Khara Ramos, PhD, NINDS*

4:25 pm  
**Closing Remarks**  
*Walter Koroshetz, MD, NINDS*

4:30 pm  
**ADJOURN**