REGISTRATION | 7:00am - 8:00am | H-E-B University Center Galleria

OPENING REMARKS | 8:00am - 8:20am | Ballroom (HUC 1.104 & 1.106)
Dr. Bernard Arulanandam, Interim VP for Research - UTSA
Dr. Andrea Giuffrida, VP for Research - UT Health San Antonio
Dr. Bruce Doll, Rear Admiral (Ret), USN; Assistant Vice President - USUHS
BG Jeffrey Johnson, MC, USA; Commander - Brooke Army Medical Center
BG John DeGoes, USAF, MC; Vice Commander - 59th Medical Wing

MORNING SYMPOSIA | 8:30am - 9:45am

SYMPOSIUM ONE | Ballroom (HUC 1.104 & 1.106)
A 2017 Symposium Update of Results from the South Texas Research Organizational Network Guiding Studies on Trauma and Resilience (STRONG STAR)
Panel Moderator: Alan L. Peterson, PhD, ABPP (Lt Col, USAF, ret)
Speakers: Kristi Pruiksma, PhD, Abby Blankenship, Ph.D., Jose Lara-Ruiz, MA, Jennifer Mitchell, PsyD, Capt Katrina Lawrence-Wolff, MD

SYMPOSIUM TWO | Bexar Room (HUC 1.102)
New Paradigms in Caregiving: Healthcare Needs, Capacity and Policy
Panel Moderator: Kimberly Peacock, Ed.D.
Speakers: Carole White, PhD, Roxana E. Delgado, PhD, Jim Baker, Linda Sendaula, Rosie Babin, Carla M. Dickinson, PhD, Maria Wellisch

SYMPOSIUM THREE | Harris Room (HUC 2.212)
A Synopsis of Personalized Medicine Projects with the US Air Force
Panel Moderator: Debra Niemeyer, MS, MA, PhD, DAF (Col, USAF, ret)
Speakers: Sandra Valtier, PhD, Thomas Beachkofsky (Maj, USAF, MC), Maj Matthew Brock (Maj, USAF, MC), G. Jilani Chaudry, PhD

SYMPOSIUM FOUR | Travis Room (HUC 2.202)
Autism Grant Program: Partner Directed Treatment
Panel Moderator: Leslie Neely, PhD, BCBA-D
Speakers: Alexander Aguilar, MEd, RBT, Katherine Cantrell

SYMPOSIUM FIVE | Hidalgo Room (HUC 2.214)
Disseminable Health Behavior Interventions in Active Duty Military Populations
Panel Moderator: Ann S. Hryshko-Mullen, PhD, ABPP-CHP, CBSM
Speakers: Ryan Kalpinski, Rebecca Krukowski, Gerald W. Talcott (Lt Col, USAF, ret)
FOCUS AREA: PRE-HOSPITAL TRAUMA  | Bexar Room (HUC 1.102)

Presentation 1
En Route Intraosseous Access Preformed in the Combat Setting - Shelia C. Savell, PhD, RN, United States Air Force
En Route Care Research Center, JBSA-Lackland

Presentation 2
Transport for critically ill non-trauma patients by critical care air transport teams (CCATT) - Kimberly Medellin, BSN, United States Air Force En Route Care Research Center, JBSA-Lackland

Presentation 3
The impact of critical care air transport team (CCATT) ventilator management on combat mortality - Alejandra Mora, BS, United States Air Force En Route Care Research Center, JBSA-Lackland

Presentation 4
The impact of transport time on outcomes following evacuation from point of injury - Maj Joseph K. Maddry, MD, United States Air Force En Route Care Research Center, Department of Emergency Medicine, San Antonio Military Medical Center

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FOCUS AREA: INPATIENT AND OUTPATIENT CARE  | Mesquite Room (UC 2.01.24)

Please note, this room is located in the University Center North

Presentation 1
Emergency Airway Management at San Antonio Military Medical Center: A 12-Month Descriptive Analysis - Jessie Fernandez, BS, US Army Institute of Surgical Research

Presentation 2
Preventing Unplanned Perioperative Hypothermia with Improved Warming Practices: A Literature Review - Maj David F. Bradley Jr., Perioperative Clinical Nurse Specialist, San Antonio Military Medical Center

Presentation 3
Sudden Sensorineural Hearing Loss in the Department of Defense - LT Charlotte K. Hughes, MD, MPH, San Antonio Military Medical Center

Presentation 4
Usage of Vasopressors in the United States during a Decade - Shaadi Abughazaleh, BS, University of Texas Health San Antonio School of Medicine

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FOCUS AREA: PUBLIC HEALTH AND WELLNESS AND PREVENTATIVE MEDICINE  | Travis Room (HUC 2.202)

Presentation 1:
Behavioral and pharmacological tobacco interventions for military personnel: A meta-analysis - Capt Chase Aycock, USAF, BSC, Clinical Psychology Resident, JBSA-Lackland

Presentation 2
Host MicroRNAs Regulate Antigen-Specific Immune Responses Following Chlamydia Pulmonary Infection - Jonathon Keck, BS, The University of Texas at San Antonio, South Texas Center for Emerging Infectious Diseases
FOCUS AREA: REGENERATIVE MEDICINE | Harris Room (HUC 2.212)

Presentation 1
Bench to Bedside: Optimizing Mesenchymal- Stem- Cell (MSC) Isolation, Processing, and Expansion for In Vivo Administration - Ben Antebi, PhD, US Army Institute of Surgical Research

Presentation 2
Developing a Delayed Treatment Injury Model for Evaluating Potential Bone Regeneration Therapies - Ian Johnson, US Army Institute of Surgical Research

Presentation 3
Minimizing Duration and Severity of Oral Mucositis in STEM Cell Transplant - 1Lt Alexander Sewersky, BSN, Inpatient Medical-Surgical Unit, San Antonio Military Medical Center

Presentation 4
Sealing of Corneal Lacerations Using Photo-Activated Rose Bengal Dye and Amniotic Membrane - Capt Timothy Soeken, MD, MSc, San Antonio Uniformed Services Health Education Consortium

FOCUS AREA: TECHNOLOGY AND INNOVATION IN HEALTHCARE | Hidalgo Room (HUC 2.214)

Presentation 1
Retrospective analysis of the post-operative changes in higher order aberrations: A comparison of the WaveLight® EX500 to the VISX® S4 laser in refractive surgery - CPT Donovan Reed, MD, San Antonio Military Medical Center

Presentation 2
A Novel Bioreorbable/Bioreintegratble/Biocompatible Dressing For Negative Pressure Wound Therapy - CPT Samuel Thak, M.D., Ph.D., San Antonio Military Medical Center

Presentation 3
Innovation in Chronic Pain Treatment: Integrating Functional Restoration and Acceptance and Commitment Therapy - Donald D. McGeary, PhD, Associate Professor, Psychiatry, at UT Health San Antonio

Presentation 4
The Association of Teaching Institutions and Complications Due to Overdose or Incorrect Anesthesia Medication in the United States - America Revere, BS, UT Health San Antonio

FOCUS AREA: CAREGIVERS | Pecan Room (UC 2.01.26)

Please note, this room is located in the University Center North

Presentation 1
Advancing Care for Family Caregivers of Persons with Dementia: Community and Caregiver Partnerships - Carole White, PhD, RN, School of Nursing, UT Health San Antonio

Presentation 2
A 10 year Retrospective Evaluation of Pre-Injury Statin Use and Post-Injury Thromboembolic Events in Acute Trauma - CPT Ryan McMahon, DSc., Department of Surgery, San Antonio Military Medical Center
Presentation 3
Assessment of Veteran Caregiver Burden – Paul Nabity, PhD, UT Health San Antonio, Department of Psychiatry

Presentation 4
The Impact of a Novel Biobehavioral Intervention of Physiologic State, Perceived Stress and Effect - Lt Col Jacqueline Killian, PhD, JBSA-Lackland, Uniformed Services University of the Health Sciences

KEYNOTE SPEAKER
BACK TO THE FUTURE: EVOLUTION OF TRAUMA RESUSCITATION OVER THE LAST 153 YEARS

John Holcomb, M.D., FACS
Professor of Surgery
Center for Translational Injury (CeTIR)
UT Health McGovern Medical School
11:30am - 12:00pm | Ballroom (HUC 1.104 & 1.106)

Luncheon
12:00pm - 1:00pm | Ballroom (HUC 1.104 & 1.106)

Poster Presentations and Networking Session
1:00pm - 2:00pm | Denman (UC 2.01.28)
Please note, this room is located in the University Center North

AFTERNOON SYMPOSIA | 2:15PM - 3:30pm

SYMPOSIUM SIX | Mesquite Room (UC 2.01.24)
Parasomnias Related to Trauma
Panel Moderator: Matthew S. Brock, MD (Maj, USAF, MC)
Speakers: Vincent Mysliwiec, Kristi Pruiksma, PhD, Jennifer Creamer, MD

SYMPOSIUM SEVEN | Ballroom (HUC 1.104 & 1.106)
Making Mock Code Training Burn Specific
Panel Moderator: Sabas Salgado, MBA-HM, RN (CPT, USA, NC)
Speakers: Nizar Boodchwani, RN, Mark Castillo, RN, Brent Sabatino, RN, Kirt Cline, RN, Dan Martinez, LVN, Monica Abbott, MSN, RN

SYMPOSIUM EIGHT | Harris Room (HUC 2.212)
Advances in Infectious Diseases Research
Panel Moderator: Bernard Arulanandam, PhD, MBA
Speakers: Manu Anantpadma, PhD, Marie-Claire Gauduin, PhD, Kirsten Hanson, PhD, Jonathan Keck, Holly May

SYMPOSIUM NINE | Travis Room (HUC 2.202)
Ex-Vivo Graft Preservation
Panel Moderator: Bijaya Parida, PhD
Speakers: Samuel Tahk, MD, Nicholas Robbins, PhD, Matthew Wordsworth
SYMPOSIUM TEN | Bexar Room (HUC 1.102)

Military Prehospital Transfusion during Combat Operations
Panel Moderator: Col Stacy Shackelford, MD
Speakers: Col Stacy Shackelford, MD, MAJ Andrew Fisher, PA-C, Dr. Deborah Del Junco, PhD

AFTERNOON PODIUM PRESENTATION | 3:45pm - 5:00pm

FOCUS AREA: PATIENT SAFETY | Ballroom (HUC 1.104 & 1.106)

Presentation 1
3T UPC EBP Retrospective Analysis of Bundle Compliance in MICU Patients - Cassandra Bullock, San Antonio Military Medical Center

Presentation 2
Standardizing Patient Safety Analysis using Expedited Root Cause Analysis Methodology - CPT Stephen Wilcox, San Antonio Military Medical Center

Presentation 3
Delayed Onset of Methemoglobinemia in a Patient with Burn and Inhalation Injury - Alisha Z. Jiwani, MD, MPH, US Army Institute of Surgical Research

FOCUS AREA: MEDICAL MODELING AND SIMULATION | Harris Room (HUC 2.212)

Presentation 1
Paradigm Shift: An evaluation of Navy en route care training using high-fidelity simulation as a research platform - Lauren Reeves, MSPH, En Route Care Research Center, San Antonio Military Medical Center

Presentation 2
Investigation of intravenous hydroxocobalamin compared to Hextend for resuscitation in a swine model of uncontrolled hemorrhagic shock: a preliminary report - Maj Joseph K. Maddry, MD, USAF, En Route Care Research Center; Department of Emergency Medicine, San Antonio Military Medical Center

Presentation 3
Sodium azide associated acute hyperkalemia in a swine model of sodium azide toxicity - Maj Joseph K. Maddry, MD, USAF, En Route Care Research Center; Department of Emergency Medicine, San Antonio Military Medical Center

Presentation 4
Advanced Computer Simulation and Visualization in Medical Training and Practice - Yusheng Feng, PhD, The University of Texas at San Antonio, Department of Mechanical Engineering

FOCUS AREA: POLICY, PRACTICE AND COLLABORATIONS | Bexar Room (HUC 1.102)

Presentation 1

Presentation 2
Traumatic Knee Injury: How much knee effusion on radiography is pathologic? - Lt Col Nathan Cecava, MD, San Antonio Uniformed Services Health Education Consortium

SURF 2017
Presentation 3
Leadership Training in Endocrinology Fellowship: A Survey of Program Directors and Recent Graduates
- Col Mark W. True, MD, FACP, FACE, JBSA-Lackland

Presentation 4
Measuring Physician Coordination of Care Using Social Network Analysis and Relational Coordination – Katharine K. McMillian, PhD, UT Health San Antonio

FOCUS AREA: TECHNOLOGY AND INNOVATION IN HEALTHCARE | Hidalgo Room (HUC 2.214)

Presentation 1
Nocturnal Oxygen Variability in Home Dwelling Heart Failure Patients - Cubby L. Gardner, PhD, Nursing Research Division, JBSA-Lackland

Presentation 2
QuikClot TM Combat Gauze use by ground forces in Afghanistan - MAJ Steven Schauer, DO, RDMS, FAAEM, FACEP, US Army MEDCOM

Presentation 3
Trimming the Fat: How One Clinic's Lean Daily Management Changes Practice - Connie C. Morrow, MAEd-AET, CRT, Diabetes Center of Excellence, JBSA-Lackland

Presentation 4
Using Cell Profiler and automated confocal feedback microscopy to quantify Plasmodium liver stage phenotypes and antimalarial compound activity - Charleston West, BS, The University of Texas at San Antonio, South Texas Center for Emerging Infectious Diseases

FOCUS AREA: PREHOSPITAL TRAUMA | Travis Room (HUC 2.202)

Presentation 1
Analysis of Pre-hospital Trauma Transport from Point of Injury to Role 2 Medical Treatment Facilities in Afghanistan - Jennifer Trevino, US Army Institute of Surgical Research

Presentation 2
Comparison of MEDEVAC cricothyrotomy, endotracheal intubation, and supraglottic airway outcomes for Operation Enduring Freedom - Avery Kester, BS, USAF En Route Care Research Center, JBSA-Lackland

Presentation 3
Factors Associated with Trauma Patients' Length of stay at Role 2 Facilities in Afghanistan, October 2009 to September 2014 - Amanda Staudt, Ph.D., MPH, Systems of Care for Complex Patients, US Army Institute of Surgical Research

Presentation 4
Efficacy of Albumin in a Rat Model of Hemorrhagic Shock and Trauma with Tourniquet Depends on its Pre-saturation with Fatty Acids - Alexander Penn, PhD, US Army Institute of Surgical Research
FOCUS AREA: PUBLIC HEALTH AND WELLNESS AND PREVENTATIVE MEDICINE | Mesquite Room (UC 2.01.24)
Please note, this room is located in the University Center North

Presentation 1
Anti-Epileptic Drugs and Suicide Related Behavior: Is it the Drug or Comorbidity? – Hari Krishna Raju Sagiraju, MD, PhD, Department of Epidemiology & Biostatistics, School of Medicine, UT Health San Antonio

Presentation 2
Pre-Prandial Glucose Monitoring and Insulin Administration - Lt Lucinda Agyeman, BSN, RN, Inpatient-Medical Surgical Unit, San Antonio Military Medical Center

Presentation 3
Total Parenteral Nutrition Usage Trends in the United States - Jason John, BS, UT School of Medicine at San Antonio

Presentation 4
Chagas Disease in Texas: Targeted Outreach and Education for Awareness with Health Care Providers and Relevant Stakeholders – Paula Stigler Granados, PhD, UT Health School of Public Health in San Antonio

CLOSING REMARKS AND POSTER AWARD ANNOUNCEMENTS | 5:00pm
Ballroom (HUC 1.104 & 1.106)