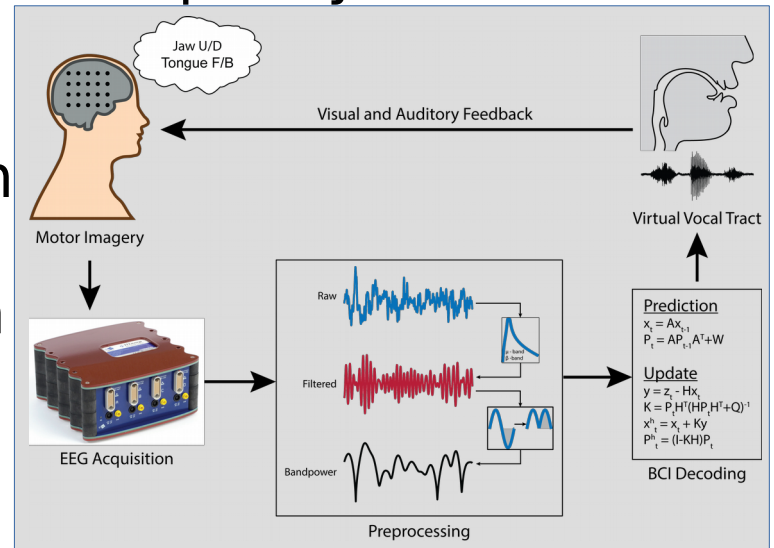


Speech and Applied Neuroscience Lab

Research:

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

Neuroscience of speech motor control
Electroencephalograph
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
brumberg@ku.edu



Courses:

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

Go to sanlab.ku.edu to learn more.

Biodynamics Research Lab

Research:

Biomechanics of Balance
Gait and Motor Control
Markers of
Postural
Instability in
Parkinson's Disease
Experimentation, In
Modeling.



Collaborating Faculty:

Movement Disorders: Drs. Lyons and Pahwa
Neurology: Dr. Hamburg, Dance

Tracks:

Biomechanics and Neural Engineering
Biomedical Product Design and Development



Director:

Carl W. Luchies, Ph.D.
(U Michigan, 1991)
Associate Professor,
Mechanical Engineering
luchies@ku.edu



Courses:

Biomechanics of Human Motion
Experimental Methods in
Biomechanics

Go to www.bio.engr.ku.edu to learn
more.

Funding Opportunities

At vero eos et accusamus et iusto odio dignissimos ducimus qui blanditiis praesentium voluptatum

Accusamus et iusto
Quidem rerum
Blanditiis Praesentium Har
Officia Deserunt Mollitia



Funding Sources:

Sint occaecati cupiditate non provident
Similique sunt in culpa qui officia

Offers:

Biomechanics and Neural Engineering
Sint occaecati occaecati cupiditate non
Occaecati cupiditate non provident
Biomedical Product Design and Development



Cost of Living:

Similique sunt in culpa qui officia
Mollitia animi, id est laborum et dolorum
Biomechanics and Neural Engineering
Biomedical Product Design and Development

Self Graduate Fellows Program:

Mollitia animi, id est laborum et dolorum
Biomechanics and Neural Engineering
Biomedical Product Design and Development

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more.