THURSDAY, FEBRUARY 22, 2018

5:30pm
Welcome Reception

6:15pm
Resident Surgical Jeopardy Competition – Round I

FRIDAY, FEBRUARY 23, 2018

7:00am-8:00am
Registration, Breakfast, & Visit Exhibits

8:10am-9:10am
Paper Competition: Presidential Session

8:10am-8:20am
PERORAL ENDOSCOPIC MYOTOMY (POEM): A PROSPECTIVE CASE SERIES FOR TREATMENT OF ACHALASIA
Aman Ali, MD, Houston Methodist Hospital

8:20am-8:30am
EARLY VS DELAYED APPENDECTOMY FOR ACUTE APPENDICITIS: POPULATION LEVEL OUTCOMES USING ACS-NSQIP
Elizabeth Alore, MD, Baylor College of Medicine

8:30am-8:40am
DOES THE TRAUMA BAY TRAUMATIZE OUR RESIDENTS?
Brittany Bankhead-Kendall, MD, MS, University of Texas at Austin

8:40am-8:50am
ANTI-INFLAMMATORY EFFECTS OF NOVEL ORIDONIN ANALOG CYD0693 IN RAT CARDIOMYOCYTES VIA INHIBITION OF NF-κB SIGNALING PATHWAY
Claire Cummins, MD, University of Texas Medical Branch

8:50am-9:00am
CHEST AND PELVIS X-RAYS AS A SCREENING TOOL FOR ABDOMINAL INJURY IN GERIATRIC BLUNT TRAUMA PATIENTS
Brent Emigh, MD, Dell Medical School at The University of Texas at Austin

9:00am-9:10am
A NATIONWIDE ANALYSIS OF DISPARITIES IN THE SURGICAL MANAGEMENT OF ACUTE CHOLECYSTITIS
Krislynn Mueck, MD, University of Texas McGovern Medical School at Houston
9:10am-10:00am
**Paper Competition: Surgical Potpourri**

9:10am-9:20am
 IMPLEMENTING ERAS FOR COLORECTAL SURGERY IN A COMMUNITY HOSPITAL  
Jorge Rodriguez, Medical Student, Houston Methodist Hospital

9:20am-9:30am
 GENDER DISPARITY IN SURGICAL SPECIALTIES RESEARCH  
Karla Bernardi, MD, University of Texas Health Science Center at Houston

9:30am-9:40am
 HETEROGENEITY OF PATIENT TEMPERATURE MEASUREMENTS DURING CARDIOPULMONARY BYPASS  
Robert McLauchlan, MS4, University of Texas Medical Branch -- Galveston

9:40am-9:50am
 METABOLIC DIFFERENTIATION OF THYROID AND PARATHYROID TISSUE IN REAL TIME USING INTRAOPERATIVE COMPATIBLE AMBIENT IONIZATION MASS SPECTROMETRY  
Elizabeth Alore, MD, Baylor College of Medicine

9:50am-10:00am
**Break with Exhibitors**

10:00am-10:50am
**Paper Competition: Mini-Talk Session I**

10:00am-10:15am
 HIGH FREQUENCY VENTILATION ELIMINATES THE NEED FOR RESPIRATORY MOTION CORRECTION IN IMAGE GUIDED SURGERY  
Aman Ali, MD, Houston Methodist Hospital

10:15am-10:30am
 CONTEMPORARY OUTCOMES OF STAGED VERSUS PRIMARY LOWER EXTREMITY AMPUTATION FOR FOOT GANGRENE  
Tracy Cheun, MD, UT Health San Antonio

10:30am-10:45am
 MILD TO MODERATE TO SEVERE: WHAT DRIVES PROGRESSION OF SEVERITY OF ARDS IN TRAUMA PATIENTS?  
Pamela Daher, MD, Dell Seton Medical Center at University of Texas at Austin

10:45am-10:50am
 TRENDS AND OUTCOMES FOR MINIMALLY INVASIVE SURGERY FOR INFLAMMATORY BOWEL DISEASE  
Catherine Davis, MD, MPH, Houston Methodist Hospital

10:50am-11:20am
**ACS Update**
Barbara Bass, MD, FACS

11:20am-12:00pm
**MOC Debate**
J. Patrick Walker, MD, FACS & Phil Greger, MD, FACS
12:00pm-1:00pm
Lunch & Committee Meetings

- COT, COC, Young Fellows, Women in Surgery

1:00pm-1:20pm
Paper Competition: Mini-Talk Session II

1:00pm-1:05pm
INJURY SEVERITY IS PREDICTED BY COMPENSATORY RESERVE MEASUREMENT (CRM) AT ADMISSION AND AFTER INTERVAL RESPONSE TO MANAGEMENT
Mallory Wampler, MD, UT Health San Antonio

1:05pm-1:10pm
INJURY PATTERN, SEVERITY, AND OUTCOMES OF BICYCLE CRASHES BASED ON CRASH LOCATION USING THE NATIONAL TRAUMA DATA BANK
Erin Guerra, BSA, Dell Medical School, University of Texas at Austin

1:10pm-1:15pm
COMPARATIVE PERFORMANCE OF THE 7TH AND THE 8TH EDITIONS OF THE AMERICAN JOINT COMMITTEE ON CANCER STAGING SYSTEMS FOR SOFT TISSUE SARCOMA OF THE TRUNK AND EXTREMITIES
Sarah Fisher, MD, MD Anderson Cancer Center

1:15pm-1:20pm
IMPROVING PATIENT CENTERED OUTCOMES AFTER LAPAROSCOPIC INPATIENT CHOLECYSTECTOMY
Gabrielle Hatton, MD, University of Texas McGovern Medical School at Houston

1:20pm-2:05pm
Social Media and the Surgeon: Potential, Pitfalls and Popularity
Danielle Walsh, MD, FACS
East Carolina University, Greenville, NC

2:05pm-3:05pm
Paper Competition: General Surgery

2:05pm-2:15pm
THE COMBINATION OF PYLOROPLASTY AND GASTRIC ELECTRICAL STIMULATION IMPROVES GASTRIC EMPTYING TIME AND SYMPTOMS IN PATIENTS WITH GASTROPARESIS
Diya AL Najjar, MB.Ch.B, UT Health San Antonio

2:15pm-2:25pm
SURGICAL MANAGEMENT OF GALLSTONE PANCREATITIS: ARE WE ADHERING TO GUIDELINES?
Jennifer Goeddel, MS2, Baylor College of Medicine

2:25pm-2:35pm
PRIORITIZING QUALITY IMPROVEMENT OPPORTUNITIES IN GENERAL IN SURGERY: DEJA VU ALL OVER AGAIN
Byron Hughes, MD, MPH, University of Texas Medical Branch – Galveston

2:35pm-2:45pm
ABLATION OF CYSTATHIONINE-GAMMA-LYASE PROMOTES COLITIS-ASSOCIATED CARCINOGENESIS
Ketan Thanki, MD, University of Texas Medical Branch
2:45pm-2:55pm
EFFICACY OF BIOSYNTHETIC P4HB MESH IN HIGH RISK VENTRAL HERNIA REPAIR
Vishwanath Chegireddy, MD, Houston Methodist Hospital

2:55pm-3:05pm
PROLONGED OPIOID PRESCRIBING AFTER GENERAL SURGICAL PROCEDURES IN THE UNITED STATES
Evan Ross, MD, University of Texas Medical Branch

2:10pm-3:00pm
**Paper Competition: Pediatric Surgery**

2:10pm-2:20pm
"SUPER-EARLY" REPAIR OF CONGENITAL DIAPHRAGMATIC HERNIA ON EXTRACORPOREAL MEMBRANE OXYGENATION (ECMO) MAY IMPROVE OUTCOMES IN SELECT PATIENTS
Emily Steen, MD, Baylor College of Medicine

2:20pm-2:30pm
DON'T BLAME THE PATIENT: SURGICAL SITE AND DISEASE SEVERITY DRIVE SURGICAL SITE INFECTION IN PEDIATRIC GASTROINTESTINAL SURGERY
Marisa Bartz-Kurycki, MD, McGovern Medical School at University of Texas Health Science Center at Houston

2:30pm-2:40pm
IL-10 Regulates the Perivascular Hyaluronan Metabolism to Improve Pulmonary Hypertension in CDH
Alexander Blum, ScB, Texas Children’s Hospital

2:40pm-2:50pm
EVOLVING BIOPSY TECHNIQUES FOR THE DIAGNOSIS OF NEUROBLASTOMA IN CHILDREN
Giovanni Campagna, BS, Baylor College of Medicine

2:50pm-3:00pm
WHEN IS PRENATAL MRI ASSESSMENT MOST USEFUL IN CONGENITAL DIAPHRAGMATIC HERNIA
Candace Style, MD, Baylor College of Medicine

3:00pm-3:15pm
**Break with Exhibitors**

3:15pm-4:15pm
**The Great Debate (Pro v. Con)**

- **Robotic Colorectal Surgery**
  Moderator: Rahila Essani, MD

- **REBOA: Resuscitative Endovascular Balloon Occlusion of the Aorta**
  Moderator: Drew Davis, MD

- **Appendicitis Management**
  Moderator: Richard Frazee, MD
4:25pm-5:25pm  
**Paper Competition: Trauma Session**

4:25pm-4:35pm  
**THE HIDDEN COST OF HIGHWAY CONSTRUCTION**  
*Lucia Nguyen, MD, Baylor Scott and White Health*

4:35pm-4:45pm  
**DEVELOPMENT OF SEPSIS IS ASSOCIATED WITH ENDOTHELIOPATHY AFTER TRAUMA - A SECONDARY ANALYSIS OF PATIENTS FROM THE PROPPO (PRAGMATIC, RANDOMIZED OPTIMAL PLATELET AND PLASMA RATIOS) TRIAL**  
*Shuyan Wei, MD, University of Texas Health Science Center at Houston*

4:45pm-4:55pm  
**COMPARISON OF MRCP AND CT FOR DIAGNOSTIC EVALUATION OF PANCREATIC DUCT INJURY IN CHILDREN**  
*Eric Rosenfeld, MD, Texas Children’s Hospital*

4:55pm-5:05pm  
**CHALLENGING DOGMA: ROUTINE COMPLETION ANGIOGRAPHY IS NOT WARRANTED FOLLOWING LOWER EXTREMITY TRAUMATIC ARTERIAL REPAIRS**  
*Ahmed Khouqeer, MD, Baylor College of Medicine*

5:05pm-5:15pm  
**DOES SCREENING AND BRIEF INTERVENTION AT A LEVEL 1 TRAUMA CENTER IMPACT ACUTE STRESS REACTIONS TO PREVENT LATER DEVELOPMENT OF POST TRAUMATIC STRESS DISORDER?**  
*Irene Tabas, MPH, Dell Seton Medical Center at The University of Texas*

5:15pm-5:25pm  
**1947-PRESENT: EXPLOSIONS AND OTOLOGIC TRAUMA**  
*Bless Onaiwu, Medical Student, University of Texas Medical Branch*

4:25pm-5:25pm  
**Paper Competition: Vascular Surgery**

4:25pm-4:35pm  
**ENDOVASCULAR REPAIR OF BILATERAL COMMON ILIAC AND RIGHT HYPOGASTRIC ARTERY ANEURYSMS WITH PRESERVATION OF THE HYPOGASTRIC ARTERIES**  
*Nestor Arita, MD, Baylor College of Medicine*

4:35pm-4:45pm  
**LEARNING CURVE OF FENESTRATED ENDOVASCULAR ANEURYSM REPAIR**  
*Jerry Kim, MD, Baylor College of Medicine*

4:45pm-4:55pm  
**GORE HYBRID VASCULAR GRAFT IN COMPLEX REVASCULARIZATIONS - DEMONSTRATES SAFETY AND EFFICACY**  
*John Nguyen-Lee, MD, Houston Methodist Hospital*

4:55pm-5:05pm  
**PERMANENT HEMODIALYSIS ACCESS IN ELDERLY PATIENTS**  
*Deep Pujara, MBBS, Michael E. DeBakey VA Medical Center*
5:05pm-5:15pm
LOWER EXTREMITY NEUROLOGICAL IMPAIRMENT AFTER FEVAR
Bernardino Rocha, MD, Baylor College of Medicine

5:15pm-5:25pm
HOSPITAL VOLUME, RACE AND GEOGRAPHY ARE ASSOCIATED WITH LEG AMPUTATIONS IN TEXAS
Neal Barshes, MD, FACS, Baylor College of Medicine

5:30pm-6:00pm
Surgical Skills Round-Up

6:00pm-7:30pm
Reception and Final Jeopardy
(Final Jeopardy starts at 6:30pm)

SATURDAY, FEBRUARY 24, 2018

7:00am-8:00am
Registration, Breakfast, & Visit Exhibitors

7:00am-8:00am
Poster Competition

8:00am-8:30am
Paper Competition: Mini-Talk Session III

8:00am-8:05am
SAFETY OF ROBOTIC ASSISTED LAPAROSCOPIC RECURRENT PARAESOPHAGEAL HERNIA REPAIR: INSIGHTS FROM A LARGE SINGLE INSTITUTION EXPERIENCE
Nicholas Holton, BA, McGovern Medical School, UT Health

8:05am-8:10am
SURGSCORE: DEVELOPMENT AND VALIDATION OF A RISK ADJUSTMENT MODEL FOR SURGERY
Byron Hughes, MD, University of Texas Medical Branch

8:10am-8:15am
THE IMPACT OF VIOLENCE ON PATTERNS OF PEDIATRIC FACIAL FRACTURES IN A LEVEL 1 TRAUMA POPULATION
D’Arcy Wainwright, BS, McGovern Medical School

8:15am-8:20am
INCIDENTAL APPENDECTOMY DURING SURGICAL INTUSSUSCEPTION REDUCTION
Emile Gleeson, BA, Baylor College of Medicine

8:20am-8:25am
EARLY OPERATION VERSUS OBSERVATION FOR CHILDREN WITH ADHESIVE SMALL BOWEL OBSTRUCTION
Jonathan Hyak, BS BA, Baylor College of Medicine

8:25am-8:30am
IMPACT OF POSTOPERATIVE NADIR HEMOGLOBIN AND CARDIAC RISK STATUS ON OUTCOMES AFTER MAJOR GENERAL AND VASCULAR SURGERY OPERATIVE INTERVENTIONS  
Sherene Sharath, PhD, Baylor College of Medicine

8:30am-9:30am
Paper Competition: Surgical Potpourri II

8:30am-8:40am
CAN ROBOTIC ASSISTED CHOLECYSTECTOMY LEAD TO IMPROVED OUTCOMES IN OBESE PATIENTS?  
Joseph Krocker, BS, Texas Tech University HSC- El Paso

8:40am-8:50am
COMPARISON OF RISK PREDICTION MODELS FOR POST-OPERATIVE CARDIAC COMPLICATIONS FOLLOWING ORTHOPEDIC SURGERY: A NSQIP ANALYSIS  
Aisha Vadhariya, MS, University of Houston

8:50am-9:00am
OUTCOMES OF COMPLEX PARASTOMAL HERNIA REPAIR UTILIZING "SILO" TECHNIQUE  
Vishwanath Chegireddy, MD, Houston Methodist Hospital

9:00am-9:10am
IMPLICATIONS OF DEMOGRAPHICS AND SOCIOECONOMIC FACTORS IN BREAST CANCER RECONSTRUCTION  
Sanam Zahedi, MD, University of Texas Medical Branch – Galveston

9:10am-9:20am
SURGICAL MANAGEMENT OF PEDIATRIC FACIAL FRACTURES AT A TERTIARY LEVEL TRAUMA CENTER  
Joseph Moffitt, BS, McGovern Medical School

9:20am-9:30am
RADIAL PLATE FIXATION OF DISTAL RADIUS FRACTURE  
Eric Potter, BA, Texas Tech University HSC- El Paso

9:30am-9:40am
MIDLINE APPROACH FOR RETROPERITONEAL CONTROL OF BILATERAL EXTERNAL ILIAC VESSELS IN PATIENT WITH TRAUMATIC BILATERAL LOWER EXTREMITY AMPUTATION  
David Schechtman, MD, Brooke Army Medical Center

9:40am-9:50am
MECHANICAL FORCES AND INFLAMMATION REGULATE FIBROBLAST FUNCTIONAL DIVERSITY THAT IS PROPAGATED BY EXOSOMES  
Natalie Templeman, B.A., Baylor College of Medicine

9:50am-10:00am
TRAINING FOR TRANSPLANT: FRAILTY ASSESSMENT & OPTIMIZATION IN KIDNEY TRANSPLANT CANDIDATES  
Mary MrDutt, MD, Baylor Scott & White Health

10:00am-10:15am
Break with Exhibitors
10:15am-10:50am
**Paper Competition: Surgical Oncology**

10:15am-10:20am
FINAL REPORT OF A RANDOMIZED PHASE 1B TRIAL TO ASSESS SEQUENCING OF THE E39 AND E39' VACCINES TO OPTIMIZE LONG-TERM ANTI-TUMOR IMMUNITY IN FOLATE BINDING PROTEIN (FBP) EXPRESSING BREAST AND OVARIAN TUMORS
*John Myers, III, MD, San Antonio Military Medical Center*

10:20am-10:30am
RESIDENT-INITIATED ENHANCED RECOVERY AFTER SURGERY FOR PANCREATICODUODENECTOMY
*Bobby Robinson, MD, Scott and White Medical Center*

10:30am-10:40am
GIST THE REGIONAL CENTER EXPERIENCE
*Ali Mahmood, MD, FACS, Methodist/ Weil Cornell*

10:40am-10:50am
TYPE 1 GASTRIC NEUROENDOCRINE TUMOR LIVER METASTASES RESPONDING TO SOMATOSTATIN
*Colin Rog, BS, Baylor College of Medicine*

10:50am-11:50am
**Ethics Lecture**

11:50am-12:15pm
- South Texas Chapter ACS Business Meeting
- ACS Foundation Update
- Best Paper Awards Announced

12:15pm
**Adjournment**