

## FACULTY

### AAP WEBCAST

MARCH 24, 2010

1:00 – 2:30 PM (EASTERN TIME)

## "State of All Hazards Preparedness for Children: Partnerships & Models for Merging Emergency Department & Disaster Preparedness Efforts Nationwide"

### MODERATOR

#### **CAPT DANIEL KAVANAUGH, MSW, LCSW-C**

**SENIOR PROGRAM MANAGER, HEALTH RESOURCES AND SERVICES ADMINISTRATION, EMERGENCY MEDICAL SERVICES FOR CHILDREN PROGRAM, ROCKVILLE, MD**



CAPT Kavanaugh has been the Senior Program Manager for the Health Resources and Services Administration's, Maternal and Child Health Bureau's Emergency Medical Services for Children Program (HRSA/MCHB/EMSC) since December 2002. In this capacity as senior program manager CAPT Kavanaugh's responsibilities include overall program planning and budgeting as well as managing a diverse portfolio of grants and cooperative agreements that include the Pediatric Emergency Care Applied Research Network (PECARN). In 2005 he was named "Social Worker of the Year" by the United States Public Health Service (USPHS) and in 2008 he received the "Friends of EMS Award" from the National Association of EMS Physicians. He serves as the Deputy Team Leader for USPHS Mental Health Team-1 Disaster Response Team and is HRSA's representative to HHS' Council on Emergency Medical Care.

### PRESENTERS

#### **STEVEN E. KRUG, MD, FAAP**

**PROFESSOR OF PEDIATRICS, NORTHWESTERN UNIVERSITY FEINBERG SCHOOL OF MEDICINE, CHIEF, DIVISION OF EMERGENCY MEDICINE, CHILDREN'S MEMORIAL HOSPITAL, CHICAGO, IL  
CHAIR, AAP DISASTER PREPAREDNESS ADVISORY COUNCIL**



Dr Steven Krug is a Professor of Pediatrics at the Northwestern University Feinberg School of Medicine and heads the Division of Emergency Medicine at Children's Memorial Hospital in Chicago, Illinois. Dr Krug has served in a number of leadership roles within professional organizations.

He is the past-chair of the American Academy of Pediatrics (AAP) Committee on Pediatric Emergency Medicine and a past-chair of the AAP's Section on Emergency Medicine. He is currently chair of the AAP's Disaster Preparedness Advisory Council and also served as the AAP's liaison to the American College of Surgeons' Committee on Trauma. He was recently appointed as a member of the National EMS Advisory Council of the National Highway Traffic Safety Administration. Dr Krug is a member of the Advisory Board for the National EMSC Data Analysis Resource Center and has been

an active participant within the Emergency Medical Services for Children program at both state and national levels. Dr Krug is the Editor in Chief for *Clinical Pediatric Emergency Medicine*. His areas of interest include: emergency medical services for children, disaster preparedness, patient safety and care quality, clinical outcomes of emergency care, medical education, trauma systems, access to healthcare and the economics of health care delivery.

## **MICHAEL R. ANDERSON, MD, FAAP**

**VICE PRESIDENT & ASSOCIATE CHIEF MEDICAL OFFICER, UNIVERSITY HOSPITALS CASE MEDICAL CENTER, ASSOCIATE PROFESSOR OF PEDIATRICS, CASE WESTERN RESERVE SCHOOL OF MEDICINE, CLEVELAND, OH, MEMBER, NATIONAL COMMISSION ON CHILDREN AND DISASTERS**



Dr Michael Anderson is Vice President and Associate Chief Medical Officer at University Hospitals Case Medical Center and Associate Professor of Pediatrics at the Case Western Reserve School of Medicine in Cleveland, Ohio. He served as interim Senior Vice President and CMO for the UH system from November 2008 to December 2009. He is also a pediatric critical care specialist at Rainbow Babies & Children's Hospital. In his role as Associate Chief Medical Officer, Dr Anderson assists in the oversight of quality, research and technology, GME, CME, risk management, credentialing and medical staff issues for the nine-hospital UH academic medical system.

As a pediatric specialist, Dr Anderson has been active at the local, state and national level in pediatric disaster readiness and response. Through key partnerships at the state and federal levels, including the Ohio Children's Hospital Association, the National

Association of Children's Hospitals and the American Academy of Pediatrics, Dr Anderson is working to ensure that children's needs are at the forefront of disaster readiness and response for the nation.

In 2008, Dr Anderson was appointed by President George W. Bush to the National Commission on Children and Disasters. This 10 member commission is analyzing the United State's readiness to care for children in disasters and will issue recommendations to the President and Congress as to how to improve same. Dr Anderson serves as the Vice Chair of the Commission. In addition, Dr Anderson serves as a consultant on pediatric disaster issues to the CDC and National Disaster Medical System in the Department of Health and Human Services (DHHS) in Washington DC.

In addition to disaster preparedness and response, Dr Anderson's research and clinical interests include system quality, national physician workforce, pediatric critical care transport and national health policy issues for children. He has been awarded grant funding from the National Institutes of Health (NIH) and the Emergency Medical Systems for Children (EMS-C). He has published on a variety of pediatric critical care topics including sepsis, acute respiratory distress syndrome (ARDS), care of the immune-suppressed patient, and transport of the unstable pediatric patient. Dr Anderson has brought his expertise to three national committees for the AAP and served as the chair of the Committee on Pediatric Workforce from 2004 to 2006. In 2003, Dr Anderson was appointed by the AAP to the DHHS Maternal and Child Health Bureau (MCHB) expert panel on pediatric subspecialty workforce.

As an educator, Dr Anderson has served as the Pediatric Critical Care Fellowship director, the director of CME and has earned several teaching awards at Rainbow Babies & Children's Hospital and MetroHealth. He has spoken on a wide variety of pediatric topics to national organizations and serves as voice for children on Capitol Hill through his child advocacy work with the National Association of Children's Hospitals (NACH) and Rainbow Babies & Children's Hospital.

In 2008, Dr Anderson was named one of the Nation's Top Pediatricians by Who's Who in America and in 2009, he was awarded a "Medical Hero" award by Crain's Cleveland Business.

In Cleveland, Dr Anderson serves on the Board of Medical Advisors for the Fresh Air Camp for ventilator dependent children, the Physicians Advisory Board for the City of Cleveland, The Board of Directors for MedWorks and the FBI Citizens Academy Board.

Dr Anderson is board certified in pediatrics and pediatric critical care by the American Board of Pediatrics. He earned his undergraduate degree from John Carroll University in 1986, where he was awarded the Beaudry Outstanding Senior Award, and earned his medical degree from Case Western Reserve University School of Medicine in 1990. He completed his pediatric residency at the Children's Hospital of Michigan in 1993 and received the Sanford Cohen Outstanding Senior Award. Dr Anderson completed a fellowship in Pediatric Critical Care at Rainbow Babies & Children's Hospital in 1997, and currently is in his 14th year as a member of the faculty.

**JEFFREY S. UPPERMAN, MD, FAAP, FACS**

**DIRECTOR OF TRAUMA AND ATTENDING PEDIATRIC SURGEON, CHILDREN'S HOSPITAL OF LOS ANGELES, ASSOCIATE PROFESSOR OF SURGERY, UNIVERSITY OF SOUTHERN CALIFORNIA, LOS ANGELES, CA**



Jeffrey S. Upperman, MD, FAAP, FACS, is Director of Trauma and an Attending Pediatric Surgeon at the Children's Hospital Los Angeles (CHLA). He is also an Associate Professor of Surgery at the University of Southern California. As Director of the Trauma Program at CHLA since 2007, Dr Upperman oversees an American College of Surgeons Level 1 Pediatric Trauma Center. The CHLA has nearly 62,000 emergency room visits -- 8,000 are injured children. About 800 children are admitted annually to the trauma service.

In recognition of his esteemed reputation in pediatric trauma, Dr Upperman has been invited to speak at a variety of distinguished venues, from hospital lectures to testimony before the Department of Health and Human Services' National Commission on Children and Disasters in Washington, D.C. He has been the keynote speaker at numerous national and regional conferences on pediatric trauma and preparing for disaster.

Dr Upperman graduated from Stanford University in 1987. While at Stanford, he was one of 12 students who received the Dean's Service Awards for exceptional contributions to the University. He graduated with a bachelor's degree in Human Biology and a master's degree in Sociology. He earned his medical degree and completed his surgical residency at New Jersey Medical School. He completed his clinical training in pediatric surgery at Children's Hospital of Pittsburgh and was recruited to join the faculty at the University of Pittsburgh School of Medicine at Children's Hospital of Pittsburgh in 2001. During his Pittsburgh tenure, he was Interim Director of the Benedum Pediatric Trauma Program.

Dr Upperman is an active and accomplished academic surgeon who has published over 60 peer-reviewed publications, 128 abstracts, and 14 book chapters. His research interests include sepsis, inflammation, trauma, and disaster preparedness. Dr Upperman's research support has included funding from the National Institutes of Health, the Robert Wood Johnson Foundation and the Department of Health Human Services.

In continued service of the medical community, Dr Upperman has maintained positions of leadership and involvement in many national medical associations. Dr Upperman is a fellow of the American Academy of Pediatrics and the American College of Surgeons. Dr Upperman has served on the executive boards of the Association for Academic Surgery, Society of University Surgeons and the American Pediatric Surgical Association. He is a member of the nomination committee for the American College of Surgeons and the Eastern Association for Trauma Disaster Committee. He is a permanent member of the Pediatrics study section in the Eunice Shriver National Institute of Child Health and Development. Dr Upperman served his country during Operation Iraqi Freedom 2 in 2004.

**MAJ MC USAR DANIEL B. FAGBUYI, MD, FAAP**

**MEDICAL DIRECTOR, DISASTER PREPAREDNESS AND EMERGENCY MANAGEMENT, ASSISTANT PROFESSOR OF PEDIATRICS AND EMERGENCY MEDICINE, CHILDREN'S NATIONAL MEDICAL CENTER, WASHINGTON, DC, MEMBER, AAP DISASTER PREPAREDNESS ADVISORY COUNCIL**



Dr Fagbuyi is the Medical Director of Disaster Preparedness and Emergency Management at Children's National Medical Center in Washington, DC. He is an Emergency Department attending physician and provides strategic leadership for Children's National Medical Center's disaster preparedness, response, and community outreach efforts. Recently, he was awarded "Emergency Department Attending of the year" by his peers. Academically, he is Assistant Professor of Pediatrics and Emergency Medicine at the George Washington University School of Medicine with board certification in both Pediatrics and Pediatric Emergency Medicine. Dr Fagbuyi has been instrumental in numerous initiatives and committees both locally and nationally, some of which include, stake-holder member of the National Commission on Children and Disasters, appointed member of American Academy of Pediatrics Disaster Preparedness Advisory Council, and Representative/Subject matter expert to many

national organizations, committees and federal government organizations including the RAND Corporation/

ASPR National Health Security Strategic Committee, AHRQ support for quality indicators for Hospital Emergency Preparedness project, FDA pediatric countermeasures, HHS/OPEO/ASPR National Public Health and Healthcare Radiological/Nuclear Scarce Resource Allocation, Bi-Partisan Senate Homeland Security Committee, The Institute of Medicine, National Library of Medicine, Association of Schools of Public Health Competency Development Project, and so on. Dr Fagbuyi is a Major in US Army and served on the "frontlines" as the Battalion Surgeon of 1-502 infantry out of Ft. Campbell, KY with 101<sup>st</sup> Airborne/Air Assault Division in support of "Operation Iraqi Freedom" and "Operation Enduring Freedom. During his 365-day front-line combat zone deployment, he was engaged in both combat and civil military operations and commanded and controlled the care of over 800 soldiers and hundreds of disenfranchised adult and pediatric civilians. He treated, managed and stabilized soldiers and civilians with both acute life-threatening and non-battle injuries and was responsible for initial and on-going medical planning, logistics, and operations from pre-deployment to post-deployment. In addition to orchestrating tactical air and medical evacuations for wounded soldiers and civilians in the field, Dr Fagbuyi responsible for the medical assessments of medical treatment facilities in all of Northern Iraq, including mass immunization, provision of vaccines, medical supplies and equipment. Dr Fagbuyi was Liaison to Ministry Health and other medical treatment facilities and non-governmental organizations (NGOs), facilitating medical infrastructure repair and obtaining grants from US Army to rehabilitate damaged infrastructure and replace medical equipment. Dr Fagbuyi instructed the tactical combat casualty course (TCCC), combat lifesaver course for front-line medics, and WMD/Bioterrorism/CBRNE course. Locally, he is liaison to the District of Columbia Hospital Association, member of the District of Columbia Emergency Healthcare Coalition, and member of the National Capital Region's National Medical Response Team (NMRT). In addition to authoring and co-authoring various medical literatures, Dr Fagbuyi has also made various media appearances in lay and professional media, and instructs PDLs, PALS, and Decontamination Team Train-the-trainer course. His interest is in Bioterrorism, Disaster preparedness, Prehospital and Community outreach.

**SHARON E. MACE, MD, FAAP, FACEP**

**PROFESSOR OF MEDICINE, CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE, CASE WESTERN RESERVE UNIVERSITY, CLEVELAND, OH, MEMBER, AMERICAN COLLEGE OF EMERGENCY PHYSICIANS' DISASTER COMMITTEE**



Dr Sharon Mace is Professor of Medicine, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University in Cleveland, OH. She is also a Pediatric Medical Care Subcommittee, National Commission on Children and Disasters, and American College of Emergency Physicians Disaster Committee Member. She is Past Chair, American College of Emergency Physicians, Pediatric Committee, Past Chair, American College of Emergency Physicians Pediatric Section, Past Member, American Academy of Pediatrics Committee on Pediatric Emergency Medicine, and author of multiple peer reviewed articles on pediatric disaster medicine. In addition, Dr Mace is Director of the Observation Unit, Director of Pediatric Education and Quality Improvement, and Director of the Research Rapid Response Team at the Cleveland Clinic and Faculty, MetroHealth Medical Center/Cleveland Clinic Emergency Medicine Residency.

**LORI A. UPTON, RN, BSN, MS, CEM**

**ASSISTANT DIRECTOR, EMERGENCY MANAGEMENT, TEXAS CHILDREN'S HOSPITAL, HOUSTON, TX, EXECUTIVE DIRECTOR, REGIONAL HOSPITAL PREPAREDNESS COUNCIL, CHAIR, EMERGENCY NURSES ASSOCIATION DISASTER COMMITTEE FOR TEXAS**



Lori Upton is a Certified Emergency Manager through the International Association of Emergency Managers (IAEM), and holds a Bachelor's Degree in Nursing from the University of Texas and a Master's Degree in Emergency Management from Touro University.

Ms Upton has an extensive background in clinical operations and leadership of Emergency Departments and Trauma Centers and has been involved in emergency management since 1997. She has assisted in the development and execution of community and facility-specific exercises and drills and has also participated in

numerous tabletop, functional and full scale exercises. Curriculum development includes hospital incident command systems, decontamination, and pediatric specific disaster response. Actual disaster response experience includes: World Trade Center (2001), Hurricane Katrina (2005), Hurricane Rita (2005), Hurricane Gustav (2008), Hurricane Ike (2008), H1N1 Spring Outbreak (2009).

Ms Upton is a certified instructor in Advanced Disaster Life Support (ADLS) and Trauma Nurse Core Curriculum (TNCC) and has completed the following FEMA/Emergency Management courses: ICS 100-400, IS 700-800 (NIMS/NRP), IS 701 (MACS), IS 201 (Exercise), HSEEP, and G 386 (Mass Fatality). Ms Upton is also the previous Nurse Supervisor for Texas DMAT 1.

Ms Upton serves on many emergency preparedness planning groups and committees at the local, state and national level including the Governor's Emergency and Trauma Advisory Council Disaster Committee, the Department of State Health Services Preparedness Coordinating Council, and has served on several workshop panels with the Institute of Medicine in the areas of disaster response, regionalization, and pediatric disasters. She has published several papers on regional medical responses to disasters and speaks nationally and internationally on this subject.

Ms Upton is the Emergency Management Coordinator for Texas Children's Hospital, the nation's largest freestanding pediatric facility. With over 80,000 emergency room visits and 1 million outpatient visits annually, Ms Upton is responsible for the planning, response, mitigation efforts, and education of over 7,000 employees, 7 campuses, 44 practice sites, and 5 health centers.

Ms Upton is also the Executive Director of the Regional Hospital Preparedness Council. In that capacity she coordinates and prioritizes planning objectives to meet Federal preparedness grant requirements and acts as the Medical Operations Chief in the Catastrophic Medical Operations Center (CMOC) for an 18 county region that includes over 120 hospitals and 220 nursing homes in 177 cities. Ms Upton was responsible for the development of the CMOC and authored the regional medical response plan that has now been adopted by all jurisdictional officials in the region served as the ESF 8 regional plan. This coordinated effort was placed into action during the response of the Texas Gulf Coast to Hurricanes Katrina, Rita, Gustav, and Ike.

### **SARITA A. CHUNG, MD, FAAP**

**MEDICAL DIRECTOR, EMERGENCY MANAGEMENT, CHILDREN'S HOSPITAL BOSTON, INSTRUCTOR IN PEDIATRICS, HARVARD MEDICAL SCHOOL, BOSTON, MA, MEMBER, AAP DISASTER PREPAREDNESS ADVISORY COUNCIL**



Sarita Chung, MD FAAP is a member of the Division of Emergency Medicine and is the Medical Director for Emergency Management at Children's Hospital Boston. Currently, she also serves on the American Academy of Pediatrics Disaster Preparedness Advisory Council. Trained in pediatrics and pediatric emergency medicine, Dr Chung actively involves herself in all aspects of pediatric emergency preparedness including research, teaching, and clinical care. In the immediate aftermath of 9/11, Dr Chung published one of the first articles that examined and critiqued the efficacy of web-based training for medical professionals in bioterrorism. She has gone on to publish important concept papers on key issues of pediatric disaster preparedness, including the role of hospital preparation for disasters involving children, reunification of

children separated from their parents after a disaster, and school preparedness. In terms of teaching, Dr Chung is a nationally recognized lecturer on pediatric aspects of disaster preparedness, having presented at Agency for Healthcare Research and Quality and Office of the Assistant Secretary for Preparedness and Response sponsored workshops, as well as at national meetings.