GLOBAL NEUROETHICS SUMMIT | 2020

NEUROETHICS PRINCIPLES

A source of existing principles for neuroscience/neurotechnology research and utilization to guide governments and innovators

Prepared by: Stepheni Uh & Zone Li
Updated March, 2020

Common aim:

- To address and promote dialogue regarding the ethical, legal, and social challenges and implications of novel neurotechnologies and overall neuroscientific research

Sources:

1. OECD, 2019
2. NIH BRAIN Initiative, 2018

Recommendation of the Council on Responsible Innovation in Neurotechnology (OECD, 2019)	**Principles:** 1. Promote responsible innovation 2. Prioritize safety assessment 3. Promote inclusivity 4. Foster scientific collaboration 5. Enable societal deliberation 6. Enable capacity of oversight and advisory bodies 7. Safeguard personal brain data and other information 8. Promote cultures of stewardship and trust across the public and private sector **9.** Anticipate and monitor potential unintended use and/or misuse
Neuroethics Guiding Principles for the NIH BRAIN Initiative (Greely, et al. 2018)	**Principles:** 1. Make assessing safety paramount 2. Anticipate special issues related to capacity, autonomy, and agency 3. Protect the privacy and confidentiality of neural data 4. Attend to possible malign uses of neuroscience tools and neurotechnologies 5. Move neuroscience tools and neurotechnologies into medical and nonmedical uses with caution 6. Identify and address specific concerns of the public about the brain 7. Encourage public education and dialogue 8. Behave justify and share the benefits of neuroscience research and resulting technologies