My Playlist

MONDAY, OCT. 23, 2023

SF104. Health Services Research I  
BCEC_109AB_Lvl 1  
9:45 AM - 11:15 AM

Presentation The Interaction Between Geriatric and Neighborhood Vulnerability: Delineating Pre-Hospital Risk among Older Trauma Patients
Cheryl K. Zogg, PhD, MSPH, MHS, Jason R Falvey, DPT, PhD, Lisa M Kodadek, MD, FACS, Kristan L Staudenmayer, MD, MS, FACS, Kimberly A Davis, MD, MBA, FACS, Yale School of Medicine, New Haven, CT; University of Maryland, Baltimore, MD; Stanford University, Stanford, CA.

SF105. Pediatric Surgery I: Basic Science  
BCEC_151AB_Lvl 1  
9:45 AM - 11:15 AM

Presentation Investigating Dysmotility and the Expansion of Glial Cells and Interstitial Cells of Cajal in Crohn's Disease Strictures Using a Novel Surgical Mouse Model
Alexia Kim, BS, Khristian Erich Bauer-rowe, Michelle Griffin, Deshka Foster, MD, Michael T Longaker, MD, MBA, FACS, Jeong S Hyun, MD, Stanford University, Palo Alto, CA; Menlo Park, CA; Stanford, IL; Stanford, CA.

PS114. Global Engagement  
BCEC_052AB_Exhbtt Lvl  
11:30 AM - 1:00 PM

Presentation Co-Moderator
Sherry M. Wren, MD FACS, Palo Alto, California

SP102-4. e-Posters II - Station 4: Health Services Research I  
BCEC_253ABC_Lvl 2  
2:30 PM - 4:00 PM

Presentation A Nationwide Analysis of Outcomes, Healthcare Encounters, and Costs of Small Bowel Obstruction
Lakshika Tennakoon, MD, MPhil, Jung Min, MD, David I Hindin, MD, MSc, Stanford University, Stanford, CA.

SF125. Transplantation and Tissue Engineering I  
BCEC_161_Lvl 1  
4:15 PM - 5:45 PM

Presentation Impact of Induction Therapy on Rejection in Pediatric Transplantation: A Multicenter Study in the United States
Tetsuya Tajima, MD, PhD, MPH, FACS, Clifford Chin, MD, Dev M. Desai, MD, PhD, FACS, Thomas M Fishbein, MD, George V Mazariogos, MD, FACS, Akin Tekin, MD, Robert Venick, MD, Sheri M Krams, PhD, Olivia M Martinez, PhD, Carlos O Esquivel, MD, PhD, FACS, Stanford University School of Medicine, Stanford, CA; Cincinnati Children's Hospital Medical Center at University of Cincinnati, Cincinnati, OH; University of Texas Southwestern Medical Center, Dallas, TX; Medstar Georgetown University Hospital, Washington, DC; UPMC Children's Hospital of Pittsburgh, Pittsburgh, PA; University of Miami Miller School of Medicine, Miami, FL; University of California, Los Angeles, Los Angeles, CA.
Presentation From Patients to Providers: The Impact of Normothermic Machine Perfusion on Liver Transplant Practices in the United States
Benjamin Wang, MD, Malcom Macconmara, MBCh, FACS, Andrew D Shubin, MD, PhD, Madhukar Shirish Patel, MD, MBA, Parsia A Vageli, MD, FACS, University of Texas Southwestern, Dallas, TX; Transmedics, Andover, MA.

SF124. Plastic and Maxillofacial Surgery I

BCEC_157A_Lvl 1

4:15 PM - 5:45 PM

Presentation Moderator
Derrick C. Wan, MD, Stanford, California

Presentation Single-Cell RNA-Seqencing Identifies Modulator of Foreign Body Response with Use of Acellular Dermal Matrix in Breast Reconstruction
Norah Liang, MD, Ruth Tevlin, MB, BAO, BCh, Michelle Griffin, MD, PhD, Jennifer B Parker, BA, Dominic Henn, MD, Renato S Navarro, PhD, Dung Nguyen, MD, FACS, Arash Momeni, MD, FACS, Derrick C Wang, MD, FACS, Michael T Longaker, MD, MBA, FACS, Stanford University, Stanford, CA; Stanford University, Palo Alto, CA.

Presentation Pioglitazone Decreases Adipogenesis Leading to Melanoma Skin Tumour Suppression
Mauricio Downer Jr, BS, Michelle Griffin, MD, PhD, Annah Morgan, BS, Jennifer B Parker, BS, Charlotte Berry, BA, Dayan J Li, MD, PhD, Norah Liang, MD, Lionel Kameni, MD, Derrick C Wang, MD, FACS, Michael T Longaker, MD, MBA, FACS, Stanford University, Stanford, CA.

Presentation Novel Deferoxamine Cream Formulation Improves Perfusion, Elasticity, and Tissue Architecture in Chronically Irradiated Murine Skin Compared to Transdermal Patch
Charlotte Berry, BA, Darren Abbas, MD, Lionel Kameni, MD, Michelle Griffin, MD, Mauricio Downer, BS, Jennifer B Parker, BS, Norah Liang, MD, Jason L Guo, PhD, Michael T Longaker, MD, MBA, FACS, Derrick C Wang, MD, FACS, Stanford University, Stanford, CA; Mayo Clinic, Rochester, MN.

Presentation Tissue Microenvironment a Key Driver in Fibrotic Capsules Formed During Foreign Body Response
Jennifer B Parker, BSc(Hons), Michelle Griffin, MB, BCh, MRCS, PhD, Mauricio Downer Jr., MS, Annah Morgan, BS, Jason L Guo, PhD, Norah Liang, MD, Charlotte Berry, BS, Sarah Diorio, BS, Derrick C Wang, MD, FACS, Michael T Longaker, MD, MBA, FACS, Stanford University, Stanford, CA; Massachusetts General Hospital, Boston, MA; Stanford University, Rochester, MN.

Presentation Healing of Chronically Irradiated Excisional Wounds Improved by Topical Deferoxamine Treatment
Charlotte Berry, BA, Michelle Griffin, MD, Lionel Kameni, MD, Darren Abbas, MD, Mauricio Downer, BS, Jennifer B Parker, BS, Norah Liang, MD, Michael Januszyk, MD, Michael T Longaker, MD, MBA, FACS, Derrick C Wang, MD, FACS, Stanford University, Stanford, CA; Mayo Clinic, Rochester, MN; Harvard University, Boston, MA.

Presentation Fat Grafting Treatment for Radiation-Induced Fibrosis Results in Downregulation of Inflammatory and Fibrotic Signaling Pathways
Charlotte Berry, BA, Darren Abbas, MD, Lionel Kameni, MD, Michelle Griffin, MD, Mauricio Downer, BS, Jennifer B Parker, BS, Jason L Guo, MD, Michael Januszyk, MD, Michael T Longaker, MD, MBA, FACS, Derrick C Wang, MD, FACS, Stanford University, Rochester, MN; Mayo Clinic, Rochester, MN; Stanford University, Stanford, CA.

Presentation Single-Cell RNA-Seq Analysis Reveals Similar Fibroblasts in Irradiated Skin of Humans, Mice, and Pigs
Lionel Kameni, MD, Charlotte Berry, BA, Michelle Griffin, MD, Michael Januszyk, MD, PhD, Mauricio Downer Jr, BS, Julika L Huber, MD, Jennifer Parker, BS, Arash Momeni, MD, Michael T Longaker, MD, Derrick C Wang, MD, Stanford University School of Medicine, Stanford, CA.

Presentation Analysis of Collagen Extracellular Matrix Ultrastructure in Mouse Long Bone Distraction Osteogenesis
Sarah Diorio, BS, Jason L Guo, PhD, Michelle Griffin, MBChB, MRCS, PhD, Julika L Huber, MD, Mauricio Downer, BS, Charlotte Berry, BA, Derrick C Wang, MD, FACS, Michael T Longaker, MD, MBA, FACS, Stanford University School of Medicine, Stanford, CA.
Presentation: Ferropotosis Levels Decrease in Response to Deferoxamine Treatment in Irradiated Murine Skin
Charlotte Berry, BA, Lionel Kameni, MD, Michelle Griffin, MD, Mauricio Downer, BS, Jennifer B Parker, BS, Jason L Guo, PhD, Norah Liang, MD, Michael Januszyk, MD, Michael T Longaker, MD, MBA, FACS, Derrick C Wan, MD, FACS, Stanford University, Stanford, CA; Harvard University, Boston, MA.

TUESDAY, OCT. 24, 2023

SF204. Global Surgery and Humanitarian Outreach I
8:00 AM - 9:30 AM
BCEC_255_Lvl 2

Presentation: Adaptive Improvement of a Surgical Infection Prevention Program for Scalability and Sustainability in Low-Income Environments
Nichole Starr, MD, MPH, Natnael G Admasu, MD, Maia Nofal, MD, Assefa M Tesfaye, MD, Jared Forrester, MD, Thomas G Weiser, MD, FACS, Tihiena N Mamo, MD, FACS, University of California, San Francisco, San Francisco, CA; Addis Ababa University, Addis Ababa, Ethiopia; Boston University School of Medicine, Boston, MA; St. Peter's Specialized Hospital, Addis Ababa, Ethiopia; Portland Providence Medical Center, Portland, OR; Stanford University, Stanford, CA.

PS210. Advances in Antireflux Procedures
9:45 AM - 11:15 AM
BCEC_Ballroom West_Lvl 3

Presentation: Co-Moderator
Micaela Esquivel, MD FACS, Stanford, California

Presentation: Introduction
Monisha Sudarshan, MD FACS, Cleveland, Ohio
Micaela Esquivel, MD FACS, Stanford, California

SF231. Bariatric/Foregut II
9:45 AM - 11:15 AM
BCEC_205A_Lvl 2

Presentation: Preoperative Weight Loss with Glucagon-Like Peptide-1 Receptor Agonists (GLP1) Before Bariatric Surgery
Brian Ruhle, MD, Sebastiano Bartoletti, MD, Michelle Hauser, MD, Dan E Azagury, MD, FACS, Stanford University, Stanford, CA.

PS215. A Stroll Down Surgical Blind Alleys: The History of Surgical "Progress" Gone Awry
9:45 AM - 11:15 AM
BCEC_257AB_Lvl 2

Presentation: Hysterectomy for Hysteria
Chloe K. Nobuhara, MD, Stanford, California

SP201-4. e-Posters III - Station 4: Surgical Education I
9:45 AM - 11:15 AM
BCEC_253ABC_Lvl 2

Presentation: Perception Is Not Reality: Examining the Quality of End-of-Rotation Evaluations
Ananya Anand, MD, Rachel Jensen, MD, Cara Liebert, MD, FACS, James R Korndorffer Jr., MD, MHPE, FACS, Stanford University, Stanford, CA.

SP201-6. e-Posters III - Station 6: Global Surgery & Humanitarian Outreach
9:45 AM - 11:15 AM
BCEC_253ABC_Lvl 2
Presentation Mapping Surgeon-Reported Ancillary Service Referral Patterns to Inform Resource Allocation Prioritization in Rwanda
Brittany L Powell, MD, MPP, Juliana Perl, MS, Callum Forbes, MBChB, Barnabas Tobi Alayande, MBBS, FMCS, Jules Irazu, MD, MSc, Annabelle L Jones, MD, Mutesi Mukinisha, BA, Mutebe Mukiwiriza, MD, MSc, Stephen Ochola, MD, MPH, FACS, Abebe Bekele, MD, FCS (ECSA), FACS, Brigham and Women’s Hospital at Harvard Medical School, Boston, MA; Stanford University, Stanford, CA; University of Global Health Equity, Butaro, Rwanda.

SP201-3. e-Posters III - Station 3: Pediatric Surgery I

Presentation Non-Canonical Ciliary-Mediated Hedgehog Signaling Underlying Cecal Lengthening
Siavash Shariatzadeh, MD, Anne-laure A Thomas, MS, Katherine Portelli, MD, Lauren Wood, MD, Jun-beom Park, MD, James C Dunn, MD, FACS, Stanford University, Stanford, CA; Stanford University, Palo Alto, CA.

SP202. e-Posters of Exceptional Merit

Presentation Meta-Analysis of Single-Cell Transcriptomics Data of Cardiac Fibroblasts Reveals Temporal Heterogeneity of Cardiac Fibroblast Response after Myocardial Infarction
John Lu, MS, Michael Janusz, MD, PhD, Michelle Griffin, MD, PhD, Jason Guo, PhD, Derrick C Wan, MD, FACS, Michael T Longaker, MD, MBA, FACS, Stanford University, Stanford, CA.

Presentation Grafting of Human Foreskin onto Murine Dorsum Provides a Novel Model of Chronic Radiation-Induced Fibrosis
Charlotte Berry, BA, Darren Abbas, MD, Michelle Griffin, MD, Lionel Kameni, MD, Mauricio Downer Jr., BS, Jennifer B Parker, BS, Norah Liang, MD, Sarah Dilorio, BS, Michael T Longaker, MD, MBA, FACS, Derrick C Wan, MD, FACS, Stanford University, Stanford, CA; Mayo Clinic, Rochester, MN.

SF214. Pediatric Surgery III: Basic Science

Presentation Mechanosensitivity and Adaptive Capacity of the Intestinal Wall in a Partial Obstruction Murine Model
Siavash Shariatzadeh, MD, MPH, Anne-laure A Thomas, MS, Nolan Daniel Lopez, MD, Maurice Downer Jr., BS, Martin G Martin, MD, James C Dunn, MD, FACS, Stanford University, Stanford, CA; University of California, Los Angeles, Los Angeles, CA; Stanford University, Palo Alto, CA.

SF215. Plastic and Maxillofacial Surgery II

Presentation Moderator
Clifford C. Shekter, MD, Palo Alto, California

PS228. Surgical Aspects of Constipation: When All Else Fails, Who Would Benefit from Surgery?

Presentation Moderator
Brooke H. Gurland, MD FACS, Stanford, California

Presentation Cases/Panel Discussion
Brooke H. Gurland, MD FACS, Stanford, California

**Presentation** Discussant - Judging a Book by its Cover: Hairstyles, Personal Adornment, and Attire  
3:35 PM - 3:45 PM

Ronald L. Dalman, MD FACS, Stanford, California

### SF219. Pediatric Surgery IV: Clinical BCEC_157A_Lvl 1

**Presentation** Where There Is Fat, There Is Fibrosis: Elucidating the Mechanisms of Creeping Fat-Driven Stricture Formation  
2:30 PM - 4:00 PM

Khristian Erich Bauer-rowe, BS, Alexia Kim, Michelle Griffin, MD, PhD, Norah Liang, MD, Deshka Foster, MD, Jason L Guo, Jeffrey A Norton, MD, FACS, Michael T Longaker, MD, MBA, FACS, Jeong S Hyun, MD, Stanford University, Menlo Park, CA; San Jose, CA; Stanford University, Stanford, IL; Boston, MA; Stanford, CA; Menlo Park, CA.

**Presentation** Differences Between Male and Female Patients with Pilonidal Disease  
2:30 PM - 4:00 PM

Bill Chiu, MD, FACS, Claire Abrajano, MSN, WOCN, CPNP-PC, Razie Yousefi, PhD, Hiroyuki Shimada, MD, PhD, Kyla Dalusag, RN, Wendy Tienhui Su, MD, FACS, Thomas T. Hui, MD, FACS, Claudia M Mueller, MD, FACS, Julie R Fuchs, MD, FACS, James C Dunn, MD, FACS, Stanford University, Stanford, CA; University of Texas Medical Branch, Galveston, TX.

### PS238. Use of Artificial Intelligence in Surgical Care BCEC_157A_Lvl 1

**Presentation** Understand the Roles Artificial Intelligence (AI) Currently Plays in Medical Care  
4:15 PM - 5:45 PM

Carla M. Pugh, MD, PhD, FACS, Stanford, California

### WEDNESDAY, OCT. 25, 2023

### SF304. Trauma/Burn/Critical Care VI: Burns & Trauma BCEC_157BC_Lvl 1

**Presentation** Increased Time Spent in the Emergency Department Is Associated with Adverse Inpatient Outcomes in Burn Patients Requiring Resuscitation  
8:00 AM - 9:30 AM

Sunnie Wong, MD, PhD, Tam N Pham, MD, FACS, Clifford C Sheckter, MD, Stanford University, Stanford, CA; University of Washington, Seattle, WA; Stanford University, Palo Alto, CA.

### SF303. Surgical Education V: Surgical Skills BCEC_156ABC_Lvl 1

**Presentation** The Role of Non-Technical Skills in the Development of Operative Self-Efficacy  
8:00 AM - 9:30 AM

Rachel M Jensen, MD, Ladonna Kearse, MD, Ananya Anand, MD, Daniel Lawrence Dent, MD, FACS, James R KorndorfferJr., MD, FACS, Stanford University, Stanford, CA; Howard University, Washington, DC; University of Texas at San Antonio, San Antonio, TX.

### SF305. Breast II BCEC_109AB_Lvl 1

**Presentation** Surgeon-Placed PectOralis (PECS) and Serratus Plane Blocks under Direct Visualization for Mastectomies and Immediate Breast Reconstruction Provides Excellent Postoperative Analgesia  
9:45 AM - 11:15 AM
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<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Time</th>
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<tbody>
<tr>
<td><strong>SF307. Global Surgery and Humanitarian Outreach III</strong></td>
<td><strong>Presentation Receptiveness, Barriers, and Facilitators to a Surgical Quality Improvement Program in Rwanda: A Pre-Implementation Mixed Methods Approach</strong></td>
<td>9:45 AM - 11:15 AM</td>
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<tr>
<td>BCEC_157A_Lvl 1</td>
<td>Alex Zhuang, MS, Jules Iradukunda, MD, Maia Nofal, MD, MPH, Barnabas Tobi Alayande, MBBS, FMCS, Senait B Alemu, BSc, MPH, Nichole Starr, MD, MPH, Natnael G Admasu, MD, Abebe Bekele, MD, FACS, Tihitena N Mammo, MD, FACS, Thomas G Weiser, MD, MPH, FACS, Boston University School of Medicine, Boston, MA; University of Global Health Equity, Kigali, Rwanda; Boston Medical Center, Boston, MA; Lifebox Foundation, Addis Ababa, Ethiopia; University of California, San Francisco, San Francisco, CA; Addis Ababa University, Addis Ababa, Ethiopia; Stanford University, Stanford, CA.</td>
<td>9:45 AM - 11:15 AM</td>
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<td><strong>SP301-1. e-Posters V - Station 1: Pediatric Surgery II</strong></td>
<td><strong>Presentation Regular Epilation Alone Is an Acceptable Treatment for Asymptomatic Pilonidal Patients</strong></td>
<td>9:45 AM - 11:15 AM</td>
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<td>BCEC_253ABC_Lvl 2</td>
<td>Madeline Adams, MD, Claire Abrajano, RN, MSN, WOCN, CPNP-PC, Kyla Dalusag, RN, Thomas T. Hui, MD, FACS, Wendy Tienhui Su, MD, FACS, Claudia M Mueller, MD, FACS, Julie R Fuchs, MD, FACS, Bill Chiu, MD, FACS, Stanford University, Stanford, CA.</td>
<td>9:45 AM - 11:15 AM</td>
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<td><strong>SP301-5. e-Posters V - Station 5: Geriatric &amp; Palliative Care</strong></td>
<td><strong>Presentation Timing of Palliative Care Consultation in Malignant Bowel Obstruction Management Decreases Hospital Readmission</strong></td>
<td>9:45 AM - 11:15 AM</td>
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<td>BCEC_253ABC_Lvl 2</td>
<td>Beatrice Sun, MD, Tiffany Yue, BA, Nova Xu, BS, Kevin B Einkauf, BS, Byrne Lee, MD, FACS, Stanford University, Stanford, CA.</td>
<td>9:45 AM - 11:15 AM</td>
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<td><strong>SF313. Health Services Research IV</strong></td>
<td><strong>Presentation Patient-Reported Resource Needs of Young Adult Surgical Oncology Patients with Advanced Cancer Diagnoses: A Qualitative Analysis</strong></td>
<td>12:45 PM - 2:15 PM</td>
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<td>BCEC_257AB_Lvl 2</td>
<td>Beatrice Sun, MD, Emily M Pang, MS, Byrne Lee, MD, FACS, Stanford University, Stanford, CA.</td>
<td>12:45 PM - 2:15 PM</td>
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<tr>
<td><strong>SP302-1. e-Posters VI - Station 1: Breast II</strong></td>
<td><strong>Presentation Enhanced Recovery Pathway for Outpatient Breast Surgery: Surgeon-Placed Local Anesthetic Provides Excellent Post-Operative Analgesia and Minimizes Opioids</strong></td>
<td>2:30 PM - 4:00 PM</td>
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<td>BCEC_253ABC_Lvl 2</td>
<td>Adele Xu, PhD, David Steven Foulad, MD, Jennifer Selfridge, RN, Tiffany Cheng, MD, Mardi Ross Karin, MD, FACS, Stanford University, Stanford, CA; Stanford Cancer Center South Bay, San Jose, CA.</td>
<td>2:30 PM - 4:00 PM</td>
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