

Brain Matters-V Arizona
May 28-29, 2015
Scottsdale Resort and Conference Center
Conference Agenda

Thursday, May 28, 2015

10:00 am to 11:00 am	Check-in
11:00 am to 12:00 pm	<p>Opening Address: <i>What Do You Do with a Problem Like Neurotechnology?</i> Keynote Speaker – Jonathan D. Moreno</p> <p>Jonathan D. Moreno is an American philosopher and historian who specializes in the intersection of bioethics, culture, science, and national security, and has published seminal works on the history, sociology and politics of biology and medicine</p>
12:00 pm – 1:00 pm	Lunch
1:00 pm – 2:00 pm	<p>Biomarkers and the Law</p> <p>Gary Marchant, Professor, Arizona State University College of Law <i>Biomarkers of Concussive Injury: Policy, Legal and Ethical Implications</i></p> <p>Jalayne Arias, Assoc. Dir. NeuroEthics Program, Cleveland Clinic <i>The Disclosure Debate in Alzheimer's: Contrasting Preclinical Biomarkers with Genetics</i></p>
2:00 – 2:15 pm	Health Break
2:30 pm – 5:30 pm	<p>The Expanding Scope of Deep Brain Stimulation</p> <p>Chairs: Steve Helms-Tillery, Assoc. Professor, Arizona State University Francisco Ponce, MD, Barrow Neurological Center, <i>Rewiring the brain: Ethical issues in deep brain stimulation</i></p> <p>Marleen Eijkholt, Asst. Professor, Davidson College <i>Shaking up the Debate: Deep Brain Stimulation for Early Stage Parkinson's Disease</i></p> <p>Carolyn Plunkett, PhD Candidate, City University of New York <i>Teens and Research: Should we enroll adolescents in trials of deep brain stimulation for anorexia nervosa</i></p> <p>Dan Morrison, Pepperdine University <i>Removing Brain Implants: Problematic Outcomes in Deep Brain Stimulation</i></p>
5:30 – 6:30 pm	Cocktail Reception
6:30 pm – 8:00 pm	<p>Dinner</p> <p>Plenary Speaker: Charles Weijer, MD, PhD, University of Western Ontario <i>Functional MRI studies in ICU patients after severe brain injury: New opportunities, new ethical challenges</i></p>

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8:00 am – 8:30 am	Continental Breakfast
8:30 am -11:30 am	<p>Bioengineering the brain, Part 1: Neuroprosthetics Chairs: Stephanie Naufel Joe Francis, Assoc. Professor State University of New York Downstate Medical School <i>Toward a Fully Bidirectional and Autonomous Brain Machine Interface</i> Dawn Taylor, Asst. Professor, Case Western Reserve University, <i>Letting the brain guide how we restore lost motor function after paralysis</i> Tabitha Moses, Masters Student, Johns Hopkins University, <i>The Ethical Implications of Emerging Neurotechnologies</i> Tom Buller, Professor, Illinois State University <i>Neuroprosthetics and the Conditions of Agency</i></p>
11:30 am – 1:00 pm	<p>Lunch Group Discussion: <i>Accelerating translational neuroscience: What's it going to take?</i> Jason Robert, Assoc. Professor, Arizona State University, Tempe , AZ Jennifer McCormick, Asst. Professor, Mayo Clinic and Medical School, Rochester, Minnesota Jane Roskams. PhD, Exec. Dir Strategy and Alliances, Allen Institute for Brain Science</p>
1:00pm – 4:00 pm	<p>Bioengineering the Brain, Part 2: The Future of Cell Transplants Chairs: Jason Robert, Assoc. Professor, Arizona State University, Tempe , AZ Sarah Stabenfeldt, Asst. Professor, Arizona State University Dave Brafman Karen Jacob, Research Coordinator, University of British Columbia <i>Trust and Transparency in the Communication About Stem Cells for Spinal Cord Injury</i> Leigh Turner <i>U.S. Clinics Marketing Unapproved "Stem Cell" Interventions for Neurological Disorders: Ethical Issues and Regulatory Concerns</i></p>
4:00 pm – 4:30 pm	Wrap-up and Closing Remarks