THE OHIO STATE UNIVERSITY DEPARTMENT OF SURGERY CENTER FOR RESEARCH, EDUCATION, AND TRANSDISCIPLINARY EXPLORATION (CREATE) AND THE CENTER FOR MINIMALLY INVASIVE SURGERY (CMIS) PRESENTS

CREATE
Surgical Innovations Symposium

Friday, April 26th, 2019
Biomedical Research Tower 115
For more information please contact Abby George at Email: abby.george@osumc.edu or Phone: 614.293.9072

THE OHIO STATE UNIVERSITY
WEXNER MEDICAL CENTER
Friday, April 26, 2019

7:45AM  Registration & Continental Breakfast

8:45AM  Opening Remarks-
Daniel Vazquez, MD, MSc, FACS, Timothy Pawlik, MD, MPH, MTS, PhD, FACS, FRACS

9:00AM  Innovation Opportunities
Tanya Nocera, PhD, Tim Radersdorf, MSN, RN, Leon Madrid, Jian Chen, PhD

9:45AM  Panel Discussion – Questions & Answers

10:00AM  Military and Aerospace
Steven Schulz, MD, Peter Lee, MD, PhD, MPH, Cameron Rink, PhD, MBA

10:45AM  Panel Discussion – Questions & Answers

11:00PM  LUNCH

12:00PM  Surgical Subspecialties
Desmond D'Souza, MD, Daniel Vazquez, MD, MSc, FACS, Scott Lilly, MD, PhD, Prasad Dasi, PhD

12:45PM  Panel Discussion – Questions & Answers

1:00PM  Virtual Reality and Other Technologies
Daniel Gallego-Perez, PhD, Doug Danforth, PhD, Sheryl Pfeil, MD, AGAF

1:45PM  Panel Discussion – Questions & Answers

2:00PM  High Fidelity Simulation for Cardio-Thoracic Surgery Training
Nahush Mokadam, MD

2:45PM  Panel Discussion – Questions & Answers

3:00PM  Debrief: Pitfalls and Success Stories of Surgical Innovation
Bradley Needleman, MD, FACS, FASMBS

3:30PM  Adjourn
Keynote Speaker:
Nahush Mokadam, MD
Professor and Director
G.S. Kakos, MD and T.E. Williams, Jr., MD, PhD Endowed Professor in Cardiac Surgery Division of Cardiac Surgery

Course Director:
Daniel Vazquez, MD, MSc, FACS
Assistant Professor of Surgery
Medical Director Surgical Intensive Care Unit
Associate Director Surgical Critical Care Fellowship
Executive Director CREATE – Surgical Innovations Center
Division of Trauma, Critical Care and Burn

OSU Affiliated Speakers:
Jian Chen, PhD
Associate Professor, Computer Science and Engineering

Doug Danforth, PhD
Academic Program Director, LeadServeInspire, Part One
Associate Professor, Department of Obstetrics and Gynecology

Lakshmi Dasi, PhD
Associate Professor of Biomedical Engineering
Associate Professor of Surgery
Associate Professor of Physiology and Cell Biology

Desmond D’Souza, MD
Assistant Professor
Division of Thoracic Surgery

Daniel Gallego-Perez, PhD
Assistant Professor
Department of Biomedical Engineering
Department of Surgery

Peter Lee, MD, PhD, MPH
Assistant Professor of Surgery, Department of Surgery

Scott Lilly, MD, PhD
Associate Professor
The Ohio State University Wexner Medical Center
Division of Cardiovascular Medicine
Medical (Interventional) Director, Structural Heart Disease Program

Leon Madrid
Professor – Industry Collaboration
Computer Science & Engineering Department
Bradley Needleman, MD, FACS, FASMBS
The Edwin H. and E. Christopher Ellison Professor of Surgery
Vice Chair for Strategy and Clinical Operations
Director, Center for Minimally Invasive Surgery
Medical Director, Weight Management and Bariatric Surgery

Tanya Nocera, PhD
Assistant Professor – Clinical
Department of Biomedical Engineering

Timothy Pawlik, MD, MPH, MTS, PhD, FACS, FRACS
Professor and Chair, Department of Surgery
The Urban Meyer III and Shelley Meyer Chair for Cancer Research
Professor of Surgery, Oncology, and Health Services Management and Policy
Surgeon in Chief, The Ohio State University Wexner Medical Center

Sheryl Pfeil, MD, AGAF
Professor of Clinical Medicine
Medical Director
Clinical Skills Education and Assessment Center
The Ohio State University College of Medicine and Wexner Medical Center

Tim Raderstorf, MSN, RN
Chief Innovation Officer

Cameron Rink, PhD, MBA
Associate Professor
Department of Neurological Surgery

Steven Schulz, MD
Assistant Professor
Department of Plastic Surgery

Special Guests:
CREATE Mentorship Scholars:

Priyanka Agochoya
Olentangy High School, 11th Grade
Virtual Reality for wound closure

Jack Haney
The Wellington School, 12th Grade
Dr. Daniel Gallego-Perez Lab – Winter/Spring
Dr. Daniel Vazquez BREATH Project – Spring/Summer

A special thank you to Abby George for coordinating this year’s symposium!