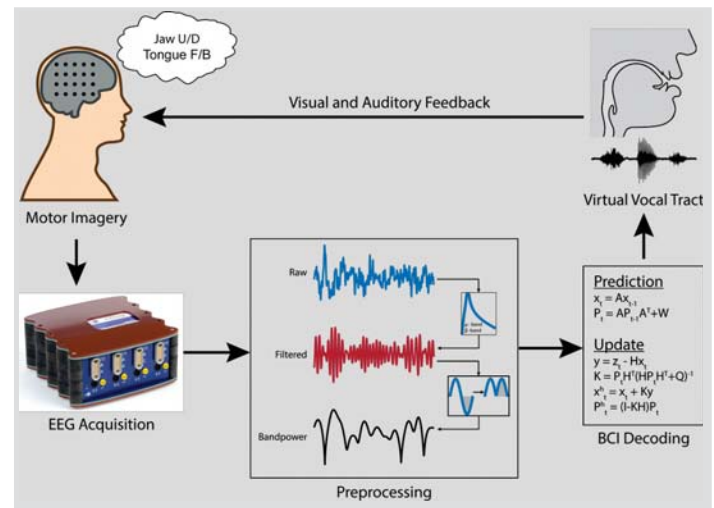# Speech and Applied Neuroscience Lab

Research:

Brain-computer interface for restoring speech and communication due to paralysis

Neuroscience of speech motor control

Electroencephalography, electromyography

Device evaluation with individuals with amyotrophic lateral sclerosis, brainstem stroke, locked-in syndrome
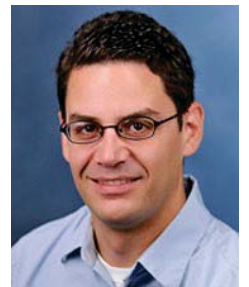

Tracks:

Bioimaging
Biomechanics & Neural Engingeering
Biomedical Product Design & Development

Funding:

Past funding from: NIH, NSF, American Speech-Language-Hearing Foundation

Director:
Jon Brumberg, Ph.D.
Associate Professor, Speech-language-Hearing, Courtesy Assistant Professor, Electrical Engineering and Computer Science

brumberg@ku.edu

Courses:
Speech Science: Anatomy & Physiology
Speech Perception
Applications in MATLAB Programming

Go to sanlab.ku.edu to learn more.