

CUGH 2021: Global Surgery Satellite Session

BRIDGING GAPS &
EMPOWERING
GLOBAL
COMMUNITIES IN
SURGICAL
ECOSYSTEMS

March 4 & 5 2021
9am to 12pm CST



Message from the Organizing Team

Surgical ecosystems involve a dynamic interplay of a multitude of multispecialty and multidisciplinary stakeholders who impact the relationship of patients and their health. The COVID-19 pandemic has made abundantly clear the importance of ensuring resilience in the tightly interconnected network of healthcare systems globally.

Through this event, we invite you to join us in examining the role of stakeholders and the value of a surgical ecosystem. We will encompass the roots of Global Surgery, the milestones we've achieved, and the gaps remaining to be bridged.

Please join us virtually for panels, breakouts, and networking with colleagues from across the globe.

-Global Surgery Satellite Session Organizing Team

Table of Contents

Agenda	4-5
Session 1	6-11
Session 2	12-15
Session 3	18-20
Session 4: Breakouts	21-22
Session 5	23-26
Sponsors	27
Partners	28
Organizing Team	29
Volunteers	30

THURSDAY- MARCH 4, 2021

Welcome Remarks	9:00-9:05AM
Greetings	9:05-9:15AM
Featured Presentation: Asset Mapping	9:15-9:30AM
Session 1: Assets of the Surgical Ecosystem	9:30-10:45AM
Coffee Break	10:45-10:55AM
Session 2: Defining Value in Surgical Systems	10:55-12:00PM

FRIDAY- MARCH 5, 2021

Greetings	9:00-9:05AM
Featured Presentation: Roots of Global Surgery	9:05-9:20AM
Session 3: Inequities in the Surgical Ecosystem	9:20-9:50AM
Session 4: Breakouts/Discussion	9:50-11:10AM
Session 5: Workforce Development	11:10-11:45AM
Featured Presentation: SDGs & Global Surgery	11:45-11:55AM
Closing Remarks	11:55-12:00PM

DAY 1: WELCOME



Keith Martin, MD, PC, is a physician who, since September 2012, has served as the founding Executive Director of the Consortium of Universities for Global Health (CUGH). Between 1993–2011, Dr. Martin served as a Member of Parliament in Canada’s House of Commons. He held portfolios in foreign affairs, health, the environment, defense and international development. He has been on many diplomatic missions in areas in crisis around the world but particularly across Africa and worked as a physician on the Mozambique border during their civil war. He has spent many years volunteering on conservation efforts in South Africa and is a member of the Queen’s Privy Council for Canada.

Opening Greetings



Sudha Jayaraman, MD, MSc, FACS, is a Professor of Surgery, Director of the Center for Global Surgery and Director of Research at the Center of Medical Innovation at the University of Utah. She is the founding Co-Director of the Program for Global Surgery at VCU. She has had a long-standing collaboration with the Ministry of Health of Rwanda, colleagues at University of Rwanda, University Teaching Hospital Kigali and SAMU, the national ambulance service in Rwanda on trauma and emergency systems capacity building. She has been funded by the Rotary Foundation Global Grant, the Fogarty International Center and the National Cancer Institute of the NIH for her work in Rwanda.



Daniel S Rhee MD, MPH, is an Assistant Professor of Surgery in the Johns Hopkins Department of Surgery. He serves as the Director of the Pediatric Surgical Oncology Program and the Associate Director for the Johns Hopkins Global Surgery Initiative. Dr. Rhee's global surgery work focuses on improving surgical education and access to surgical care in Ghana and Liberia. He also has research interests in childhood tumors, use of 3D printing for simulation for surgical training, and improving surgical outcomes in pediatric surgery.



Youmna Sherif MD, is a resident in the global surgery track at the Baylor College of Medicine. Her interests in global surgery has led to work in Egypt, Malawi, Turkey, and Uganda. She has worked with community partners in these nations and performed research on the structure of global surgery education in high income countries, the professional development of non-physician clinicians in Sub-Saharan Africa, global surgery scale-up models, the use of guidelines and surgical standards in low-middle income countries, humanism in medicine, and Islamic Bioethics as it relates to care of the female. She is also a member of the Gold Humanism Society, the Texas Children’s Clinical Ethics Committee, and the Association of Academic Global Surgery Diversity, Inclusion and Membership Committee.

FEATURE PRESENTATION: ASSET MAPPING



Katayoun Madani MS, MD, is a Global Surgery Research Fellow at the Sadanah Trauma and Surgical Initiative, and is concurrently completing her Master of Public Health at St. George's University. She is Chair of InciSioN (International Student Surgical Network). Katayoun attended medical school at St. George's University School of Medicine in Grenada West Indies, where she co-founded and became the first Chair of InciSioN Grenada. She led InciSioN's Research Team from 2017 to 2020 and served as InciSioN Chair in 2020. She founded Students4COVID bringing together 45 countries to connect, share, and verify emerging information regarding the COVID-19 pandemic.

SESSION 1

Assets of the Surgical Ecosystem

Surgical ecosystems involve a dynamic interplay of a multitude of stakeholders. Existing inequities have a significant impact on the cooperation amongst stakeholders and on patient care. Healthcare providers are bound to their patients by the Hippocratic Oath and may be unable to see the impact and ramifications of disparities. Lack of trust and communication secondary to historical inequities lead to generational trauma in communities globally, plague physician-patient relationships and may lead to harmful labels such as non-compliant, health illiterate or difficult.

The year 2020 was unique and allowed for first time open discussions and reflections on justice and equity. Now it is crucial to hold space, to evaluate the impact of disparities and ask what do we need from each other? Diversity and varying vantage points are assets. How can each member of the surgical ecosystem, individually and collectively, integrate and leverage these assets into better health-patient relationships and ultimately achieve justice and equity in surgical healthcare?

SESSION 1

Assets of the Surgical Ecosystem

Moderators



Catherine DeVries MD, MS, is Professor of Surgery (Urology) and Associate Professor of Family Medicine (Public Health) at the University of Utah School of Medicine. Dr. de Vries is the founding director of the University of Utah Center for Global Surgery. She founded International Volunteers in Urology (now IVUmed) to support on-site urological education in over 20 countries. As co-author of a new chapter in Disease Control Priorities (DCP3) and Global Surgery and Public Health; A New Paradigm, she continues to make impactful contributions to global health literature.



Eric Etchill MD, MPH, is a general surgery resident at Johns Hopkins Hospital. He completed his undergraduate education at the University of Richmond and medical school at the University of Pittsburgh. His research and clinical interests are in cardiac surgery and global surgery. He has conducted health systems research in sub-saharan Africa and South America and has been involved with the ACS-COSECESA Surgical Training Collaborative in Hawassa, Ethiopia.



Yajur Maker, is an MD/PhD student from Houston, TX, currently in his 1st year as a Bioengineering Graduate Student at Rice University with eventual hopes to pursue Global Surgery. With a strong commitment to Global Health, he has helped to develop and translate affordable designs for several low cost medical devices including a HIV Viral Load Monitoring System through his startup Worldcare Technologies and more recently a Mini Fluorometer for Point-of-Care COVID Detection. He also serves as a Board Member and Grants Committee Co-Chair for the Houston Global Health Collaborative, a non-profit organization which coordinates global health interests across the medical, educational, and service-oriented institutions in the greater Houston area.

SESSION 1

Assets of the Surgical Ecosystem

Panelists



Sushma Sagar MBBS, MS, FACS, is Professor and Faculty In charge at Division of Trauma Surgery and Critical Care , All India Institute of Medical Sciences in Delhi, India. She serves as Course Director of the ATLS India program and faculty for National Institute of Disaster Management. She has more than 150 research publications, book chapters, and editorials in National and International Journals focused on Reducing the Burden of Injury through Development and Piloting of Improved Systems of Care , Capacity building and strengthening of Hospital Infections Control and prevent antimicrobial resistance (CDC).



Susanna Cohen DNP, CNM, CHSE, FAAN, is a Nurse Midwife and Associate Clinical Professor at the University of Utah. She also the founder and director of LIFT Simulation Design Lab, an organization dedicated to providing global, low-tech simulation training and development. She helped co-design PartoPants, a low-tech birth simulator, which has now been used in over 20 countries at academic insitutions, rural clinics, and various nursing education programs.



Junaid Razzak MBBS, PhD, is the Director of Center for Global Emergency Care and Professor of Emergency Medicine and International Health at the Johns Hopkins University School of Medicine. He is also founding Director of the Center of Excellence for Trauma and Emergencies at the Aga Khan University in Pakistan. He led the development of Pakistan's first advanced life support ambulance service.

SESSION 1

Assets of the Surgical Ecosystem

Panelists



Quentin Eichbaum MD, PhD, MPH, MFA, MMHC, FCAP, is Director of the Vanderbilt Pathology Program in Global Health and Professor of Pathology, Microbiology and Immunology. He also serves as co-founder of the Consortium of New Sub-Saharan African Medical Schools and is involved in health profession education and clinical medicine in several African countries.



Comrade Lawal-Airedum Olubunmi RN/M, has about 20 years' experience as a Nurse specialized in paediatric nursing and nutrition. Currently she serves as the Chief Executive Officer of the Spina Bifida and Hydrocephalus Care Foundation (SBH) and MARCH Care Initiative (MCI). She is the pioneer of Birth Defect Surveillance in Nigeria also served as the first and immediate Past President of the National Association of Nigeria Paediatric Nurses (NANPAN), positions that places her in a pedestal of leadership, representing Nigerian Nurses both National and internationally.



Keith Miles BS, is the Executive Director/Founder of Safe Surgery Initiative (SSI) a US based nonprofit organization that provides on-site surgical instrument and biomedical refurbishment, sterilization capacity building, and education to medical facilities in low-income and middle-income countries (LMICs). Mr. Miles has a BA in International Studies from the University of Alabama in Birmingham.

SESSION 1

Assets of the Surgical Ecosystem

Panelists



Fouzia Jbara Mahmoudi, is Regional Vice President for the Middle East & North Africa of Operation Smile. After an excellent start with Xerox Maroc, in 1980, she joined Pepsi Cola, until June 1982 for a Market Survey Management. Next she became the Development Manager at Clockner, and after joined Citibank- Maghreb where she was Assistant Manager and later Resident Vice President in April 2007. She joined Operation Smile Morocco as a volunteer in 1999 while still with Citibank as Co-founder & General Secretary of the Board, then moved to be in the status of Co-Founder and Vice-President in 2000 to take after the position of Regional Director for North Africa, Regional Director for MENA, and Regional Vice-President for MENA.



Salman Arain MD, is an interventional cardiologist at Memorial Hermann Texas Medical Center, Houston, and an Associate Professor in the Department of Medicine at the University of Texas Health Sciences Center in Houston. Dr. Arain's clinical interests include complex coronary procedures, mechanical circulatory devices and their use during PCI, peripheral arterial interventions, critical limb ischemia and limb salvage. He has presented his cases to cardiologists and other vascular specialists both nationally and internationally.



Joanna Kotcher BSN, MPH, is an operating room nurse with 20 years of experience spanning performing emergency assessments, project coordination and medical/surgical team leadership on the front line of many civil and international conflicts including those in Tajikistan, Kosovo, Afghanistan, Darfur, Somaliland, Gaza, and the Occupied Palestinian Territories. Most recently she has been senior surgical coordinator, and consultant in the Middle East. She is currently completing a research PhD at Queen Margaret University in Edinburgh through the Institute for Global Health and Development. She plans to return to Syria and Afghanistan to complete her field research next year.

SESSION 1

Assets of the Surgical Ecosystem

Panelists



André Ilbawi MD is a surgical oncologist and Technical Officer of the WHO Department for Management of Noncommunicable Diseases, Disability, Violence and Injury Prevention (NVI).. He previously served as a commissioner in the Lancet Oncology Commission on Global Cancer Surgery. His work supports the WHO Global action plan for the prevention and control of noncommunicable diseases 2013–2020. His current projects include a policy statement on cancer screening and technical document on comprehensive oral cancer control.



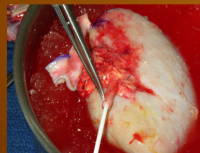
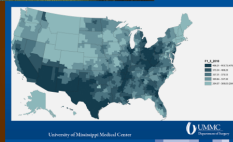
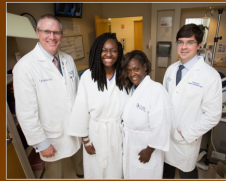
Ahmadreza Abbaslou, is 5th-year medical student and MPH candidate at Tehran University of Medical Sciences (TUMS) and serves as Education Team Leader of InciSioN. He has been involved in designing and implementing several projects and courses in Iran and international societies, pioneering the first student pre-event for World Health Summit Regional Meetings in 2019. He joined InciSioN in 2020 as Education Team Leader, where he created InciSioN COVID-19 Webinar Series, helped design library of resources and programs in Global Surgery, and laid a new foundation for open access education programs through the network.

SESSION 2

What is valued: Country Specific Roles of Surgical Systems

Value is defined as the regard that something is held to deserve; the importance, worth, or usefulness of something. In this session we will hear from experts in different fields of surgery and their view of the value of the surgical ecosystem at a district and country level. Panel questions and a pic of what is value in surgical care. Objectives: To understand the values of surgical systems in various locations in order to impact the SDGs.

$$V = Q/C$$



Latin America & Caribbean Trauma Center Consultation & Verification

RESOURCES FOR OPTIMAL CARE OF THE INJURED PATIENT

- Region 14 COT and non-COT members volunteer's evaluation. March - October 2015
- Internet and face to face **CONSENSUS** Region XIV annual meeting Mexico DF. March - September 2016
- Revisions: COT San Diego 2016, AAST, Region XIV annual meeting 2016, Executive Committee meetings June 2016 & January 2017



SESSION 2

What is valued- Country specific roles of surgical systems

Moderators



Robert E. Glasgow MD MBA, is currently Professor and Interim Chair as well as Chief Value Officer for the Department of Surgery at the University of Utah. Dr. Glasgow's clinical focus is in the area of gastrointestinal surgery with a special emphasis on minimally invasive techniques in the management of gastroesophageal and upper gastrointestinal disorders. As his research and administrative interests are in the area of optimization of surgical quality and value, Dr. Glasgow oversees the quality improvement projects within the Department of Surgery with the goal of maintaining University of Utah Health at the highest level of surgical care in the country.



Sukriti Bansal MD, is a resident in the integrated global surgery track at Baylor College of Medicine, where she is currently serving her first global surgery fellow year. Prior to residency she completed an MD with distinction in Global Health at the University of Texas Southwestern Medical Center, where her research focused on delivery of surgical care in multiple settings in India. Her academic interests include global surgery education, surgical capacity building, surgical oncology, and the intersection of surgical care and climate change. Through these interests she has revamped the didactic curriculum for the global surgery residency program at Baylor, in addition to conducting ongoing research in surgical education, surgical oncology, and disparities in access to surgical care.



Makina Haq, is a medical student at King's College London, currently pursuing an intercalated degree in Biomedical Engineering at Imperial College London. She was a Class of 2019 Campus Director and Millennium Fellow, a programme run jointly by the Millennium Campus Network and United Nations Academic Impact in which she developed her initial interests in the area of global equity and ethics by implementing a social impact project that focused on soft skills development. Makinah is now the 2021 Vice President of Internal Affairs of InciSioN and hopes to expand the organisational development of InciSioN to continuously empower students, trainees and early career physicians within Global Surgery Equity.

SESSION 2: WHAT IS VALUED- COUNTRY SPECIFIC ROLES OF SURGICAL SYSTEMS

Panelists



Maria Fernandez MD, is a General Surgeon at Hospital Universitario Mayor – MEDERIAN in Bogota, Colombia. She is also Professor of Surgery Universidad del Rosario Bogota, Colombia. She formerly served as Vice- President of Asociacion Colombiana de Cirugia , and is a former President of Asociacion Colombiana de Trauma. She has also worked with the American College of Surgeons as Committee Chair for Region 14 (Latin America & Caribbean) and the International Injury Care Committee.



Lara Faboya MBBS, is a Paediatric Surgeon at the Lagos State University Teaching Hospital, Lagos, Nigeria. Her work spans the care of babies with congenital anomalies to children with tumours and trauma. She is a member of the Global Initiative for Children's Surgery. She played a role in the groundwork of getting a baseline data of surgical systems in the country and was part of the writing committee for the plan. She was also involved in the mapping of its implementation guidelines.



Marcelo Ribeiro MD, MSc, PhD, FACS, is a Trauma and Acute Care Surgeon and Professor of Surgery at Pontifical Catholic University – PUC Sorocaba. Professor of the Post-Graduation Program in Surgery – IAMSPE São Paulo. He serves as Chairman of the Education Committee and Member of the Board of the Pan-American Trauma Society. He is also Associate Editor for the Journal of the Brazilian College of Surgeon and Pan-American Journal of Trauma, Member of the Editorial Board e Reviewer of five Brazilian Journals and 25 international Journals.

SESSION 2: WHAT IS VALUED- COUNTRY SPECIFIC ROLES OF SURGICAL SYSTEMS

Panelists



Christopher D. Anderson, MD, FACS, is Professor and Chair of the Department of Surgery at the University of Mississippi Medical Center. He holds the James D. Hardy Endowed Chair and is the institution's Chief Perioperative Physician. Dr. Anderson joined the faculty at UMMC in 2011 and led a University Transplant team that started the pediatric kidney transplant, liver transplant and pancreas transplant programs at UMMC. His team also started Mississippi's only high volume HPB surgery program at UMMC. He serves on 2 editorial boards and several committees for national surgical and transplant societies. His research focuses on the effects of fatty liver disease on donor liver injury and allograft function where he has had society and NIH funding.



Meziane Misk MD, is a Maxillofacial surgeon, working in a public hospital in Marrakech, Morocco. Her practice includes facial trauma, tumors, and facial congenital anomalies. She is part of Operation Smile in Morocco. She has participated in many international missions and published works focusing on maxillary tumors. She's also apart of AMSEL, a xeroderma pigmentosum support organization dedicated to ameliorating the burden of disease.



Anette Jacobsen MB BCh BAO, LRCP & SI, FRCS, MMed, FAMS, is Head of the Pediatric Surgery Department at KK Women's and Children's Hospital located in Singapore. In her role she has championed Minimally Invasive Surgery and perioperative care in pediatric urology, and medical student education. She served as the former president of the Asian Association of Pediatric Surgeons. She has several published works focusing on pediatric surgical outreach in a global setting.



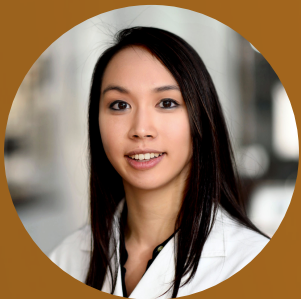
David Alexander MD, currently serves as Co-Medical Director and Director of Surgical Services at Hospital Loma De Luz, a medical mission hospital located on the rural North Coast of Honduras. Hospital Loma De Luz is a joint Honduran and US not-for-profit hospital and humanitarian work with 25 inpatient beds and 3 operating rooms. Surgical services are broad spectrum and augmented by regular visits from US subspecialty providers including pediatric, orthopedic, urology and ENT Surgical teams. Dr. Alexander has served for 5 years in the US Army as a general surgeon before settling in Honduras.

Day 2: Welcome

Opening Greetings



Chao Long, MD, is training to be a surgeon-scientist who conducts health services research aimed to increase access to high quality, affordable surgical care in both the US and abroad. Her research interests include disparities in access to and quality of surgical care, metrics for patient-centered care, health policy and financing, and building the global surgical work force. This work is driven by her belief that surgery is a critical component to any healthy, robust health system. She is a PGY-3 plastic and reconstructive surgery resident at Johns Hopkins. She is the Donald R. Laub Fellow for ReSurge International, a non-profit working to increase access to reconstructive surgery worldwide. She is the Research Fellow at the Curtis National Hand Center and is earning her MPH from the Bloomberg School of Public Health. She received her MD from Stanford University and her undergraduate degree in anthropology from Princeton University.



Megan Vu MD, is a fourth-year general surgery resident in the Global Surgery Track at Baylor College of Medicine. After graduating from the University of Florida, Dr. Vu was inducted into the Hall of Fame for her advocacy in an international human trafficking case and for her work to preserve the Vietnamese language program during statewide cuts. She graduated from the University of Central Florida College of Medicine with a U.S. Navy scholarship and completed her General Surgery internship at Naval Medical Center San Diego. She was awarded the 2018 Woman of Excellence for her initiative in founding the first Association of Women Surgeons in Houston, TX. Her professional interests include global pediatric surgery, trauma in combat and austere settings, and global surgery education. Her current projects focus on surgical capacity building in low- and middle-income countries in collaboration with the Global Initiative for Children's Surgery.

FEATURE PRESENTATION: ROOTS OF GLOBAL SURGERY



Elizabeth Miranda MD, MPH, is an integrated vascular surgery resident at the University of Southern California and a Paul Farmer Global Surgery Research Fellow at the Program in Global Surgery and Social Change (PGSSC). She received her Masters in Public Health from The Dartmouth Institute for Health Policy and Clinical Practice. Her work has largely been based in Rwanda and the Southern African Development Community and has included projects ranging from use of telemedicine to detect surgical site infections after cesarean section to assisting regional efforts in developing national surgical, obstetric, and anesthesia plans, and training in research capacity building.



Barnabas Alayande, MBBS, PgDTh, FMCS (General Surgery), is a general surgeon with the National Postgraduate Medical College of Nigeria and a general surgery senior registrar with the West African College of Surgeons. He is the inaugural Global Surgery Fellow at the University of Global Health Equity and a Research Fellow with the PGSSC. He trained at a WHO collaborating center for community based experience and service, and has been involved in various volunteer surgical activities in low resource settings. He is passionate about local surgical improvisation and contextualised surgery in African settings. He is currently building capacity to revamp LMIC surgical education through creative curriculum development and to provide high-level leadership for LMIC surgical colleges.

SESSION 3

Inequities in the surgical ecosystem- improving care through intentional introspection

Because of historical norms around how time is spent while on the job or in training, professionals in Global Surgery often lack the time or space to reflect on how our Ecosystem perpetuates oppression against marginalized communities around the world. In this session we model how to create a vulnerable space to have these conversations. After understanding John Bell's "4 I's of Oppression" Framework, participants will convene in breakout groups and interrogate their own experiences with witnessing, experiencing, or perpetuating oppression. The session will end with meta reflections on what we are calling "intentional introspection," and the possibilities of using such a process to move the needle towards a more equitable world

SESSION 3

Inequities in the Surgical Ecosystem— Improving Care through Intentional Introspection

Moderators



Anita Wadhwa EdD, is a native Houstonian, a classroom teacher and restorative justice coordinator at YES Prep Northbrook High School. She is also the author of *Restorative Justice in Urban Schools: Disrupting the School to Prison Pipeline* and a contributor to the recently released anthology, *Colorizing Restorative Justice*. She is The Co-Founder of Restorative Empowerment (or REY) and hires former students to train organizations in Houston in restorative practices.



Ernest Barthélemy MD, MA, MPH, is Chief Resident in Neurosurgery at the Icahn School of Medicine at Mount Sinai (ISMMS). In 2010, Dr. Barthélemy served as a surgical coordinator and interpreter in post-earthquake Haiti with Partners in Health. He is also the President and Co-Founder of the Society of Haitian Neuroscientists, currently a 43-member organization of neuroscience professionals from the Haitian Diaspora dedicated to reversing the social consequences of human capital flight, i.e. "brain drain," in Haiti. In July 2021, he will begin a postgraduate fellowship in neurotrauma at the University of California San Francisco. His research interests include neurotrauma, global health policy and health system performance.



Joffre Guzman Laguna MD, is a graduate of Universidad El Bosque in Bogotá, Colombia, and Chair of InciSioN (International Student Surgical Network). He is a gifted medical illustrator, and avid researcher. Most recently working on multidisciplinary projects with the Innovation Research Group at the Central Military Hospital of Bogotá. Joffre was recipient of the Best Intern of the year 2020 award from Central Military Hospital of Bogotá. He served as Chair of InciSioN Colombia in 2020 and Co-Chair of InciSioN Global Surgery Symposium (IGSS) 2020. Joffre is an aspiring thoracic surgeon and hopes to continue to apply the concepts of global surgery, held to a greater standard of social responsibility.

SESSION 3: INEQUITIES IN THE SURGICAL ECOSYSTEM- IMPROVING CARE THROUGH INTENTIONAL INTROSPECTION

Panelists



Kee Park MD, is a neurosurgery faculty member at the Program in Global Surgery and Social Change (PGSSC) and a Lecturer on Global Health and Social Medicine at the Harvard Medical School. His academic interests in global surgery involve translational research to inform policy, political economy of surgical care as a global health priority, global governance in surgical care, and bridging the research with policy and implementation. He has conducted seminal research in the unmet global need for neurosurgical care is the leading authority in the nascent field of global neurosurgery.



Emmanuel Ameh MD, is a professor of pediatric surgery and chief consultant pediatric surgeon at the National Hospital Abuja, Nigeria. His research focuses on global surgery, access to surgical care, and children's surgical care in low resource settings, as well as medical education and research. He served as editor of several journals in Nigeria and internationally, is on the editorial board for several, and regularly reviews manuscripts as well. He is currently chair for the Global Initiative for Children's Surgery and was commissioner for Lancet Commission on Global Surgery.



John Tarpley MD, FWACS, DACS, is Professor Emeritus of Surgery and Anesthesiology at Vanderbilt University Medical Center in Nashville, Tennessee. Dr. Tarpley committed himself to surgical education for an underserved population, and spent 15 years in southwest Nigeria directing house-officer training at the Baptist Medical Centre, Ogbomoso. He has taught medical school electives in Spirituality in Medicine, History of Medicine, and Topics in International Medicine. He has received teaching awards locally and nationally and has been designated a Master Clinical Teacher at Vanderbilt. The Society for Black Academic Surgeons elected him an honorary member in 2005 in recognition of his service for underrepresented minorities. Dr. Tarpley retired from Vanderbilt in 2016. Since then he has worked in Kenya, Rwanda and Botswana.



Bisola Onajin-Obembe MBBS, FWACS, MBA is a Consultant Anaesthesiologist and Assistant Professor of Anaesthesia at the University of Port Harcourt, Rivers State, Nigeria. She also practices and teaches anesthesia for pediatric, maxillofacial and ear, nose and throat specialties. Her medical education interests include in team building, leadership, strategy and organizational change management of which she plays roles within and outside Nigeria.

SESSION 3: INEQUITIES IN THE SURGICAL ECOSYSTEM- IMPROVING CARE THROUGH INTENTIONAL INTROSPECTION

Panelists



Sherry Wren MD, FACS, FCS(ECSA), is a general surgeon who serves as the Stanford School of Medicine Vice Chair for Surgery, Director of Global Surgery at the Center for Innovation and Global Health, and Director of Surgery at the Palo Alto Veterans Health Care System. She is also Honorary Professor in the Centre for Trauma at the London School of Medicine, Queen Mary University of London. She works and manages educational partnerships in Sub Saharan Africa. She is faculty fellow of the Stanford Center for Innovation and Global Health.



Andres Rubiano MD, FACS, IFAANS, is a neurosurgeon in Bogotá, Colombia. He serves as the President of the Colombian Association of Neurosurgery and the International Director for the Brain Trauma Foundation at Stanford University. Dr. Rubiano participates in several research projects with the aim of developing capacity for trauma and neurotrauma care in low- and middle-income settings. Since 2005 he has served as the Medical Director, educator and researcher at the MEDITECH Foundation in Colombia. In 2015 he began to collaborate with the Global Initiative for Essential and Emergency Surgical Care of the WHO, promoting safe surgical care for low- and middle-income countries.



Ruben Ayala MD, is the Chief Medical Officer of Operation Smile, and the current President of the Permanent Council of the Global Alliance for Surgical, Obstetric, Trauma and Anesthesia Care. He represents Operation Smile at the Global Initiative for Children's Surgery, the World Health Organization's Global Initiative for Emergency and Essential Surgical Care, and the United Nation's Economic and Social Council. He leads Operation Smile's global health policy efforts promoting access to safe, timely and effective surgical care to underserved communities around the world.



Mamta Swaroop MD, FACS, FICS, is an academic global trauma surgeon. Her lab, the Sadanah Trauma, and Surgical Initiative, as well as her 501c3 non-profit organization, The Sadanah Foundation, both aim to build sustainable access to surgical care and healthcare through education and research in low resource settings, conducting community-directed research and programmatic development in Southeast Asia, South America, and North America.

SESSION 4: BREAKOUTS

Panelists



Rina Mehmeti, is a final year medical student at the University of Prishtina “Hasan Prishtina”, Kosova, and current Vice President of National Working Groups of InciSioN. She was part of The Global Surgery Organization of Kosova (GSOK), partaking in organizing a great number of activities (training, workshops, competitions, Winter School) where Global Surgery was promoted, knowledge and skills of medical students, newly graduates, and residents were expanded in Kosovo. In early 2020 she became part of the Research Subteam at InciSioN and expanded her responsibilities within the organization by assuming the role of the VPNWG.



Anusha Jayaram, is an MD/MBA candidate at Tufts University School of Medicine. She currently serves as the National Co-Chair for the Global Surgery Student Alliance and as the US & Canada Lead for the Gender Equity Initiative in Global Surgery, where she has engaged in global surgery research, advocacy, and education for and with students and trainees. She is also currently a Paul Farmer Global Surgery Research Associate at the Harvard Program in Global Surgery and Social Change, where she works with Team India on projects related to gender equity, financial risk protection, and innovation and on projects related to anti-racism in global surgery.



Katayoun Madani MS, MD, is a Global Surgery Research Fellow at the Sadanah Trauma and Surgical Initiative, and is concurrently completing her Master of Public Health at St. George’s University. She is Chair of InciSioN (International Student Surgical Network). Katayoun attended medical school at St. George’s University School of Medicine in Grenada West Indies, where she co-founded and became the first Chair of InciSioN Grenada. She led InciSioN’s Research Team from 2017 to 2020 and served as InciSioN Chair in 2020. She founded Students4COVID bringing together 45 countries to connect, share, and verify emerging information regarding the COVID-19 pandemic.



Ankit Raj MBBS, is a junior doctor from India with interests in global health and system strengthening. He is a Global Surgery Fellow at the WHO Collaborating Centre for Research on Surgical Care Delivery in Low-Middle Income Countries. He is currently studying international relations with a focus on global health and is affiliated with the Indian Institute of Governance and Leadership.

SESSION 4: BREAKOUTS

Panelists



Ulrick Sidney MD, is a Global Surgery fellow at Operation Smile. He is a former Global Neurosurgery researcher associate at the Harvard Program in Global Surgery and Social Change (PGSSC). He serves as Secretary to the World Federation of Neurosurgical Societies' (WFNS) Global Neurosurgery Committee and as Associate Editor of the Journal of Global Neurosurgery. He is the founding President of the Association of Future African Neurosurgeons, a neurosurgery interest group for aspiring trainees. He is an advocate for equity in global surgery. He has led multiple initiatives and contributed to publications on the subject especially on equity in global health conference organization, attendance, and participation.



Heaven Yeshaneh MD, is a Medical Doctor who graduated from Addis Ababa University. She volunteers and coordinates programs related to adolescents and women like SHEBA and SHE Matters, Ethiopia and has held various positions in Ethiopian Medical Students Association, InciSion Global and IFMSA. Heaven is passionate about global health and global surgery and wants to contribute her share in the field of global health equity and women empowerment. It is her life goal and mission to see gender equality and quality health care delivery systems in Africa.



Jaclyn Corley MD, is a neurosurgery resident physician and a postdoctoral fellow at the Program in Global Surgery and Social Change at Harvard Medical School. She focuses on global neurosurgery research, advocacy, and policy to promote health systems strengthening. She is a founder and serves on the junior board of advisors for the Gender Equity Initiative in Global Surgery, which strives to promote gender equity in the surgical, anesthesia, and obstetric workforce around the world through directed and quality research, effective advocacy, and excellent mentorship.



Mashkur Abulhamid Isa MD, has a background in medicine and is a Master of Public Health student at the University of Sheffield. He serves as Vice-President of External Affairs for InciSion. His passion for global health, medical education, and research has seen him take roles in several organizations. Mashkur is an Erasmus scholar deeply interested in health equity and how the SDGs can bring about equitable access to healthcare for all. He served as a Global Schools Advocate and is a TeachSDGs ambassador. As an avid volunteer, Mashkur believes youths have a huge role to play in the global health discourse leveraging on advocacy, research, and education.

SESSION 5

Workforce Development

Countries of all socioeconomic levels face challenges in appropriate distribution of the healthcare workforce, specifically in training and retention, and adequacy to meet future unexpected needs, as witnessed by the current pandemic. Current training paradigms create a bottleneck for the development of healthcare workers, highlighting an area for innovation that can be used to improve diversity and inclusion within the healthcare workforce. To retain a trained workforce, healthcare systems require fair compensation, safe working environments, investment in outcomes, and opportunities for growth. These incentives require support at the national, regional, and global levels. What can be done to develop and train healthcare workers in greater numbers? How will the current gaps in care be covered until workers can be trained? What can be done to ensure the workforce is diverse and representative of the population it serves? How can health systems retain their workers once trained?

SESSION 5

Workforce Development

Moderators



Walter Johnson MD, MPH, MBA, currently holds Professorships in Surgery, Neurosurgery, and Public Health, and is the Founding Director of the Center for Global Surgery at Loma Linda University in Loma Linda, California, USA. Prior to this position, he led the Emergency and Essential Surgical Care Programme at World Health Organization in Geneva, Switzerland from 2015–2019. Dr Johnson also holds a Master’s degree in Business Administration from the Peter F. Drucker and Masatoshi Ito School of Management at Claremont Graduate University in California, as well as a Master’s degree in Public Health from the School of Global and Community Health at the same institution.



Hillary Jenny MD, is in her fourth year of residency in the Department of Plastic and Reconstructive Surgery at Johns Hopkins Hospital, and is one of the founding members of the Johns Hopkins Global Surgery Initiative. She completed her undergraduate studies at MIT before attending medical school at Icahn School of Mount Sinai, where she also earned her Master's in Public Health. In medical school, she conducted a year of dedicated research in Haiti and Brazil through the Program in Global Surgery and Social Change and contributed to work by the Lancet Commission on Global Surgery.



Madhushree Zope, is a 4th-year medical student at Baylor College of Medicine (BCM) in Houston, TX. She currently serves as a junior board member for the Houston Global Health Collaborative (HGHC) and student representative for the Global Health Pathway at BCM. During her role with HGHC, she has helped co-chair annual international global health conferences, provide student grant funding for global projects, and advocated for trainee involvement in global surgery research. She is also a member of the Research Committee- Gender Equity in Global Surgery and the Publications Committee- Association of Women Surgeons.

SESSION 5: WORKFORCE DEVELOPMENT

Panelists



Rachel Davis MD, created and developed the Baylor College of Medicine Global Surgery Track, the first integrated, longitudinal global surgery training program in the NRMP match. Since 2014, she has worked with the BCM Department of Surgery to build educational opportunities in global surgery for trainees and professionals, including the Diploma Course in Tropical Surgery, Obstetrics, and Gynecology in conjunction with the National School of Tropical Medicine. Dr. Davis has worked toward expansion of surgical access in Ecuador, Guatemala, Malawi, Mongolia, Nepal, and Tanzania. She is Chair of the American College of Surgeons Resident and Associate Society (RAS-ACS) Global Surgery Work Group and a member of the Houston Global Health Collaborative Board of Directors.



Nelson Udeme-Abasi MBBS, is Co-chair and Coordinator of InciSioN Nigeria, He is also the Dir. of Programs, Policies and Projects for the University of Uyo Medical Students Association, Uyo Nigeria. He pioneered the inclusion of the Capacity Building Committee for the Nigerian Medical Students Association in 2018, and in 2020, during the pandemic, conceptualized and organized the first international virtual conference on "Improving Surgical Training in Africa through Surgical Simulation". Nelson is an aspiring pediatric surgeon and tech enthusiast. He is passionate about global surgery leadership and innovation in surgical care.



Igor José Vaz MD, is the Founder and CEO of Focus Fistula Association of Mozambique and served as the Head of the Department of Urology in Maputo Central Hospital and the Professor Auxiliar da Faculdade de Medicina da Universidade Eduardo Mondlane. He is an International member of Board of examiner for COSECSA and the President of ALU (Urological Lusophone Association). As a Focus Fistula Surgeon he has performed more than 400 fistula surgeries, 100 lectures to surgeons, urologists, and OBGYNs in the last 3 years.



Abebe Bekele MD, FCS, is UGHE's founding Dean of Health Sciences. He is a General and Thoracic Surgeon and a Professor of Surgery at Addis Ababa University, School of Medicine in Ethiopia. He has vast experience in education leadership in Ethiopia, which includes teaching at the undergraduate, postgraduate, and fellowship level, simulation-based teaching, and educational research. He is actively engaged in the Global Safe Surgery and Anesthesia Initiative and has served as a Senior Advisor to the Federal Ministry of Health, Ethiopia in the Saving Lives Through Safe Surgery (SaLTS) flagship initiative.

SESSION 5: WORKFORCE DEVELOPMENT

Panelists



Kier Thielander MD, FACS, FWACS, FCS (ECFA) is a general surgeon and serves as the Executive VP at the Pan-African Academy of Christian Surgeons (PAACS). Formerly, he served as the Program Director of the PAACS surgical residency program as well as the medical director of Bongolo Hospital in Gabon.



Rick Redette MD is a professor of plastic and reconstructive surgery and pediatrics at the Johns Hopkins University School of Medicine. He also serves as the director of the Cleft and Craniofacial Center, the director of the Facial Paralysis and Pain Center, and the director of Pediatric Plastic Surgery at the Johns Hopkins School of Medicine. Dr. Redett has a strong commitment to international health and has done many teaching medical missions to Central and South America and Africa. He serves on the Board of ReSurge International

FEATURE PRESENTATION: SDGS & GLOBAL SURGERY



John Rose MD, MPH is a health services researcher and clinical instructor in Plastic and Reconstructive Surgery at Memorial Sloan Kettering Cancer Center. During surgical training he was awarded multiple grants from the National Institutes of Health to evaluate metrics for surgical services with the Agency for Healthcare Research and Quality in the United States and with the Ministry of Health in Mozambique. His work was featured in Disease Control Priorities, Third Edition, (Volume 1: Essential Surgery), and he coauthored the Lancet Commission on Global Surgery as a member of the Modeling Team. Areas of expertise include monitoring of surgical burden of disease, data management strategy, healthcare quality improvement, and modeling surgical need for UN member states according to the WHO Global Health Estimate.

Closing Remarks



Sponsors



CENTER FOR
GLOBAL
SURGERY



JOHNS HOPKINS
M E D I C I N E



HOUSTON GLOBAL
HEALTH COLLABORATIVE

Partners



LOMA LINDA
UNIVERSITY



PROGRAM IN GLOBAL SURGERY
AND SOCIAL CHANGE

Harvard Medical School



Organizing Team

University of Utah

Center For Global Surgery

Catherine DeVries MD, MS

Sadanah Trauma & Surgical Initiative

Mamta Swaroop MD, FACS, FICS

Katayoun Madani MS, MD

International Student Surgical Network (InciSioN)

Joffre Guzman Laguna, MD

Johns Hopkins Medicine

Kent Stevens MD

Daniel S Rhee MD MPH

Chao Long MD

Hillary Jenny MD

Eric Etchill MD MPH

Baylor College of Medicine

Rachel Davis MD

Sukriti Bansal MD

Yajur Maker

Madhushree Zope

Volunteers

International Student Surgical Network(InciSioN)

Lucas Loiola Ponte Albuquerque Ribeiro (Brazil)

Alejandro, Munoz-Valencia (USA)

Jessica Mosello (Brazil)

Yuki Julius Ng (Malaysia)

Maryam Ali, Khan (Pakistan)

Davina Daudu (Australia)

Brian, OuYong (Malaysia)

Eshwar, Rajesh (India)

Tanaz Vaghaiwalla (USA)

Melissa Macedo (Brazil)

Ali, Haider Bangash (Pakistan)

Abdullahi Ahmed Tahlil (Somalia)

Hannah Suh (UK)

Ali Abdi Ahmed (Somalia)

Halimah Khalil(UK)

B'lane Daly (USA)

Vedant, Shukla (India)

Dawn, Poh (Malaysia)

Abdulqadir Abdurrahman (Somali)

Dusingizimana Jacques (Rwanda)

Lilian Kitonga (Kenya)

Kashish Malhotra (India)

Shivaranjani d/o Tanaseelan (Malaysia)

Syeda Akila Ali (USA)

Ifeyinwa oraekwute (USA)

Cybil Sierra, Stingl (USA)

Thank you

