Neuroengineering:
Insights from Brain-Machine Interfaces
Friday, March 18 MCVAA Conference Center
Program

8:00-9:00am   **Registration**
Continental Breakfast for all attendees
Students and postdoctoral fellow breakfast with the symposium speakers

9:00-9:10   ***Welcoming remarks***
M. Alex Meredith, Ph.D.
CVCSN President
Professor, Department of Anatomy and Neurobiology, VCU

9:10 – 10:10   ***Design and construction of biomechanical therapeutics***
Peter Pidcoe, PT, Ph.D.
Associate Professor, Department of Physical Therapy, VCU

10:10 – 10:30 Coffee break

10:30 – 11:30   ***Recent Progress Toward Dextrous Brain-Computer Interfaces***
Andrew Schwartz, Ph.D.
Professor, Department of Neurobiology, University of Pittsburgh, Pittsburgh, PA.

11:30 – 12:30   ***A Computational Perspective on Neuronal Representations***
Thomas J. Anastasio, Ph.D.
Associate Professor of Molecular and Integrative Physiology, Beckman Institute
of Neurotechnology, University of Illinois, Urbana, IL

12:30 – 1:30 Lunch

1:30 – 2:30   ***The Challenge of Integrating Chronic Recording Devices into the Central Nervous System***
Patrick A. Tresco, Ph.D.
Professor and Chair, Department of Bioengineering, College of Engineering,
University of Utah, Salt Lake City, UT

2:30 – 3:30   ***Revolutionizing Prostheses***
Geoffrey Ling, MD, Ph.D.
Colonel US Army Med Corps, Professor and Vice-Chair of Neurology
Uniformed Services University of the Health Sciences, Bethesda MD.

3:30   Coffee and Informal Social