



Established in 1973

ANNUAL RESEARCH SYMPOSIUM



THE UNIVERSITY OF
TENNESSEE
HEALTH SCIENCE CENTER

COLLEGE *of* MEDICINE

Friday, June 9, 2023

7:00 am - 2:00 pm

University of Tennessee Health Science Center

Mooney and Nash Buildings

875 Monroe Avenue | Memphis, TN 38103

HWSS ANNUAL SYMPOSIUM PROGRAM

JUNE 9, 2023



- 7:30 am Registration & Continental Breakfast
(Poster Setup ~ Nash Building Lobby)
- 8:00 am Welcome & Opening Remarks, **Peter Fischer, MD**
- 8:05 am Welcome & Introduction of Distinguished Visiting Professor
David Shibata, MD, FACS, FASCRS
- Julie Freischlag, MD, FACS, FRCSEd (Hon), DFSVS, MAMSE**
2023 Harwell Wilson Surgical Society Distinguished Visiting Professor
Professor of Surgery, Wake Forest University School of Medicine
Chief Academic Officer, Advocate Health
Chief Executive Officer, Wake Forest University Baptist Health Center
“Daring to Do Hard Things”
- 9:05 am Break & Poster Viewing
(Nash Building Lobby)
- 9:35am **Session 1: Clinical Oral Presentations**
Moderator: Isaac Howley, MD, MPH, FACS
- 10:35 am Break & Poster Viewing
- 10:50 am **Session 2: Basic/Translational/Health Services**
Moderator: Evan Glazer, MD, PhD, FACS, FSSO
- 11:50 am **Session 3: Poster Walk | Judging & Lunch**
(Nash Building Lobby)
- 1:15 pm Introduction of Alumni Speaker, **Paxton Dickson, MD**
- Michael Kim, MD**
Invited Alumni Speaker
Associate Professor, Department of Surgical Oncology
University of Texas MD Anderson Cancer Center
“Deconstructing Tumor Biology– More Than the Sum of All Parts?”
- 2:00 pm Closing Remarks ~ David Shibata, MD, FACS, FASCRS
- 2:05 pm Harwell Wilson Surgical Society Business Meeting (ALL Members)

JULIE FREISCHLAG, MD, FACS, FRCSEd (Hon), DFSVS
Professor of Surgery, Wake Forest University School of Medicine
Chief Academic Officer, Advocate Health
Chief Executive Officer, Wake Forest University Baptist Health Center



Dr. Freischlag is the chief executive officer of Atrium Health Wake Forest Baptist, executive vice president and chief academic officer of Advocate Health and executive vice president for health affairs of Wake Forest University. As chief academic officer, Dr. Freischlag oversees research and discovery for the entire Atrium Health academic enterprise, including all education and research programs at Wake Forest University School of Medicine, Cabarrus College, and Carolinas College of Health Sciences.

Dr. Freischlag's national leadership includes serving as a president, former governor and secretary of the Board of Governors and a regent and past chair of the Board of Regents of the American College of Surgeons. She served as the 2021-2022 president of the American College of Surgeons and is past president of the Society for Vascular

Surgery, the Society for Vascular Surgery Foundation, the Association of VA Surgeons, and the Society of Surgical Chairs. Dr. Freischlag was the editor of *JAMA Surgery* for ten years (2005-2014) and is currently a member of the JAMA Oversight Committee and the editorial boards of the *Annals of Vascular Surgery*, *Journal of the American College of Surgeons*, *British Journal of Surgery*, and the *Journal of the American Medical Association*.

A practicing vascular surgeon, Dr. Freischlag is an internationally recognized expert in the treatment of thoracic outlet syndrome. She also mentors students, residents and young faculty, and is a frequent speaker on topics ranging from her expertise in vascular diseases, teamwork and patient safety, leadership and work-life balance to women succeeding in health professions. Dr. Freischlag has dedicated her career to serving as a role model for her students, a respected colleague across health professions, a strong community leader and a national voice for improving health and health care.

Currently, Dr. Freischlag serves on the Board of Directors of the Association for American Medical Colleges, National Institute of Health Clinical Center Research Hospital Board, Aga Khan University Board of Trustees, University of Pittsburgh School of Medicine Advisory Board, the University of Illinois Health Advisory Board, and the American Hospital Association Changing Workforce Task Force.

MICHAEL KIM, MD, FACS

Associate Professor, Department of Surgical Oncology
The University of Texas MD Anderson Cancer Center



Dr. Kim is an associate professor of Surgical Oncology at The University of Texas M.D. Anderson Cancer Center, with a dual appointment as an associate professor of Genetics. Dr. Kim received his medical degree from the University of North Carolina-Chapel Hill School of Medicine and completed a residency in general surgery at the University of Tennessee Health Science Center- Memphis. After residency, Dr. Kim completed a clinical fellowship in complex general surgical oncology and a T32 postdoctoral research fellowship at M.D. Anderson, after which he joined the faculty as a pancreas surgeon and established his basic science/translational laboratory.

Dr. Kim currently directs the M.D. Anderson Pancreas Cyst program and serves as principal investigator or co-investigator on numerous grants funded by the National Cancer Institute/National Institutes of Health, among others. Dr. Kim's research interests include cancer genetics, the p53 tumor suppressor gene/pathway, oncogenic transcription factors/transcriptional networks, and mechanisms of tumor cell maintenance/metastasis. While mentoring postdoctoral trainees, surgical fellows, and residents, he has published many peer-reviewed original research articles in high impact journals including in *Nature*, *Science*, *Cell*, *Cancer Discovery*, and *Cancer cell*.

HWSS ANNUAL SYMPOSIUM

PRESENTERS

Session 1: Clinical Oral Presentations

Moderator: Isaac Howley, MD, MPH, FACS

1. Allostatic Load and Trauma Outcomes Based on Social Determinants of Health
Presenter: Soroosh Noorbakhsh, MD
2. Medical Students Perceptions of Global Surgery and Global Health—Our Institution's Experience
Presenter: Clarisse Muenyi, MD
3. Early-stage Breast Cancer Treatment Disparities in the Midsouth
Presenter: Ambria Moten, MD
4. Trust but verify? Utility of Intraoperative Angiography After Revascularization for Vascular Trauma
Presenter: Benjamin Lehrman, MD
5. Virtual Crossmatch as a Tool to Increase Transplant Volume while Maintaining Safety
Presenter: Pushpa Nepalla, MD
6. Is Operative Approach and Higher BMI Associated with Worse Outcomes in Thoracic Trauma Surgery
Presenter: Nidhi Desai, MD

Session 2: Basic/Translational/Health Services Oral Presentations

Moderator: Evan Glazer, MD, PhD, FACS, FSSO

1. On the Cusp: The Effects of Immobilized Pyridoxamine and Methylglyoxal on Platelet-Material Interactions in Bioprosthetic Heart Valves
Presenter: Nikia Toomey, MD
2. Lithium-Associated Primary Hyperparathyroidism: An Evaluation of Screening and Referral Patterns in a Southeastern Veteran Population
Presenter: Leah Hendrick, MD
3. Visceral Adiposity Measurements as Predictors of Post-operative Complications in Patients Undergoing Pancreatic Surgery
Presenter: Renee M. Maina, MD
4. LIN28B Upregulation is Associated with Cancer Stemness and Chemotherapy Resistance in Favorable Histology Wilms Tumor
Presenter: Andrew Fleming, MD
5. Tumor Ablation by Irreversible Electroporation Augments PD-1 Checkpoint Inhibitor Immunotherapy in Colon Adenocarcinoma
Presenter: Joseph Slaughter, MD

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PRESENTERS

Session 3: Poster Walk

Moderator: Liz Wood, MD

1. Hyalinizing Clear Cell Carcinoma of the Lung—A Rare Case Presentation
Nidhi Desai, MD
2. Peritoneal Sarcomatosis: A Nationwide Analysis of Treatment Factors and Outcomes
Leah Hendrick, MD
3. Aggressive Pursuit of No Evidence of Disease Status in Hepatoblastoma Improves Survival. An Observational Study
Andrew Fleming, MD
4. Management of Traumatic Forearm Arterial Injuries and Risk Factors for Amputation
Jacqueline Stuber, MD
5. The Impact of the COVID-19 Pandemic on Outcomes in Elective Laparoscopic Bariatric Surgery
Jennifer “Jenn” Allison, MD
6. Delayed Tracheostomy After Cervical Fusion is Not Associated with Improved Outcomes: A TQIP Analysis
Emma Kelly, MD
7. Optimal Time to Rib Fixation in Patients with Flail Chest
Devanshi Patel, MD
8. Understanding Improvements in Disparities in Breast Cancer Care in Memphis, Tennessee: A Comparison of Two Time Cohorts
Linnea Cripe, MD
9. Factors Related to Alcohol Withdrawal Syndrome in Extremity Trauma Patients
Benjamin Lehrman, MD



CONGRATULATIONS!!

2023 GRADUATES



Left to right: Clarisse Muenyi, MD, Leah Hendrick, MD, Marcus Alvarez, MD, Nathan Judge, MD, Denise Wong, MD, Jacqueline Stuber, MD, Michael Keirse, MD, Shравan Chintalapani, MD, Nidhi Desai, MD

2023 HWSS INDUCTEES

GRADUATING RESIDENTS

Marcus Alvarez, MD	Michael Keirse, MD
Shravan Chintalapani, MD	Clarisse Muenyi, MD
Nidhi Desai, MD	Jacqueline Stuber, MD
Leah Hendrick, MD	Denise Wong, MD
Nathan Judge, MD	

GRADUATING FELLOWS

Kais Atmeh, MD (Plastic Surgery)
James Babowice, MD (Surgical Critical Care)
Neal Dollin, MD (Vascular Surgery)
Caroline Dong, MD (Surgical Critical Care)
Komal Gurung (Transplant Surgery)
Ahmed Hammad, MD (Plastic Surgery)
Courtney Hanak, MD (Vascular Surgery)
Tyler Holliday, MD (Surgical Critical Care)
Cory McLaughlin, MD (Pediatric Surgery)

NEW FACULTY

Yasmin Ali, MD	Devra Becker, MD
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Thomas Easterday, MD	Robin Evans, MD
Rachel Landisch, MD	Elianne Rojas, MD
Sara Soule, MD	Travis Webb, MD

DISTINGUISHED VISITING PROFESSOR

Julie Freischlag, MD, FACS, FRCSEd (Hon), DFSVS, MAMSE

ALUMNI VISITING PROFESSOR

Michael Kim, MD

Black Tie Event

PEABODY HOTEL | Continental Ballroom | 118 S. 2nd Street



AMA Credit Designation: The University of Tennessee College of Medicine (UTCOM) designates this live activity for a maximum of 1 *AMA PRA Category 1 Credit*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Continuing Education for Non-Physicians: The UT COM will issue Certificates of Participation to non-physicians for participating in this activity and designates it for CEUs using the national standard that 1 hour of educational instruction is awarded .1 CEU.

Accreditation: The UTCOM is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

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