

## 2019 HWSS INDUCTEES



### GRADUATING RESIDENTS

Davis P. Berry, MD  
Rebecca E. Bittenbinder, MD  
Grant A. Bond, MD  
David M. Hall, MD

Charles "Patrick" Shahan, MD  
Drew B. Turner, MD  
Susan M. Weislak, MD  
Nicole L. Whatley, MD

### GRADUATING FELLOWS

Emily Lenart, DO (Surgery Critical Care)  
Jacqueline Majors, MD (Vascular Surgery)\*  
Alpin Malkan, MD (Pediatric Surgery)  
Carmen Mora, MD (Surgery Critical Care)

Catherine Seger, MD (Surgery Critical Care)  
Ethan Stranch, MD (Surgery Critical Care)\*  
Miriam Tsao, MD (Surgical Oncology)  
Timothy Weatherall, MD (Vascular Surgery)\*

### NEW FACULTY

Corey Eymard, MD  
Matthew Davis, MD  
Nathan Hinkle, MD\*

Daniel Maluf, MD  
Chittoor Bhaskar Sai Sudhakar, MD  
Danny Yakoub, MD

\*Current HWSS Members

### VISITING PROFESSOR

Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS

**PEABODY HOTEL | Venetian Room | 118 S. 2nd Street**

{Take elevator to Mezzanine Level (M), then first left}

6:00 PM      Cocktails  
7:00 PM      Dinner



**SATURDAY, JUNE 15, 2019**

**Galloway Golf Course | 3815 Walnut Gove Road**

9:00 AM      Golf Tournament

#### ACCREDITATION

Methodist Le Bonheur Healthcare is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

#### CREDIT

Methodist Le Bonheur Healthcare designates this live activity for a maximum of 1.00 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



## ANNUAL SYMPOSIUM



Friday, June 14, 2019

7:00 AM—2:30 PM

University of Tennessee Health Science Center

Freeman Auditorium

930 Madison Avenue, 3rd Floor

## HWSS ANNUAL SYMPOSIUM

### PRESENTERS



#### Session 1: Basic Science Oral Presentations

**Moderator: Ankush Gosain, MD, PhD**

1. Early Microenvironmental Changes in the Pre-metastatic Liver  
**Presenter: Justin Drake, MD**  
**Discussant: Evan Glazer, MD, PhD**
2. Effects of TGF- $\beta$  on ARID1a expression in pancreatic cancer cell lines  
**Presenter: Marcus Alvarez, MD**  
**Discussant: Andrew Murphy, MD**
3. Molecular Comparison of Peritoneal Metastases from Appendiceal (pAC) and Colorectal Cancer (pCRC)  
**Presenter: Benjamin Deschner, MD**  
**Discussant: Valeria Mas, PhD**
4. Transmembrane Mucin MUC13 Distinguishes Intraductal Papillary Mucinous Neoplasms from Non-Mucinous Cysts and is Associated with High-Risk Lesions  
**Presenter: Zachary Stiles, DO**  
**Discussant: Paxton Dickson, MD**

#### Session 2: Clinical Research Oral Presentations

**Moderator: Louis Magnotti, MD, MS, FACS**

1. Present-day Analysis of Early Re-amputation after Forefoot Amputation  
**Presenter: Benjamin Zambetti, MD**  
**Discussant: Cory Evans, MD**
2. Evolution of Firearm Violence over 20 Years: Integrating Law Enforcement and Clinical Data  
**Presenter: Nathan Manley, MD**  
**Discussant: Regan Williams, MD**

## HWSS ANNUAL SYMPOSIUM

### PRESENTERS



3. Neutrophil-to-Lymphocyte Ratio and Derived Neutrophil-to-Lymphocyte Ratio Predicts Disease Specific Survival in Patients Undergoing Curative Intent Resection for Gastric Cancer within a Racially and Socioeconomically Diverse Population  
**Presenter: Miriam Tsao, MD**  
**Discussant: Lindsay Talbot, MD**
4. The Impact of Race and Socioeconomic Status on the Presentation, Management and Outcomes for Gastric Cancer Patients: Analysis from a Metropolitan Area in the Southeast United States  
**Presenter: Olivia DeLozier, MD**  
**Discussant: Ryan Helmick, MD**

#### Session 3: Poster Walk

1. PD-L1 diminishes the tumor suppressive effects of TGF- $\beta$  in pancreatic ductal adenocarcinoma  
**Marcus Alvarez, MD**
2. Surgeon- & Anesthesiologist-Perceived Barriers to Initiating Enhanced Recovery After Surgery in Pediatric Colorectal Patients  
**Michael Bright, MD**
3. Global Barriers to Undergoing Surgery  
**Nidhi Desai, MD**
4. Visceral Angiosarcoma: An Nationwide Analysis of Treatment Factors and Outcome  
**Benjamin Zambetti, MD**
5. The Utilization and Impact of Adjuvant Therapy Following Neoadjuvant Therapy and Complete Resection of Pancreatic Adenocarcinoma: Does More Really Matter?  
**Justin Drake, MD**

HWSS ANNUAL SYMPOSIUM  
PRESENTERS

Session 3: Poster Walk Continues

6. Systematic review looking at the role of restaging patients with rectal cancer after completion of neoadjuvant chemoradiation  
**Leah Hendrick, MD**
7. ERCP vs MRCP in children with choledocholithiasis  
**Jessica Staszak, MD**
8. Contemporary Utilization of and Outcomes for Epidural Anesthesia During Distal Pancreatectomy  
**Zachary Stiles, DO**
9. Correlation between Altmetric Score and Citations in Pediatric Surgery Core Journals  
**Jeremy Chang**
10. Distant Metastasis from Small Bowel Adenocarcinomas: A National Cancer Database Analysis  
**Ashley Dodd**
11. Location, Location, Location: Utilizing NBATS-2 in Trauma System Planning  
**Jennings Dooley**
12. Melanoma Gene Expression Profiling as a Predictor of Additional Disease Burden in Sentinel Lymph Node Positive Patients  
**Andrew Fleming**
13. Resection Margin Histology May Predict Intermediate-Term Outcomes in Children with Hirschsprung Disease  
**Kathryn Fowler**
14. Is There a Benefit for Added Radiation to Adjuvant Chemotherapy after D2 Gastrectomy for Resectable Gastric Cancer?  
**Michael Jalfon**

HWSS ANNUAL SYMPOSIUM PROGRAM  
JUNE 14, 2019

- 7:00 am Morbidity & Mortality Conference (Coffee available)
- 8:00 am Registration & Poster Setup (Breakfast available)  
(Poster Setup ~ Madison Ave. Plaza Building Lobby)
- 8:20 am Welcome & Remarks  
**David Shibata, MD, FACS, FASCRS**  
Scheinberg Endowed Chair in Surgery  
Professor and Chair, Department of Surgery  
**Louis Magnotti, MD, MS, FACS**  
Professor, Department of Surgery  
HWSS Secretary/Treasurer  
**Ankush Gosain, MD, PhD**  
Associate Professor of Surgery & Pediatrics  
Associate Program Director ~ Research
- 8:30 am **Session 1:** Basic Science Oral Presentations  
Moderator: Ankush Gosain, MD, PhD
- 9:30 am Coffee Break & Poster Viewing [Coffee available]  
(Madison Avenue Plaza Building Lobby)
- 10:00 am **Session 2:** Clinical Research Oral Presentations  
Moderator: Louis Magnotti, MD, MS, FACS
- 11:00 am **Session 3:** Poster Walk | Judging [Coffee available]  
(Madison Avenue Plaza Building Lobby)
- 11:45 am Lunch ~ 930 Madison Ave. Plaza Lobby (1st floor)
- 12:50 pm Introduction of Speaker ~  
David Shibata, MD, FACS, FASCRS
- 1:00 pm **Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS**  
2019 Harwell Wilson Surgical Society  
Distinguished Visiting Professor  
*“Achieving Surgical Quality: Observations from the American College of Surgeons”*
- 2:15 pm Remarks ~ David Shibata, MD, FACS, FASCRS
- 2:30 pm Business Meeting (ALL Members)

## Clifford Y. Ko, MD, MS, MSHS, FACS, FASCRS

Director, Division of Research and Optimal Patient Care  
American College of Surgeons | Professor of Surgery and Health Services  
David Geffen School of Medicine, University of California, Los Angeles (UCLA)



Dr. Clifford Ko is the Director of the Division of Research and Optimal Patient Care at the American College of Surgeons. He oversees all the quality improvement and accreditation/verification programs and activities of the division, including those related to Bariatric, Cancer, Pediatric, and Trauma surgeries. He also oversees the Surgeon Specific Registry (SSR), the Coalition for Quality in Geriatric Surgery (CQGS), and the Improving Surgical Care and Recovery (ISCR) project informed for enhanced recovery protocols. Dr. Ko serves as the Director of ACS NSQIP, which was recognized with the Eisenberg Award from the National Quality Forum/Joint Commission.

Dr. Ko's work focuses on surgical quality of care, including quality measurement, process improvement, value based care, and achieving high reliability in surgical care. He has served in advisory roles to national and international efforts for achieving higher quality and safety including the World Health Organization, the Institute of Medicine, the National Quality Forum, PCORI, amongst others. He has received millions of dollars in grant funding to study quality of care from sources that include the National Institutes of Health, the Centers for Disease Control and Prevention, the American Cancer Society, the Centers of Medicare and Medicaid Services, the Agency for Healthcare Research and Quality, and the Veterans Administration. He has published over 400 peer reviewed manuscripts and has written more than 20 book chapters. He is frequently invited to speak nationally and internationally, and is recognized by Becker's Hospital Review as one of the top 50 experts leading the field of patient safety.

Current national initiatives for Dr. Ko include overseeing the newly released Optimal Resources for Surgical Quality and Safety and the adjunctive and integrated resources/standards for the manual to inform a new verification program, and the implementation of surgical bundles into 1000+ hospitals.

Clinically, Dr. Ko is a double board-certified surgeon with a practice currently focusing on patients with colorectal cancer. At UCLA, he is the Robert and Kelly Day Professor of Surgery, has won the Faculty Teaching Award three times, and is recognized as one of the Best Doctors in America. He is also professor of health services at the UCLA School of Public Health.

Dr. Ko received his B.A (Biology), M.S. (Biological/Medical Ethics), and M.D. from the University of Chicago. He also received a Masters of Science Degree (Health Services/Outcomes Research) from the University of California, Los Angeles during his time as a Robert Wood Johnson Clinical Scholars Fellow at UCLA and RAND. Dr. Ko completed his General Surgery Residency at UCLA Medical Center, and obtained specialty training at the Lahey Clinic in Boston in Colon and Rectal Surgery.

## HWSS ANNUAL SYMPOSIUM

### PRESENTERS

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15. Opioid Prescribing and Use for Pediatric Umbilical Hernia Repair  
**Matthew Lee**
  16. Cause of Death After Surgery in Infants and Children  
**Justin Lomax**
  17. Donor Site Seroma Management after Latissimus Dorsi Flap for Post Mastectomy Reconstruction in Patients with Breast Cancer. Meta-Analysis of Randomized Controlled Trials  
**Garrett Minor**
  18. The Impact of Additional Surgical Intervention (ASI) after Cytoreduction and Hyperthermic Intraperitoneal Chemotherapy (HIPEC)  
**Jordan Raine**
  19. The Dysbiotic EdnrB(NCC-/-) Microbiota are Insufficient to Produce Hirschsprung-Associated Enterocolitis (HAEC) in Pseudo Germ-Free (PGF) Mice  
**Korah Kuruvilla, PhD**
  20. 37/67-Laminin Receptor Binding to Laminin-beta1 Facilitates Enteric Neural Crest Cell Migration in Endothelin Receptor-B Mutant Mice  
**Ming Fu, MD, PhD**