

**22nd Annual Department of Surgery Research Day
May 14th, 2026**

Jacobs School of Medicine & Biomedical Sciences

AGENDA

6:45am – 7:45am

Grand Rounds: Guest lecturer, Timothy Pawlik, MD, PhD, MPH, MTS, FACS, FSSO, FRACS
(Hon.) Professor and Chair of the Department of Surgery and Surgeon-in-Chief at The Ohio
State University Wexner Medical Center

Topic: **“Compass of Care: From Multiple Voices to Concordant Goals”**

8:00am – 8:45am

Poster Session & Breakfast
(*2nd Floor atrium, outside of M&T Aud*)

8:50am – 10:02am

Full Length Podium Presentations #1-6
(*M&T Aud, Room 2120A*)

10:02am – 10:15am

Break

10:15am – 11:27am

Full Length Podium Presentations #7-12
(*M&T Aud, Room 2120A*)

11:30am – 11:45am

Break

11:45am – 12:25pm

Quick Shot Podium Presentations #1-8
(*M&T Aud, Room 2120A*)

12:30pm – 1:45pm

Luncheon & Awards
(*1st Floor, Active Learning Center*)

Featured Podium Presentation Schedule

- 8:50 – 9:02am **“Augmenting Indocyanine Green-Near Infrared Fluorescence (ICG-NIRF) Extrahepatic Biliary Duct (EHBD) Signal to Facilitate Safe Dissection in Laparoscopic Cholecystectomy”**
P. Seger, MD, A. VSSG, BS, N. Xi, PhD, S. Shah, DO, B. Fox, BS, K. Tung, MD, G. Yang, MD, S. D. Schwaitzberg, MD, FACS, P. C. W. Kim, MD, PhD
Presented by: Philip Seger, MD
- 9:02 – 9:14am **“Interaction of Social Ties and Income for Predicting Living Donor Inquiry”**
M. D. Handmacher, MD, MPH, O. Ogoke, PhD, J. Nie, PhD, H. Gardiner, PhD, L. K. Kayler, MD, MS
Presented by: Matthew D. Handmacher, MD, MPH
- 9:14 – 9:26am **“Infrapopliteal Revascularization For Chronic Limb Threatening Ischemia: Comparison Of Autologous Vein Bypass Vs Endovascular Intervention As Initial Revascularization”**
I. H. Naazie, MD, M. Rivero, MD, S. Khan, MBBS, B. H. Montross, MD, H. Potter, MD, Q. Khan, MBBS, N. Nader, MD, L. Harris, MD, M. Dryjski, MD, H. H. Dosluoglu, MD
Presented by: Isaac H. Naazie, MD
- 9:26 – 9:38am **“Predicting Postoperative Outcomes with Sternocleidomastoid and Pectoralis Major Muscle Indices”**
C. Clark, BS, A. Pollichemi, MD, T. R. Loree, MD, M. Y. Nagai, MD, DDS, J. D. Frey, MD, M. S. Burke, MD
Presented by: Alexandra Pollichemi, MD
- 9:38 – 9:50am **“Observing but not yet doing: What’s The Value?”**
A. Bennett, DO, J. Woodward, MD, J. C. L’Huillier, MD, T. Quinn, B. Golleru, N. Aronoff, BA, MLS, L. Cavuoto, PhD, J. Yang, PhD, S. D. Schwaitzberg, MD, FACS
Presented by: Abigail Bennett, DO
- 9:50 – 10:02am **“Operative Management of Perforated Diverticulitis: Identification of Patient Factors to Guide Management”**
S. Larose, BA, M. B. Jordan, PhD, K. Jalal, PhD, J. M. Jordan, MD, PhD
Presented by: Serena Larose, BA
- 10:02 – 10:15am **Break**
- 10:15 – 10:27am **“Theragnostic Smart Bandage for Real-Time Wound Assessment and Antimicrobial Protection”**
A. Narayanan, M. Amin, A. Wansha, R. Varsani, A. L. Ayyappil, U. Agarwal, S. Ciorca, J. Kaj, P. R. Arany
Presented by: Adhav Narayanan

- 10:27 – 10:39am **“Resuscitative Hysterotomy in Trauma: Examining Outcomes in a National Database”**
 J. C. L’Huillier, MD, MS-HPed, Z. Wu, J. Yu, PhD, W. A. Guo, MD, PhD, FACS
Presented by: Joseph C. L’Huillier, MD, MS-HPed
- 10:39 – 10:51am **“Stratifying Age-Related Differences in Pediatric Trauma Triage: Prompt-Engineered Large Language Models Enhance Stability Across Developmental Age Groups”**
 B. T. Fox, R. Balaji, P. J. Seger, R. Glazer, A. Nordin, A. Himidan, G. Yang, A. Fabiano, K. Tung, S. D. Schwaitzberg, P. C. W. Kim
Presented by: Brendan Fox, BS
- 11:51 – 11:03am **“The Hidden Cost of Augmentation Cystoplasty: A 5-Year National Database Analysis of Metabolic and Renal Complications”**
 E. Mangona, PharmD, K. Stahovic, BS, A. Loui, BS, F. Hennig, MD, D. Abramowitz, MD
Presented by: Alicia Loui
- 11:03 – 11:15am **“Improving Quality through Emergency General Surgery Verification - A Difference in Differences Analysis of 21,858 Patients”**
 G. Hobika, MD, C. Ko, MD, M. Wandling, MD
Presented by: Geoffrey Hobika, MD, MS
- 11:15 – 11:27am **“The Correlation Between Health Literacy and Satisfaction with Informational Support in Pediatric Cancer Caregivers”**
 K. Block, D. Fishkin, S. Kimelberg, H. Rittling, M. Travers, K. Jung, R. Zheng, P. Vincent, PhD, R. Bouchard, E. Bouchard, PhD
Presented by: Matthew Travers
- 11:30am – 11:45am **Break**

Quick Shot Podium Presentations

Session Time:

11:45am – 12:25pm

- 11:45 – 11:50am **DrainSight: A Computer Vision Algorithm for Surgical Drain Output Monitoring**
A. Kumar, R. Getzler, J. Vidro, S. Hromchak, M. Chopko, B. R. Quaranto
Presented by: Rachel Getzler
- 11:50 – 11:55am **Never-Smokers with Stage IV NSCLC Show Greater Overall Survival with Immunotherapy Compared to Smokers: Population-Level Evidence**
M. Takabe, E. Chou, S. Gwitt, C. Harshany, A. Locke, I. Neumann, T. Yang, L. Zhang, R. J. Bouchard, M. Hennon, MD, FACS
Presented by: Maya Takabe
- 11:55am – 12:00pm **Surgeons' Perspectives on Factors Influencing Treatment Decisions in Rectal Prolapse Management.**
J. Martinolich, MD, F. Begum, MPH, A. Myneni, PhD, C. Kim, BS, J. Sciacca, MD, K. Noyes, PhD
Presented by: Ajay Myneni, PhD, MPH
- 12:00 – 12:05pm **Automating Burn Surgery Billing: A Large Language Model Pipeline for Operative Note CPT Code Extraction**
B. T. Fox, BS, B. R. Quaranto, MD, J. Santorelli, D. Tanzer, M. B. Jordan, PhD, W. Flynn, MD, J. Lukan, MD, M. Chopko, MD
Presented by: Brendan Fox, BS
- 12:05 – 12:10pm **PUSH-IT - A MultiCenter Randomized Controlled Trial: Protocol and Interim Safety Analysis**
H. Ferrari, MMS, PA-C, H. Logghe, MD, M. B. Jordan, PhD, J. C. L'Huillier, MD, MS-HPed, Z. Bwabi, BS, M. Todhunter, BS, W. Flynn, MD, M. Chopko, MD, E. Nohra, MD
Presented by: Hannah Ferrari, MMS, PA-C
- 12:10 – 12:15pm **Evaluating Acute Care Surgery vs. Standard Emergency Department Surgery Models in Management of Acute Biliary Pathology**
G. G. Hobika, A. A. Myneni, H. Liu, S. D. Schwaitzberg, K. Ritter, K. Noyes
Presented by: Geoffrey Hobika, MD, MS
- 12:15 – 12:20pm **Prompt Specificity Improves Vision-Language Model Detection of the Critical View of Safety in Laparoscopic Cholecystectomy**
R. Glazer, BA, P. Seger, MD, B. T. Fox, BS, G. C. Skinner, MD, J. Li, BS, MS, K. H. Tung, MD, G. Yang, MD, S. D. Schwaitzberg, MD, FACS, P. C. W. Kim, MD, PhD, FACS
Presented by: Rita Glazer
- 12:20 – 12:25pm **Quantifying Gossip: How Specialty Shapes Gossip in Medicine**
J. C. L'Huillier, MD, MS-HPed, B. A. A. White, EdD, MA, K. Shank, BS, K. Jalal, PhD, J. Krogstad, MD, M. Lamb, PhD, J. M. Woodward, MD, MS-HPed, S. D. Schwaitzberg, MD, FACS
Presented by: Joseph C. L'Huillier, MD, MS-HPed