

# 5<sup>th</sup> ANNUAL NEURAL ENGINEERING RESEARCH SYMPOSIUM

**Theme: Neurotechnology and Neuromodulation in Injury and Disease**

## October 25, 2021

- 8:45 am – 8:55 am Welcome to the 5<sup>th</sup> Annual Virtual Neural Engineering Research Symposium at University of Miami, **W. Dalton Dietrich, PhD**, Scientific Director, The Miami Project to Cure Paralysis, Senior Associate Dean for Discovery Science, Professor of Neurological Surgery, Neurology, Biomedical Engineering and Cell Biology, Leonard Miller School of Medicine, Co-Director, Institute for Neural Engineering  
**Suhrud Rajguru, PhD**, Associate Professor, Biomedical Engineering and Otolaryngology, Assistant Director, UM CTSI Team Science, Co-Director, Institute for Neural Engineering
- 8:55 am – 9:00 am Introduction of keynote speaker by **Patrick Ganzer, PhD**
- 9:00 am – 9:50 am **Keynote:**  
**Robert Rennaker, PhD**  
Associate Director, Texas Biomedical Device Center  
Texas Instruments Distinguished Chair in Bioengineering  
  
**Michael P. Kilgard, PhD**  
Interim Executive Director, Texas Biomedical Device Center  
Margaret Fonde Jonsson Professor

### Session Chairs: Patrick Ganzer, PhD and Abhishek Prasad, PhD, University of Miami

- 10:00 am – 10:25 am Student Presentations
- 10:30 am – 10:55 am **Patrick Ganzer**, Assistant Professor, Biomedical Engineering, UM
- 11:00 am – 11:25 am **Aysegul Gunduz**, Associate Professor, UF Research Foundation Professor, UF Term Professor
- 11:30 am – 11:55 am **Corneliu Luca**, Associate Professor, Clinical Neurology, Director, DBS Program, UM
- 12:00 pm – 12:30 pm Panel Discussion

## October 26, 2021

### Session Chairs: Andrew Dykstra, PhD and Courtney Dumont, PhD, University of Miami

- 9:00 am – 9:25 am Student Presentations
- 9:30 am – 9:55 am **Katlyn Meier**, Assistant Professor, Chemistry, UM
- 10:00 am – 10:25 am **Srinivasa Subramaniam**, Associate Professor, Neuroscience, Scripps
- 10:30 am – 10:55 am **Oliver Bracko**, Assistant Professor, Biology, UM
- 11:00 am – 11:05 am Introduction of keynote speaker by **Courtney Dumont, PhD**
- 11:05 am – 11:55 am **Keynote:**  
**Steve Cramer, MD**  
Professor of Neurology, UCLA  
Medical Director of Research at California Rehabilitation Institute
- 12:00 pm – 12:30 pm Panel Discussion

#### Contact Information:

Abhishek Prasad, PhD  
Associate Professor, Biomedical Engineering, UM  
a.prasad@miami.edu



UNIVERSITY OF MIAMI  
INSTITUTE for  
NEURAL ENGINEERING

