Weekly Colloquium
Tuesday, 10/3/2017, 12:30pm, Billings Building – Rosedale Conference Room

“Neurologists Listening to Neurons: BrainGate Research toward the Restoration of Communication and Mobility”

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Research Abstract:
Intracortically-based Brain-Computer Interfaces (iBCI) are poised to revolutionize our ability to restore lost neurologic functions. The BrainGate research team is conducting a multi-site pilot clinical trial (IDE) of an iBCI system, seeking to determine the feasibility of persons with tetraplegia from cervical spinal cord injury, brainstem stroke, muscular dystrophy, or ALS controlling a computer cursor or other devices simply by imagining arm or hand movement.

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