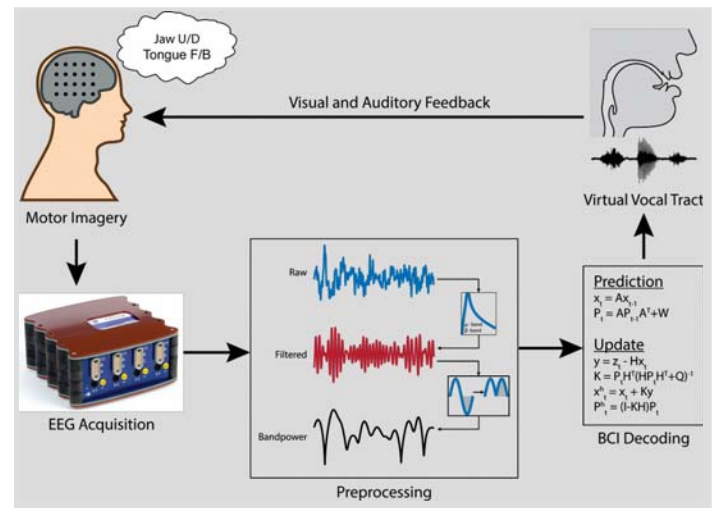


# Speech and Applied Neuroscience Lab

## 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:

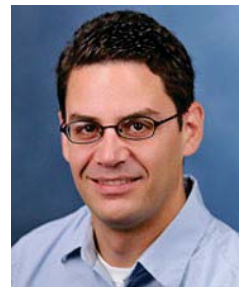
Bioimaging  
Biomechanics & Neural Engineering  
Biomedical Product Design & Development

## Funding:

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

## Director:

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



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## Courses:

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

Go to [sanlab.ku.edu](http://sanlab.ku.edu) to learn more.