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
APPLYING THE SCIENCE OF SELECTION TO SURGICAL FELLOWSHIPS: AN EXAMINATION OF FEASIBILITY, EFFICIENCY, AND FACULTY PERCEPTIONS
*Brian Dunkin, MD, FACS, Houston Methodist Hospital*

9:50am-10:00am
METABOLIC DIFFERENTIATION OF THYROID AND PARATHYROID TISSUE IN REAL TIME USING INTRAOPERATIVE COMPATIBLE AMBIENT IONIZATION MASS SPECTROMETRY
*Elizabeth Alore, MD, Baylor College of Medicine*

10:00am-10:30am
**Break with Exhibitors**

10:30am-10:50am
**Paper Competition: Mini-Talk Session I**

10:30am-10:35am
HIGH FREQUENCY VENTILATION ELIMINATES THE NEED FOR RESPIRATORY MOTION CORRECTION IN IMAGE GUIDED SURGERY
*Aman Ali, MD, Houston Methodist Hospital*

10:35am-10:40am
CONTEMPORARY OUTCOMES OF STAGED VERSUS PRIMARY LOWER EXTREMITY AMPUTATION FOR FOOT GANGRENE
*Tracy Cheun, MD, UT Health San Antonio*

10:40am-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
**INCIDENTAL APPENDECTOMY DURING SURGICAL INTUSSUSCEPTION REDUCTION**
*Emile Gleeson, BA, Baylor College of Medicine*

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
**Role Social Media Plays in Surgery**
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
EFFECTIVENESS 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
Sepeadeh Radpour, MA, University of Texas at Austin Dell Medical School

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
1947-PRESENT: EXPLOSIONS AND OTOLOGIC TRAUMA
Bless Onaiwu, Medical Student, University of Texas Medical Branch

4:45pm-4:55pm
DEVELOPMENT OF SEPSIS IS ASSOCIATED WITH ENDOTHELIOPATHY AFTER TRAUMA - A SECONDARY ANALYSIS OF PATIENTS FROM THE PROPPR (PRAGMATIC, RANDOMIZED OPTIMAL PLATELET AND PLASMA RATIOS) TRIAL
Shuyan Wei, MD, University of Texas Health Science Center at Houston

4:55pm-5:05pm
COMPARISON OF MRCP AND CT FOR DIAGNOSTIC EVALUATION OF PANCREATIC DUCT INJURY IN CHILDREN
Eric Rosenfeld, MD, Texas Children’s Hospital

5:05pm-5:15pm
CHALLENGING DOGMA: ROUTINE COMPLETION ANGIOGRAPHY IS NOT WARRANTED FOLLOWING LOWER EXTREMITY TRAUMATIC ARTERIAL REPAIRS
Ahmed Khouqeer, MD, Baylor College of Medicine

5:15pm-5:25pm
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

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

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