



Boston University Office of Research

Research on Tap

Neuromonitoring Brain Health and Recovery

September 21, 2022 | 3:30-5:30 PM | Kilachand Center

WELCOME

Gloria Waters
Swathi Kiran

Vice President and Associate Provost for Research
Founding Director, Center for Brain Recovery; Professor,
Neurorehabilitation, SAR

PRESENTATIONS

Using Electrical Current to Selectively Improve Different Memories in Older People
Robert Reinhart, PhD, Assistant Professor, Psychological & Brain Sciences, CAS; Biomedical Engineering, ENG

Phrase Structure Building in the Brain
Matthew Nelson, PhD, Assistant Professor, Neurosurgery, Heersink School of Medicine, University of Alabama at Birmingham; BU Visiting Scholar

Characterizing and Enhancing Sustained Attention
Mike Esterman, PhD, Associate Professor, Psychiatry, MED

Toward Neuroscience of the Everyday World Using Functional Near-Infrared Spectroscopy
David Boas, PhD, Professor, BME, ENG; Director, Neurophotonics Center

Connectome Fingerprinting: Individualized Predictions of Human Brain Functional Organization
David C. Somers, PhD, Professor and Chair, Psychological & Brain Sciences, CAS

Precision Brain Health Initiative
Rhoda Au, PhD, Professor, Anatomy & Neurobiology; Neurology, MED; Epidemiology, SPH

Blood Biomarkers for Cognitive Impairment and Risk of Alzheimer's Disease and Related Dementias
Hugo J. Aparicio, MD, MPH, Assistant Professor, Neurology, MED

Towards the Development of Screening Tools for Dementia Assessment
Vijaya B. Kolachalama, PhD, FAHA, Associate Professor, Medicine, MED; Computational Biomedicine, CDS

Detecting and Classifying Non-Fluent Speech in Aphasia Using Machine Learning
Claire Cordella, PhD, CCC-SLP, Postdoctoral Fellow, Aphasia Research Laboratory, SAR

Using AI to Predict Recovery and Decline in the Damaged Brain
Swathi Kiran, PhD, CCC-SLP, Founding Director, Center for Brain Recovery; Professor, Neurorehabilitation, SAR

Upcoming Events

RESEARCH ON TAP

Our Genome in the 21st Century

Monday, October 24, 2022 | 4-6 pm

Artificial Intelligence for Biomedicine and Healthcare

Wednesday, November 9, 2022 | 4-6 pm

Developing Technologies for a Sustainable Future

Wednesday, December 7, 2022 | 4-6 pm

RESEARCH HOW-TO

Introduction to SciVal, Bibliometrics Database

Thursday, September 22, 2022 | 1-2:30 pm

Introduction to the Dimensions Database

Thursday, October 6, 2022 | 1-2:30 pm

Strategic Communications Workshop: Sharing Your Research on
Twitter

Wednesday, October 12, 2022 | 3-4 pm

DARPA, ARPA-E, and ARPA-H: How to Work with the ARPA's

Thursday, October 13, 2022 | 3-4 pm

Learn more and RSVP:

bu.edu/research/events



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