

## ACAIM 2023 July 14-16<sup>th</sup>, 2023

CLINICAL ACADEMIC BUILDING 1<sup>st</sup> Floor Auditorium  
125 Paterson Street  
New Brunswick, NJ 08901

Hotel Options  
Heldrich Hotel  
Hyatt

### **Thursday, July 13, 2023**

1:00 – 6:00 PM ACAIM RETREAT [by invitation only]  
Exec Dinner

### **Friday, July 14, 2023**

7:00 AM-8:30 AM **Board of Directors Meeting** CAB 3404  
Zoom link: check email [by invitation only]

8:00 AM Registration & breakfast

9:00 AM Welcome and Introductions

Dr. Mayur Narayan

Dean Amy Murtha

Vice-Chancellor Dr. Vicente Gracias

Dr. Ziad Sifri

President, ACAIM, RWJ

RWJ

RWJ

NJMS

9:30-10:00 AM **Dr. Mary Ann Hopkins** NYU

### **Surgical Education and Global Health: a Call to Action!**

#### Objectives:

1. Describe the importance of surgery in global health plans
2. State the reasons that surgery has been neglected as part of global health
3. List the impediments to incorporating surgery into public health plans

10:00 AM-12:00 PM **Dr. Reema Kar** RWJ

### **Global Health Equity: Past, Present, and Future**

#### Objectives:

1. Understand the origins of global health and how the field has evolved within the structural legacy of colonization.
2. Appreciate the spectrum of diversity in healthcare beyond visible barriers of race.
3. Understand what challenges threaten health equity both domestically and internationally

12:00-1:00 PM LUNCH

1:00-1:30 PM **Dr. Demetrius Litwin** UMASS

### **Global Surgery Perspective of a US Academic Medical Center: UMass Chan & UMass Memorial Health**

#### Objectives:

1. To outline the profound need for surgical services in low- and middle-income countries (LMICs.)
2. The goals and objectives to capacity build in LMICs.
3. Principles and strategies for collaboration.

## ACAAM 2023 July 14-16<sup>th</sup>, 2023

1:30-1:50 PM

**Dr. Lanre Eletta**

RWJ

### **Transplant Beyond the Walls of the Developed World**

#### Objectives:

1. Describe briefly the successes of transplantation
2. Describe the global challenges and the peculiarities of the developing world
3. Describe what some of these developing countries have done to surmount those challenges and what needs to be done in some of those countries, using Nigeria as case study

1:50-2:10 PM

**Dr. Robert Amajoyi**

UMKC

### **Finding “Your Why” Again: the 12 Steps**

#### Objectives:

1. Learn how to create worthy goals to change your life
2. Learn how to unlock the secret genie
3. Discover the secrets to staying in charge no matter what the circumstances are

2:30-2:50 PM

**Dr. Chris Harnish**

Thomas Jefferson

### **Building Outcomes: Quality Improvement Through Architectural Research and Design**

#### Objectives:

1. Understand how architectural design can help with QI processes
2. Identify new areas of architectural research resulting in improved quality
3. Understand limitations of architectural design related to quality outcomes

2:50-3:00 PM Break

3:00-3:20 PM

**Ms. Karen McQuillan**

Univ of MD Shock Trauma

### **Managing Agitation in Patients with Acute Traumatic Brain Injury**

#### Objectives:

1. Describe prevalence & possible predictive characteristics of agitation in patients w/ acute traumatic brain injury.
2. Demonstrate use of Agitation Behavior Scale to quantify agitation in patients with acute brain injury.
3. Utilize non-pharmacologic & pharmacologic interventions needed to manage agitation in acute traumatic brain injury.

3:-3:40 PM

**Dr. Ziad Sifri**

Rutgers Newark

### **Bridging the Gap: How Surgical Trips Can Create Academic and Research Opportunities**

#### Objectives:

1. Understand the goals of surgical trips and their limitations
2. Review and evaluate research opportunities on surgical trips
3. Review and evaluate academic opportunities on surgical trips

## ACAAM 2023 July 14-16<sup>th</sup>, 2023

3:40-4:00 PM **Dr. Gainosuke Sugiyama** Northwell LIJ

### **Lessons Learned from Expanding Global Surgery Programs: Northwell Experience**

#### Objectives:

1. Learn how comprehensive global surgery program was developed across two countries
2. Learn how to engage key stakeholders in developing global surgery program
3. Understand the importance of education in global surgery program

4:00-4:20 PM **Dr. James Cusack** MGH

### **Collaborative Cancer Research in LMIC and HIC**

#### Objectives:

1. Identify obstacles when establishing a research collaboration involving LMIC and HIC
2. Develop strategies to bolster success in international collaborations
3. Expand research infrastructure in LMIC

4:-4:30 PM Break

4:30-4:50 PM **Dr. Michael DeWane** MGH

### **Trauma Training & Capacity Building: Promoting the Excellence of Everyone**

#### Objectives:

1. Overview trauma training best practices
2. Highlight specific and ongoing educational and capacity building efforts
3. Discuss next steps of increased recruitment into capacity building efforts

4:50-5:10 PM **Dr. Edgar Rodas** VCU

### **On the move: Examining the benefits of Mobile Surgery**

#### Objectives:

1. Understand how mobile surgery impacts quality of care
2. Understands limitation of mobile surgery
3. Identify new areas of potential growth in mobile surgery

5:10-5:30 PM **Dr. Phil Barie** Weill Cornell **KEYNOTE ADDRESS**

### **Sepsis and Organ Dysfunction: What Every Academician Needs to Know**

1. Review new definitions for sepsis
2. Describe the changing epidemiology of organ dysfunction
3. Review pivotal studies that have enhanced prevention and management of organ dysfunction

6:30-7:30 PM **Cocktail hour** Rutgers RWJ Atrium

7:30 PM - **Gala Dinner** at Rutgers RWJ Atrium: Buffet Dinner: Dr. Narayan Talk: FAIM Awards

## ACAIM 2023 July 14-16<sup>th</sup>, 2023

### Saturday, July 15, 2023

7:00-7:50 AM **Board of Governors Meeting** CAB 3404  
Zoom link: check email [by invitation only]

7:30-8:00AM Registration & breakfast

8:00-8:30 AM **Mr. Piyush Tewari** (VIDEO) SaveLIFE Foundation

### **Transforming Trauma Care in India**

#### Objectives:

1. Understand the current state of trauma care in India
2. Identify major gaps to be filled
3. Demonstrate the path forward improving the system.

8:30-9:00 AM **Dr. Dinesh Vyas** (VIDEO) Adventist Health

### **Innovation in Scaling Prehospital Trauma Care Education**

#### Objectives:

1. Understand use of Massive Open Online Courses (MOOCs) in Prehospital Care
2. Understand opportunities of AR/VR in Prehospital Care
3. Identify areas of growth in educational constructs to improve prehospital care

9:00-9:30 AM **Dr. Leyla Turker** (VIDEO) Rota Meta

### **Metaverse and Future of Surgery**

#### Objectives:

1. Understand the virtual operating room
2. Learn about the Surgery Metaverse Education Center
3. Understand what the Virtual Sport Center is for the post op period

9:30-9:45 AM BREAK

9:45-10:15 AM **Dr. Madani MD** Carolina Orthopedics  
(on behalf of Dr. Mark Perlmutter)

### **Outreach Medical Collaboration for Capacity Building**

#### Objectives:

1. How to organize outreach medical collaborations?
2. Mechanisms to build capacity through outreach medical collaboration
3. Complication avoidance in outreach medical collaboration

10:15-10:45 AM **Dr. Chris Dodgion** Univ. of Wisc. Milwaukee

### **Striving for Equity: An Academic Partnership Model in Ethiopia**

#### Objectives:

1. Describe the evolution of global surgery engagement
2. Be able to define global health equity
3. Understand the key principles to achieving an equitable collaboration
4. Identify several tools/programs that can strengthen a global partnership and increase its impact

## ACAAM 2023 July 14-16<sup>th</sup>, 2023

10:45-11:15 AM **Dr. Zoe Maher** Temple Univ

### **Building Successful Global Surgery Collaborations: The Temple University Experience**

#### Objectives:

1. Describe the evolution of global surgery
2. Understand the benefit of global surgery opportunity for surgical residents
3. Discuss challenges and successes of implementing a global surgery collaboration in an academic surgery department

11:15-11:30 AM BREAK

11:30 AM-12:00 PM **Dr. Vijay Mittal** (VIDEO) Ascension Providence Hospital

### **Disparities in global surgical education: can parity be achieved?**

#### Objectives:

1. Understand challenges in global surgical education
2. Identify common areas for accreditation
3. Understand roadmap for future to help fill surgical workforce shortages

12:00-12:30 PM **Dr. Sudha Jayaraman** Univ of Utah

### **Effective Global Surgical Collaborations – Experience from the University of Utah**

#### Objectives:

1. Explain the value of the surgical ecosystem
2. Understand the areas of work within the field of academic global surgery
3. Review examples of effective collaborations to advance surgical systems

12:30-1:30 PM LUNCH

**1:30-5:00 PM ABSTRACT PRESENTATIONS SESSION 1 CAB 3405**

1:30-1:50 PM **Dr. Eric Cioe-Pena** Northwell

### **Global Health in 23: A Focus on Ukraine telemed**

#### Objectives:

1. Understand the basic framework of telemedicine during Ukraine Conflict
2. Identify lessons learned from telemedicine in an all-virtual global health environment
3. Future state of telemedicine, tech and global health

1:50-2:10 PM **Dr. Jenn Rickard** Univ of Minnesota

### **Surgical Capacity Building - An Endurance Sport**

#### Objectives:

1. To define characteristics of surgical capacity building
2. To learn how to prepare for a capacity building program
3. To describe metrics that can be used to assess a capacity building program

## ACAIM 2023 July 14-16<sup>th</sup>, 2023

2:10-2:30 PM            **Ms. Varsha Singh**            RWJ

### **South Asian Total Health Initiative (SATHI)**

#### Objectives:

1. Understand what SATHI is
2. Identify strategies used by SATHI to educate, engage & empower the South Asian American community to promote wellness & health literacy
3. Understand how SATHI addressed health disparities and improves the delivery of culturally competent health care

2:30-2:45 PM            BREAK

2:45-3:05 PM            **Dr. Katayoun Madani**            Incision

### **Policy and Advocacy in Global Surgery**

#### Objectives:

1. To understand the role of advocacy in global surgery
2. Evaluate the current policies supporting access to surgical healthcare
3. Current educational landscape and need for global capacity building

3:05-3:25 PM            **Dr. Carrie Valdez**            Ohio State Univ

### **Getting started in Humanitarian Medicine**

#### Objectives:

1. How to choose your first international mission
2. Learn how to impact the local community for sustainable improvements in health
3. Understand how to get trainees involved

3:25-3:45 PM            **Dr. Parul Shukla**            Northwell

### **Mentorship, Collaboration & the Making of a Surgeon**

#### Objectives:

4. Understand the need for and importance of mentorship for surgeons
5. Appreciate the importance of collaboration in surgery
6. Encourage surgeons to plan their careers

3:45-4:05 PM            **Dr. Divya Kewalramani**            UPMC

### **From Scalpels to Algorithms: AI-Driven Surgical Innovations on a Global Scale**

#### Objectives:

1. Showcasing the impact of AI in surgical innovation
2. Addressing regulatory and ethical considerations
3. Advocating for global collaboration and partnerships

4:00-4:15            BREAK

## ACAIM 2023 July 14-16<sup>th</sup>, 2023

4:15-4:35 PM

**Dr. Abe Jaffe**

Boston Univ

### **Socially Responsible Surgery: The Path to Thinking Globally, Acting Locally**

#### Objectives:

1. Understand the vision and mission of the Socially Responsible Surgery (SRS) Organization
2. Understand the concept of surgical equity and ways that surgeons can work towards this
3. Understand how working locally towards surgical equity can effect change globally

5:00-5:30 PM

**Mr. Paul Mikita**

RWJ

### **Creating Throughput from Chaos: Evolution of Emergency Department Mass Casualty Incident Management**

#### Objectives:

1. Discuss the planning paradigm shift from Emergency Department centric to “Whole House” mass casualty response
2. Discuss the development of a hospital-based triage algorithm for comprehensive mass casualty management
3. Discuss the development of unidirectional throughput within an Emergency Department

5:30-6:00 PM

**Dr. Saikiran Murthy**

Montefiore

### **Surgical Process Mapping & New Frontiers in Surgeon Training**

#### Objectives:

1. Understand how to utilize intraoperative process mapping (IOPM) to detect performance variance in surgery
2. Understand how IOPM can identify and eliminate inefficiency during surgical care delivery
3. Understand how IOPM can be used for surgical milestone assessment in neurosurgical residency training
4. Understand how IOPM could be used as a process of surgical skills refinement for practicing surgeons

6:00-6:30 PM

**Dr. Madhur Uniyal**

AIIMS RISHIKESH

**PAST PRESIDENT’S LECTURE**

### **Battlefield of Hope: Trauma Story of a Himalayan State in India**

#### Objectives:

1. Learning to find local solutions for global trauma problems
2. Explain how systemic changes result in improved trauma outcomes
3. Understand how participation in advocacy and policy is as important as medicine to save lives

### **OPEN NIGHT TO EXPLORE NEW BRUNSWICK**

*Dinner on your own or with friends*

**SUNDAY, July 16, 23**

Time

7:30-8:30 AM Breakfast

8:00-8:30 AM **Dr. Adam Fox** NJMS

**Disaster Response: Flavors from Around the World**

Objectives:

1. Understand need for World Health Organization Emergency Medical teams
2. Review preparation needed to be a part of a disaster response team
3. Identify gaps in emergency medical teams development and sustainability

8:30-9:00 AM **Dr. Zaffer Qasim** UPenn

**Whole Blood: As Good as the Sum of its Parts?**

Objectives:

1. Understand the background of use of whole blood in trauma
2. Identify the differences between whole blood and component therapy
3. Be able to use the evidence from military and civilian use to develop a protocol for implementation in your center

**9:00 – 12:00 PM ABSTRACT PRESENTATIONS SESSION 2 CAB 3405**

9:00-9:30 AM **Dr. Navin Ariyaprakai**  
**Dr. Matt Steenberg** RWJ

**Medically Directed Rescue**

Objectives:

1. Define medically directed rescue
2. Explore the differences between medically directed rescue and common emergency care
3. Evaluate medically directed rescue care at several incidents

9:30-10:00 AM **Dr. Zach Englert** RWJ

**Military Lessons Learned for Civilian Trauma**

Objectives:

1. Understand how recent conflicts have influenced current civilian trauma care
2. Discuss several major innovations that directly resulted from lessons learned in war
3. Discuss the future of military trauma casualty care

10:00-10:15 AM BREAK



## ACAIM 2023 July 14-16<sup>th</sup>, 2023

10:15-10:45 AM      **Dr. Joelle Getrajdman**      RWJ

### **Simulation in Surgical Education: An International Perspective**

Objectives:

1. Provide an overview of the evolution of simulation in surgical education
2. Describe current models of both low- and high-fidelity simulation curricula in surgical education
3. Identify potential roles for simulation in the future of surgical education

10:45-11:15 AM      **Dr. Colleen Donovan**      RWJ

### **Teleporting Medicine: Tips on Tele-simulation for Future Physicians Across Time and Space**

Objectives:

1. Define tele-simulation
2. Discuss how tele-simulation can be used as an educational tool when time, space or distance is an issue
3. Describe some commonly available tools that may be used to create tele-simulations

11:15-11:45 AM      **Dr. Les Barta**      RWJ

### **Matching Objectives and Resources: Adapting Healthcare Simulation to High and Low Resource Settings**

Objectives:

1. Relate various simulation methodologies to equipment and materials available.
2. Distinguish high and low fidelity simulation learning environments used for various educational activities.
3. Determine processes for matching needs assessment information to adapting resources and capabilities.

11:45-12:30 PM      LUNCH

12:30-1:00 PM      **Ms. Diana Starace**      RWJ

### **Injury Prevention: Lessons Learned Locally that Could be Applied Globally**

Objectives:

1. Identify local data sources necessary to conduct a community needs assessment
2. Describe the process of capacity building in order to develop partnerships and collaborative relationships
3. Understand methods to recruit and sustain volunteers to support injury prevention initiatives

1:00-1:30 PM      **Dr. Greg Peck**      RWJ

### **Population-Based Research Design, Data, & Analyses Toward Prevention of Emergency Digestive Disease**

Objectives:

1. Review global access to emergency surgery
2. Review local prevention of emergency surgery
3. Review population-based research design, data, analyses for decreasing need of former, by increasing delivery of latter

## ACAIM 2023 July 14-16<sup>th</sup>, 2023

1:30-2:00 PM

**Dr. Joseph Hanna**

RWJ

### **Global is Local: “There and Back Again”**

#### Objectives:

1. To learn about the why and how of surgical system situation analysis.
2. To explore the bidirectional application of health system strengthening action globally and locally
3. To understand the impact of global health partnerships on professional development and satisfaction beyond the traditional metric of research publication.

2:00-2:15 PM

BREAK

2:15-2:45 PM

**Dr. Linda Zhang**

Sinai

### **Innovative Approaches to Building Sustainable Surgical Care in LMIC**

1. Understand major challenges to sustainability in international surgical care
2. Identify key approaches to develop surgical care in LMIC
3. Understand implications and outcomes of developing sustainable programs

2:45-3:30 PM

**AWARDS & CLOSURE**