LEWIS KATZ SCHOOL OF MEDICINE AND COLLEGE OF ENGINEERING  
AT TEMPLE UNIVERSITY PRESENT:

Building the Bridge 2021

Topics & Featured Speakers

Acousto-Bioelectronics for Brain  
Albert Kim, PhD

Machine learning in Signal & Image Processing  
Iyad Obeid, PhD, PhD

Recovery from spinal cord injury: genetics and kinematics  
Andrew Spence, PhD

Axonal sprouting, regeneration & seizure activity  
Thomas Campion, BS

Improving Tuberous Sclerosis Complex-Related Brain Alterations  
Bethany Terry, PhD Candidate

Cerebrovascular dysfunction in Alzheimer's disease: mechanisms & therapeutic strategies  
Silvia Fossati, PhD

Saturday, March 13th  
10:00 AM – 12:30 PM  
2nd LKSOM/COE Virtual Mini-Symposium to Explore, Expand & Build Collaborative Research

https://temple.zoom.us/j/92081303302
Building the Bridge
March 13, 2021

10:00-10:10  Welcoming remarks
             John Daly, MD, Dean LKSOM
             Keya Sadeghipour, PhD, Dean, College of Engineering

             Introductions
             Dianne Langford, PhD, Associate Dean, Research LKSOM
             Peter Lelkes, PhD, Professor & Chair, Department of Bioengineering

10:10-10:30  Acousto-Bioelectronics for Brain
             Albert Kim, PhD
             Assistant Professor, Electrical and Computer Engineering

10:30-10:50  Machine learning in Signal & Image Processing
             Iyad Obeid, PhD
             Associate Professor, Electrical and Computer Engineering

10:50-11:10  Recovery from spinal cord injury: genetics and kinematics
             Andrew Spence, PhD,
             Associate Professor, Department of Bioengineering

11:10-11:30  Axonal sprouting, regeneration & seizure activity
             Thomas Campion, BS
             PI: George Smith, Shriners Hospitals Pediatric Research Center

11:30-11:50  Improving Tuberous Sclerosis Complex-Related Brain Alterations
             Bethany Terry, PhD candidate
             PI: Seonhee Kim, Shriners Hospitals Pediatric Research Center

11:50-12:10  Cerebrovascular dysfunction in Alzheimer's disease: mechanisms
             & therapeutic strategies
             Silvia Fossati, PhD
             Associate Professor, Alzheimer’s Center at Temple University

12:10 – 12:30  Discussion