



Joseph T. Francis, PhD

Professor

Biomedical Engineering and the Dept. of
Electrical and Computer Engineering

*The Influence of Reward, Punishment and Effort on the
Sensorimotor Cortices (PMd, PMv, M1, and S1)*

Joseph T. Francis graduated from the honors program in biology at SUNY Buffalo in 1994. Subsequently he studied neural dynamics with an emphasis on non-linear dynamical systems theory applied to the nervous system, as well as ephaptic interactions at The George Washington University in Washington DC, PhD 2000. He conducted two post-doctoral fellowships, the first was in computational sensorimotor control and learning under the guidance of Reza Shadmehr at Johns Hopkins University. He then moved onto sensorimotor Brain Machine interfacing with John Chapin at SUNY Downstate, where he later took on a faculty position. In 2015 Prof. Francis moved to the University of Houston where he is a Prof. in the departments of Biomedical Engineering and the Dept. of Electrical and Computer Engineering.