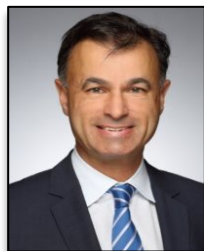


IMPACTING THE ECOSYSTEM OF GLOBAL SURGERY



IMPLEMENTING TRANSLATABLE CHANGES THROUGH COLLABORATION



Hon. Keith Martin MD, PC
Executive Director, CUGH
@keithmartinmd @CUGHnews

Dr. Martin has served as the founding Executive Director of the Consortium of Universities for Global Health (CUGH) since Sept. 2012. Dr. Martin's main areas of focus are in global health, foreign policy, security, international development, conservation and the environment.



Catherine R. deVries, MD, FACS
Past Director, University of Utah Center for Global Surgery
@drcdevries

Dr. Catherine deVries is Professor of Surgery (Urology) and Associate Professor of Family Medicine (Public Health) at the University of Utah School of Medicine. Dr. deVries is the founding director of the University of Utah Center for Global Surgery.



Mamta Swaroop, MD, FACS
Global Surgery Program Director, Northwestern University
@MamtaSwa

Dr. Mamta Swaroop is an Associate Professor of Surgery in the Division of Trauma and Critical Care Surgery. Her lab, the Northwestern Trauma and Surgical Initiative (www.nts.global) aims to build sustainable access to surgical care through education and research in low resource settings, both locally and in international settings. In 2018, she was honored as one of Oprah's Health Heroes and also received the 39th annual Martin Luther King Humanitarian Award from Northwestern Memorial Hospital.

SESSION 1: THE GUTS OF SURGICAL ECOSYSTEM



Patricia Garcia, MPH

Dr. Patty J. García, is a Professor at the School of Public Health at Cayetano Heredia University (UPCH) in Lima-Peru. She has been member of the PAHO Foundation Technical Advisory Group (FTAG), board member of the Consortium of Universities in Global Health and President of the Latin American Association Against STDs (ALACITS). She is affiliate Professor of the Department of Global Health, at University of Washington and of the School of Public Health at Tulane University.



Emily Glynn, MD
Department of Laboratory Medicine, University of Washington Medical Center

Dr. Glynn received her undergraduate degree at Wellesley College and her post-graduate training at the University of Washington. She is actively involved in the American Society for Clinical Pathology's Partners for Cancer Diagnostics and Treatment in Africa initiative and Co-Director of Anatomic Pathology Programs for the non-profit organization Pathologists Overseas.



Gelia Goba, MD, MPH, FACOG

Assistant Professor of Obstetrics & Gynecology

Dr. Goba is the Fellowship Director of the Global Women's Health Fellowship, and a core faculty member of the University's Global Medicine (GMED) Program for medical students. Additionally, Dr. Goba established *The Mela Project*, a four-year OB/GYN Residency Program through Mekelle University in Ethiopia. In 2016, Dr. Goba received the UIC Rising Star Award for Obstetrics & Gynecology.



William Francis ("Frankie") Powell, Jr.

Frankie is a PGY4 in Anesthesiology at Beth Israel Deaconess Medical Center in Boston, Massachusetts. Frankie has completed the Global Health Delivery Intensive course at the Harvard School of Public Health, the Anesthesia for Global Outreach course at Boston Children's Hospital, and the Harvard Macy Future Academic Clinical-Educators course. This year spent a month in Uganda learning the practicalities and challenges of providing anesthesia in low-resource settings.



Hannah Chung, MD

Hannah Chung is an interventional radiology fellow at Stanford Hospital. As a medical student she did several rotations in Cape Town, South Africa. Through a need's assessment in breast surgery clinic, she helped develop a collaboration between breast radiologists at the University of California Los Angeles and breast surgeons at Groote Schuur Hospital in Cape Town to determine the impact of breast ultrasound training in surgeons' management of patients with palpable breast masses.



Katie Wells, MD, MPH

Experienced Global Health researcher with a demonstrated history of working in low-middle income countries, including Mongolia, Vietnam, Mexico and Honduras. Skilled in Global Health Policy, Clinical Research, International Health Research, Medical Education, and Disaster Medicine. Interested in Medical Technology and its use in resource limited settings.



Erica Ludi, MD

General Surgery Resident, Emory University

Erica Ludi, MD, is a general surgery resident at Emory University, currently completing a global surgery fellowship with NTSI. Her work focuses on strengthening the local trauma system and building surgical capacity.



Tihitena Negussie Mammo, MD., FCS.

Assistant Professor in Paediatrics and General Surgery, Addis Ababa University, Ethiopia

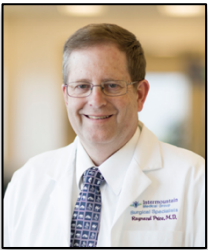
Tihitena N. Mammo is an assistant professor and consultant surgeon at Addis Ababa University in Ethiopia currently working at Tikur Anbessa Specialized Hospital in Addis Ababa. Dr. Tihitena has been involved in different leadership roles contributing to improving the quality of patient care in Ethiopia.

FEATURED PRESENTATION: HUMAN RESOURCE MAPPING



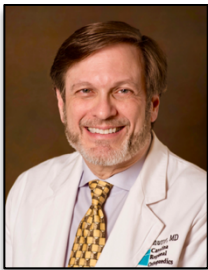
William Harkness, MD

William Harkness is a Past President of the International Society for Pediatric Neurosurgery (ISPN) and currently the ISPN Ambassador for Global Neurosurgery for Children. William was one of the founders of the Epilepsy Surgery program both at Great Ormond Street Hospital for Children and at the National Hospital for Neurology and Neurosurgery, Queen Square. He is currently a member of the WHO-WFNS liaison committee and is a founder of InterSurgeon, a platform designed to create global outreach partnerships between surgeons.



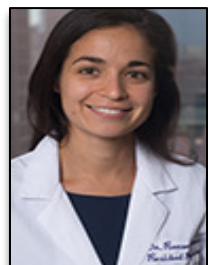
Raymond Price, MD, FACS

An international leader in expanding the role of surgery in public health, Dr. Price's work highlights the dramatic impact surgery can have on communities, economies and individuals. Dr. Price co-founded and serves as the director of the Center for Global Surgery at the University of Utah and directs the graduate surgical education at Intermountain Medical Center, Intermountain Healthcare. He has participated in or led medical and surgical expeditions to Asia, Latin America, and Africa.



Mark N. Perlmutter MS, MD, FAANOS, FICS

Dr. Mark Perlmutter's expertise is in orthopedic surgery. He has participated in surgical missions and disaster relief work on four continents. He has a keen interest in global surgery and restructuring methodologies in international volunteerism to increase impact. He serves as Vice-President and Chairman of the Board of Regents of the United States Section of the International College of Surgeons. He also serves as a Board member of the Global Alliance for Surgical, Obstetric, Trauma and Anaesthesia Care. In 2017, Dr. Perlmutter was the honored recipient of the Lifetime Achievement Award from the American Academy of Neurologic and Orthopaedic Surgeons.



Roxana Garcia, MD

Rox is a resident physician in neurosurgery at Northwestern University. She attended UC San Francisco for medical school and has two master's degrees from the School of Public Health at UC Berkeley. She is a global health scholar at Northwestern and she is currently developing a career focus on surgical capacity evaluation within traumatic brain injury. Starting November she will be working Peru and Chile with local ministries of health. She also serves as the secretary for the Gender Equality in Academic Global Health Community for the CUGH.

SESSION 2: FAILURE AND SUCCESS OF IMPLEMENTATION OF THE NATIONAL SURGICAL, OBSTETRIC & ANESTHESIA PLANS (NSOAPs)



Emanuel Makasa, BSC.HB, MBCHB, MPH, M.MED

An Orthopedics and Trauma surgeon turned Global Health Diplomat, Dr. Makasa served as Deputy Director responsible for Emergency Health Services at the Ministry of Health, Zambia and as Secretary General of the Zambia Medical Association (ZMA) and the Surgical Society of Zambia (SSZ) before his current assignment as a Global Health Diplomat. He is a Fellow of the College of Surgeons of East Central & Southern Africa (COSECSA) and serves on the boards of the Doctors Outreach care International (DOCi) and Africa Directions (AD). He is a honorary Lecturer at the University of Zambia, School of Medicine (UNZASoM), and a Trustee at the Lusaka Orthopaedics Research & Education Trust (LORET).



Russell Andrews, MD

Russell J Andrews is an advisor at the NASA Ames Research Center with the Nanotechnology and Smart Systems groups. Appointments include: Past Chair of the American Association of Neurological Surgeons; President, International Conference on Neuroprotective Agents (ICNA); and member, WFNS Neurotrauma, Mass Casualty, and Neurorehabilitation Committees. He and neurosurgical colleagues in Chile and Pakistan have developed the Mass Casualty Center Project.



Edwin Lugazia, MD

Head, Department of Anaesthesiology, School of Medicine, Muhimbili University of Health and Allied Sciences (MUHAS).

Edwin Lugazia serves as a consultant cardiothoracic anaesthesiologist at the Jakaya Kikwete Cardiac Institute (JKCI) and Muhimbili National Hospital (MNH) where he is actively involved in cardiac surgeries and renal transplant services. As head of the department he has led efforts in addressing the anaesthesia and critical care workforce shortage and quality improvement in the country through both pre-service and in-service capacity building. He continues to spearhead the efforts towards self sufficiency through advocacy, program development, implementation and plans for sustainability in Tanzania. He played an instrumental role in the development of National Surgical Obstetric and Anaesthesia Plan (NSOAP) in Tanzania.



Rachel Koch, MD

Global Surgery Research Fellow, Harvard Medical School

Rachel Koch is a Paul Farmer Global Surgery Research Fellow with the Program in Global Surgery and Social Change at Harvard Medical School and a General Surgery resident at Vanderbilt University Medical Center. She has past experience in malaria research (Mali) and clinical surgical work (Togo) in West Africa. She is currently working primarily in Rwanda on several projects.



Leah Moody, MPH

Program Manager, Center for Global Surgery Evaluation, Massachusetts Eye and Ear Infirmary

Leah manages the Center for Global Surgery Evaluation (CGSE). Developing scientific methods to assess National Surgical, Obstetric, and Anesthesia Plans is a central focus of CGSE. The emphasis on outcomes research is towards its overall goal to provide key data on the efficacy and influence of NSOAPs across multiple domains that can be used to inform future policy in global surgery.



Haitham Shoman, MBBCh, MPH

Research Associate on Global Surgery, Paris Descartes University

Haitham earned his MBBCh from Ain Shams University in Cairo. He has won several awards from the UN and King Abdullah II Award from Jordan. He got his Diploma and Masters in Public Health from Imperial College London after being awarded the UK Government's Chevening Scholarship. His interest in global surgery is focusing on orthopedic surgery and surgical site infections in Rwanda along with strengthening surgical systems projects in Pakistan. Haitham is also a research associate with Paris Descartes University – Laboratory of applied health economics research (LIRAES) – Sorbonne and a Global Burden of Diseases Collaborator.



Abebe Bekele, MD, FCS

Dean of Health Sciences, Addis Ababa University, Ethiopia

Professor Bekele is UGHE's founding Dean of Health Sciences. He also serves as a Member of Council and Chairman of the Examinations and Credentials Committee at COSECSA. Professor Bekele has previously served as CEO of the Tikur Anbessa (Black Lion) Teaching and Specialized Hospital in Ethiopia. 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.

FEATURED PRESENTATION: HEALTH AS A HUMAN RIGHT

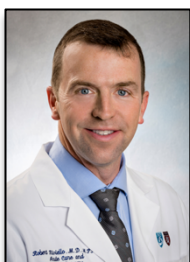


Juliet Sorensen

Associate Dean of Clinical Education, Northwestern Pritzker School of Law

Juliet is the Director of the Bluhm Legal Clinic and the Associate Dean of Clinical Education at Northwestern Pritzker School of Law. Professor Sorensen is the founder and director of the Northwestern Access to Health Project, a community-based partnership at the axis of global health, human rights, and development that has worked on sustainable, capacity-building initiatives throughout the global south.

SESSION 3: INNOVATION IN GLOBAL SURGERY



Robert Riviello, MD, MPH

Assistant Professor of Surgery and of Global Health and Social Medicine, Harvard Medical School

Dr. Robert Riviello's research interests are in global health, specifically the reduction of disparities and the expansion of surgical delivery for low-income populations by developing surgical workforce and surgical infrastructure in sub-Saharan Africa. He was co-PI and U.S. surgical faculty liaison for the Rwanda Human Resources for Health Initiative, and most recently taking part in the development of the National Surgery Obstetrics and Anesthesia Plan. Dr. Riviello serves as a member of the faculty for the Program in Global Surgery and Social Change at HMS. He was a Fulbright International Fellow in Global Surgery at Centro Evangelico de Medicina in Lubango, Angola.



Pierre Theodore, MD

Vice President, Scientific Innovation, Johnson & Johnson Medical Devices Companies

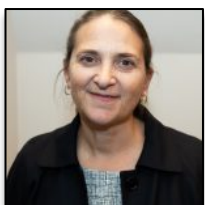
Dr. Theodore is a Health Sciences Associate Professor of Surgery and holds the Van Auken Endowed Chair in Thoracic Surgery at The University of California, San Francisco School of Medicine. Pierre's Global Surgery initiatives focuses on expanding surgical capacity in low-income countries. Pierre is a commissioned officer in the United States Navy Reserve Medical Officer Corps, holding the rank of Commander.



Ruben Ayala, M.D., MSc

Chief Medical Officer, Operation Smile, Inc.

Ruben Ayala is a physician from Panama. During his career with Operation Smile, he has planned, executed and overseen surgical programs in more than 40 countries. He served as part of the official delegation of the Government of Vietnam to the World Health Assembly in 2015 and 2017, helping align the country's support for global surgery and anesthesia. He is also the current Vice-President of the Permanent Council of the Global Alliance for Surgical, Obstetric, Trauma and Anesthesia Care, and a member of the Global Initiative for Children's Surgery.



Kris Torgensen, MPhil, MSc

Global CEO of Lifebox

Lifebox is an international non-profit seeking to make surgery and anesthesia safer in low-resource settings. Kris has worked with Doctors Without Borders (MSF) for over 14 years. Kris sits on the boards of Drugs for Neglected Diseases Initiative (DNDi) North America, All Out, and The Alliance for International Medical Action (ALIMA) USA, where she was also Founding Executive Director.



Keir Thelander, MD, FACS, FWACS, FCS (ECSA)

Chief Medical Officer, The Pan-African Academy of Christian Surgeons

After a short time working as a General Surgeon in Cleveland, Keir was led to train and disciple African doctors to become surgeons. For 8 years Keir served as the Program Director of the Pan-African Academy of Christian Surgeons (PAACS) surgical residency program as well as the medical director in Bongolo Hospital in Gabon. Presently, Keir is the Chief Medical Officer of PAACS. In this role he oversees the 15 PAACS training programs that are spread across the African continent.



Adam Lewis

Director of Programs, Gradian Health Systems

Adam leads programs and partnerships at Gradian Health Systems where he oversees projects that bring together national governments, local NGOs, international donors, hospitals, and Gradian's network of partners to build capacity in anesthesia and critical care throughout sub-Saharan Africa. Adam has advised global health organizations such as the Bill & Melinda Gates Foundation, the US Agency for International Development (USAID) and Merck for Mothers. His work was focused primarily on programmatic communications and advocacy for maternal health initiatives.

FEATURED PRESENTATION: VALUE OF SURGERY



Sam Finlayson, MD, MPH

Chair, Department of Surgery, University of Utah School of Medicine

Dr. Finlayson is Professor and Chair of the Department of Surgery at the University of Utah School of Medicine. After his clinical and research training, Dr. Finlayson spent a decade at Dartmouth where he pursued an academic career in health services research, served as Vice Chair for Academic Affairs in the Department of Surgery, and as Director of the Surgical Residency Program. He served as the Kessler Director of the Center for Surgery and Public Health, at Harvard Medical School, and the Harvard School of Public Health. Dr. Finlayson's academic career was built on health services research related to surgical access, quality, and outcomes. His specific interests include variation in use and outcomes of surgery, surgical care process innovation, surgeon workforce, and access to high quality surgical care in rural versus urban settings in the US, and in low-income countries.

SESSION 4: THE TRUTH OF TRAINING



Sherry M Wren MD, FACS, FCS(ECSA)

Dr. Wren is Professor and Vice Chair of Surgery at Stanford University, Honorary Professor of Trauma Sciences at Queen Mary University of London, and Director of Global Surgery at the Stanford Center for Innovation in Global Health. She has extensive experience working with Médecins Sans Frontières and other NGO's. She has close educational and research collaborations with member nations of the College of Surgeons in East, Central, and Southern Africa, MSF, and the US Military.



Katayoun Madani

Research Team Lead, InciSioN

Katayoun is the Research Team Leader of InciSioN and founding member of InciSioN Grenada. Katayoun is the creator of the InciSioN Research Proposal Program. This program creates opportunities for medical students, residents, and trainees to engage in Global Surgery research, and provides a medium for collaboration, and data collection that can lead to national surgical, obstetric, and anesthesia planning.



Vennila Padmanaban, MD

Benjamin F. Rush Global Surgery Fellow at Rutgers

Dr. Padmanaban is a general surgery resident and current Benjamin F. Rush Global Surgery Fellow at Rutgers - NJMS. Born in India and raised in Japan, she believes in healthcare as a global, civic responsibility. Dr. Padmanaban scientific interest is in the substantial need for improved surgical care in resource-poor settings overseas.

FEATURED PRESENTATION: CHALLENGES OF IMPLEMENTATION



Walt Johnson, MD, MPH, MBA

Lead, Emergency & Essential Surgical Care Programme, WHO, Geneva, Switzerland

Dr. Walter Johnson has worked part-time at WHO since 2012, joining WHO full-time in 2015. His primary responsibility is fulfilling the mandates of WHA Resolution 68.15 on strengthening emergency and essential surgical care and anesthesia as a component of universal health coverage. This can only be accomplished through the collaborative efforts of multiple stakeholders, with the ultimate goal to bring safe, timely and affordable surgical care to low- and middle-income countries through high-performing surgical healthcare systems and workforce. He has been involved with Global Surgery during the majority of his career, teaching in Hangzhou, China, and being directly involved in developing general surgery residency training programs throughout Africa.