Dear Colleagues:

On behalf of SAGES President, Dr. Aurora Pryor, and the Program Committee, we would like to invite you to attend the 2020 SAGES Annual Meeting in Cleveland, Ohio. This year’s SAGES Meeting will be held at the Cleveland Convention Center from April 1-4, 2020. The meeting is designed to encourage learning, sharing of knowledge, communication and collaboration amongst SAGES members, other societies, and all other attendees. We invite all of you to come to the meeting to exchange ideas and experiences with colleagues, learn from your peers, get inspired, and take home a few pearls to improve the care of your surgical patients. Additionally, we know that you will have FUN. Because, on top of the high-quality science, innovative technology and world-renowned expertise, we really know how to have a great time!

Our meeting theme is “Vision 2020: Rockin’ the Future with Innovation and Discovery.” It is our hope and expectation that this meeting will help guide you to progress beyond your current expertise to reach the next level of mastery in your surgical practice. The most popular topics to be highlighted at the meeting are biliary, colorectal, hernia, bariatric, robotics, foregut, minimally invasive liver and pancreas surgery, flexible endoscopy, and emerging technologies. Highlights include “live” surgery in bariatics, hernia, colorectal and foregut. Other highlights include innovation sessions and incorporating new technologies into practice. The keynote lectures focus around opioid use with Dr. Andrew Kolodny and Innovation with Dr. Silvana Perretta. The hands-on courses include New Technologies in Endoscopy and Hernia Repair. The ADOPT Program be integrated into the Hernia course, allowing course participants to both learn on-site and then be mentored to foster adoption into their practice.

This year the SAGES Masters Series is a focus of the meeting. Deliberate lifelong learning through a structured curriculum as part of the SAGES Masters Program has been incorporated into the meeting content. We hope that this will help surgeons take their practice to the next level. Back by popular demand are the “Devil’s in the Details” video sessions breaking down common advanced procedures to learn new tips and tricks from experts. New this year will be sessions during 2 days of non-CME programming, allowing us to focus on cutting edge technologies and devices. But SAGES is more than technology. Experts and new voices will discuss planning your career and how to master the Fundamentals.

As with all SAGES meetings, we are very technology friendly. The conference features electronic media to allow you to personalize your experience. A SAGES Meeting App will provide access to meeting content via your handheld devices, and emails and tweets during the meeting will keep attendees informed.

Of course, no SAGES meeting would be complete without the Friday night Main Event and Sing-off, a MUST attend event, that you’ll never see at another surgical meeting. This year we will be hosted by the Rock N’ Roll Hall of Fame. We couldn’t ask for a better venue to celebrate with all of our members and guests – SAGES Rocks!!

If you can only go to just one surgical meeting in 2020, this is the one! We look forward to seeing you in Cleveland this April to help us make this the best SAGES meeting ever.

Registration
11300 W. Olympic Blvd., Suite 600, Los Angeles, CA 90064
ph 310-437-0544, x128 | fx 310-437-0585
em registration@sages.org
For pricing and to register, visit us online @
www.sages2020.org/registration/

Official Hotels

<table>
<thead>
<tr>
<th>Hotel Name</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hilton Cleveland Downtown (Headquarters)</td>
<td>$189</td>
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<tr>
<td>Hyatt Regency Cleveland at The Arcade</td>
<td>$189</td>
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<tr>
<td>Cleveland Marriott Downtown at Key Tower</td>
<td>$159</td>
</tr>
<tr>
<td>The Westin Cleveland Downtown</td>
<td>$169</td>
</tr>
<tr>
<td>DoubleTree by Hilton Hotel – Lakeside</td>
<td>$179</td>
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More details and to book online, go to
www.sages2020.org/registration/housing/
# SCHEDULE AT A GLANCE

**Vision 2020: Rockin’ the Future with Innovation and Discovery**

<table>
<thead>
<tr>
<th>WEDNESDAY, APRIL 1, 2020</th>
<th>FRIDAY, APRIL 3, 2020</th>
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<tbody>
<tr>
<td><strong>SAGES Scientific Sessions</strong></td>
<td><strong>Exhibits/Posters/Learning Center</strong></td>
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<tr>
<td>7:30am-5:00pm</td>
<td>open 10:00am-4:00pm</td>
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<tr>
<td><strong>SAGES Military Surgical Symposium: Improving Care on the Battlefield</strong></td>
<td><strong>SAGES Scientific Sessions</strong></td>
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<tr>
<td><strong>Por-Oral Technologies: Mind Blown</strong></td>
<td>7:30am-5:30pm</td>
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<tr>
<td><strong>Update on Diverticulitis: Controversies and Challenges</strong></td>
<td><strong>My Device was Recalled! What do I do? (non-CME)</strong></td>
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<tr>
<td><strong>Devil’s in the Details: Roux en Y Gastric Bypass</strong></td>
<td><strong>Keynote: Presidential Address - Aurora Pryor, MD</strong></td>
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<tr>
<td><strong>Masters Foroug: Paraesophageal Hernia</strong></td>
<td><strong>Keynote: Kari Storz Lecture - Silvana Perretta, MD</strong></td>
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<tr>
<td><strong>Building a Comprehensive Weight-Loss Center</strong></td>
<td><strong>Refreshment Break/ Morning Nimosas in Exhibit Hall</strong></td>
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<tr>
<td><strong>The Digital World and the Modern Surgeon: Useful Apps in Surgery and Managing Social Media</strong></td>
<td><strong>Scientific Session: Best Papers I</strong></td>
</tr>
<tr>
<td>&quot;But I Don’t Want Mesh&quot;: Options for Hernia Repair Without Permanent Synthetic Mesh</td>
<td><strong>Which Endoscopic Reflux Procedure should I Offer my Patient?</strong></td>
</tr>
<tr>
<td><strong>Weight-loss Medications and How I Use Them</strong></td>
<td><strong>All About Innovation: Surgical Inventions from the Garage to the Fortune 500 (non-CME)</strong></td>
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<tr>
<td><strong>SAGES Foundation Awards Luncheon</strong></td>
<td><strong>SAGES Stories: Challenging Bariatric Problems You’re Glad Weren’t Yours to Solve</strong></td>
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<tr>
<td>12:00pm-1:30pm</td>
<td><strong>Free Lunch in the Exhibit Hall for All Attendees</strong></td>
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<tr>
<td><strong>Hands-On Course: ADOPHT Hernia - No Plastic, No Cry</strong></td>
<td>12:00pm-1:30pm</td>
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<tr>
<td><strong>Masters Flexible Endoscopy: Lower GI Endoscopy</strong></td>
<td><strong>Artificial Intelligence: Changing How We Practice Surgery (non-CME)</strong></td>
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<tr>
<td><strong>Putting out the Fire: Time to Burn the Burnout</strong></td>
<td><strong>The Great Foroug Debate</strong></td>
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<tr>
<td><strong>Masters Bariatrics: Everything Sleeve Gastrectomy</strong></td>
<td><strong>Masters Biliary - SAGES/LISS: Liver Resection</strong></td>
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<tr>
<td><strong>Back to School Basics: Relearning the Hand-Sewn Anastomotic Technique in Colorectal Surgery</strong></td>
<td><strong>Adolescent Weight-Loss Surgery: How to Get Them Through College</strong></td>
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<tr>
<td><strong>Serious Mishaps in the OR: Burnin’ Down the House</strong></td>
<td><strong>Complex Cases from the SAGES Masters Program Facebook Collaboratives</strong></td>
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<tr>
<td><strong>Optimizing Patients for Surgery: Probah and Rehab in MIS</strong></td>
<td><strong>Masters Hernia: Ventral Hernia</strong></td>
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<tr>
<td><strong>Devil’s in the Details Session: Revision Foroug Surgery</strong></td>
<td><strong>SAGES/AAPA: Challenging Bile Duct Injuries - A Historical to Contemporary Perspective and Opportunities for Change</strong></td>
</tr>
<tr>
<td><strong>Managing Bariatric Complications On-Call: This Patient is too Sick to Transfer…Now What Do I Do?</strong></td>
<td><strong>Pioneers in Foroug Surgery: Stories from the Masters</strong></td>
</tr>
<tr>
<td><strong>Pain and Hernia: How to Prevent and Treat Pain</strong></td>
<td><strong>Technology Changing Our World (non-CME)</strong></td>
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<tr>
<td><strong>Opening Session - Welcome Ceremony</strong></td>
<td><strong>Candidate Networking Townhall</strong></td>
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<tr>
<td><strong>Exhibits Opening Welcome Reception</strong></td>
<td><strong>Main Event &amp; Sing-Off</strong></td>
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<tr>
<td>5:00pm – 5:30pm</td>
<td><strong>SATURDAY, APRIL 4, 2020</strong></td>
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<tr>
<td><strong>Exhibits/Posters/Learning Center</strong></td>
<td><strong>CLOSSED</strong></td>
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<tr>
<td>open 10:00am-4:00pm</td>
<td><strong>SAGES Scientific Sessions</strong></td>
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<tr>
<td><strong>SAGES Scientific Sessions</strong></td>
<td>8:00am-3:30pm</td>
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<tr>
<td>7:30am-5:30pm</td>
<td><strong>Emergency General Surgery: The Role of MIS</strong></td>
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<tr>
<td><strong>Parastomal Hernia: Tips and Tricks</strong></td>
<td><strong>Barrett’s 2020: What’s Hot, What’s Not</strong></td>
</tr>
<tr>
<td>Oh No, It Slipped Again: Tips and Tricks to Managing Primary and Recurrent Iatral Hernias</td>
<td><strong>Scientific Session: Best Papers II</strong></td>
</tr>
<tr>
<td><strong>Evolution Techniques in Revisional Bariatric Surgery (non-CME)</strong></td>
<td><strong>Foroug Surgery: Who Should Do It and How To Set Up a Center</strong></td>
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<tr>
<td><strong>Keynote: Gerald Marks Lecture - Andrew Kolody, MD</strong></td>
<td><strong>Hernias in Contaminated Fields</strong></td>
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<tr>
<td><strong>Status of Opioids 2020: Aim = No Opioids</strong></td>
<td><strong>Anorectal Emergencies: What Every Surgeon Should Know</strong></td>
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<tr>
<td><strong>Mesh from Soup to Nuts</strong></td>
<td><strong>Community Practice for the Uninitiated</strong></td>
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<tr>
<td><strong>Mobility from Soup to Nuts: How to Interpret and Manage Disorders</strong></td>
<td><strong>Dundelcan Switch: Here to Stay?</strong></td>
</tr>
<tr>
<td><strong>A Nightmare on CRS Street: Whatever You Do, Don’t Fall Asleep</strong></td>
<td><strong>Everything You Wish You Knew About the Surgical Treatment of Gastroparesis</strong></td>
</tr>
<tr>
<td><strong>In search of the Magic Weight-loss Procedure: Current and Evolving Endoscopic Procedures for Weight-loss</strong></td>
<td><strong>What’s New in Fellowship Training? An Update on the Changes and Challenges Facing our Fellows</strong></td>
</tr>
<tr>
<td><strong>Emerging Tech Session (non-CME)</strong></td>
<td><strong>Avoiding and Managing Recidivism after Bariatric Surgery</strong></td>
</tr>
<tr>
<td><strong>Educators Session: Strategies for Increasing Resident and Fellow Autonomy in Training</strong></td>
<td><strong>Controversies in Complex Ventral Hernia Prevention and Repair</strong></td>
</tr>
<tr>
<td><strong>Free Lunch in the Exhibit Hall for All Attendees</strong></td>
<td><strong>New and Emerging Procedures in Bariatric Surgery: What is the Evidence?</strong></td>
</tr>
<tr>
<td>12pm-1:30pm</td>
<td><strong>SAGES Educational Events</strong></td>
</tr>
<tr>
<td><strong>Residents &amp; Fellows Session</strong></td>
<td><strong>The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide Continuing Medical Education for physicians.</strong></td>
</tr>
<tr>
<td><strong>The Great Hernia Debate</strong></td>
<td><strong>The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) designates this live activity for a maximum of 35 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.</strong></td>
</tr>
<tr>
<td><strong>GERD and Bariatric Surgery: Prevention and Management</strong></td>
<td><strong>SAGES – The Future of Colorectal Surgery - Innovations (non-CME)</strong></td>
</tr>
<tr>
<td><strong>No Longer “Back in My Day” – Surgery in the Millennial Era</strong></td>
<td><strong>Refreshment Break/ Happy ½ Hour in Exhibit Hall</strong></td>
</tr>
<tr>
<td><strong>SAGES/ELSTA: The Future of Colorectal Surgery - Innovations (non-CME)</strong></td>
<td><strong>Esophageal Cancer: Updates in MIS and Endoluminal Management</strong></td>
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<tr>
<td><strong>Managing Trauma with MIS Techniques</strong></td>
<td><strong>Minimally Invasive Pancreatic Surgery</strong></td>
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<tr>
<td><strong>Navigating the Long Road Ahead: Career Planning, Mastering the Fundamentals, and all that SAGES Has To Offer</strong></td>
<td><strong>Shark Tank (non-CME)</strong></td>
</tr>
<tr>
<td><strong>Industry Educational Events</strong></td>
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</tbody>
</table>
TOP REASONS TO JOIN US!
Know Before You Go

- Nearly 50% of the U.S. population is located within 500 miles of Cleveland, which means driving is an option
- Cleveland Hopkins International Airport (CLE) is within city limits
- Average airline fare to Cleveland is about 8% less than national average
- RTA provides rail and bus lines across Cuyahoga County
- Affordable Hotel Rates; see our block at [www.sages2020.org/registration/housing/](http://www.sages2020.org/registration/housing/)
- **Bring your family!**
  - Downtown Cleveland is designated a “Walker’s Paradise” by WalkScore
  - Free downtown trolleys run seven days a week
  - Taxi services, Lyft and Uber available for ground transport
  - Free attractions range from the world-renowned Cleveland Museum of Art to the Cuyahoga Valley National Park
  - Don’t forget to visit the Rock & Roll Hall of Fame
  - Springtime highs average anywhere from 50–60 degrees, but fall and spring also bring rain, so pack your umbrella.
  - Tip: dress in layers.

Accreditation Statement

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SAGES Program Committee

<table>
<thead>
<tr>
<th>Chair</th>
<th>Co-Chair</th>
<th>Chair</th>
<th>Co-Chair</th>
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</thead>
<tbody>
<tr>
<td>Robert Fanelli, MD, MHA</td>
<td>Melissa Lapinska, MD</td>
<td>Edward Felix, MD</td>
<td>Michel Gagner, MD</td>
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<tr>
<td>Edward Auyang, MD</td>
<td>Matthew Goldblatt, MD</td>
<td>Jon Gould, MD</td>
<td>Kelly Haisley, MD</td>
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<tr>
<td>Adnan Alseidi, MD</td>
<td>Carroll Harmon, MD, PhD</td>
<td>Rana Higgins, MD</td>
<td>Kunoor Jain-Spangler, MD</td>
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<td>Juan Barajas-Gamboa, MD</td>
<td>Psychiatry, MD</td>
<td>Leena Khaitan, MD, MPH</td>
<td>Archana Ramaswamy, MD, MBA</td>
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<td>James Bittner, MD</td>
<td>Stefan Scholz, MD</td>
<td>Allan Otkainenec, MD</td>
<td>KMarie Reid, MD, MS, MBA</td>
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<tr>
<td>Shaun Daly, MD</td>
<td>Bethany Slater, MD</td>
<td>Don Selzer, MD, MS</td>
<td>Bethany Sacks, MD, Med</td>
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SAGES Board of Governors

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President-Elect: Horacio J. Asbun, MD
1st VP: John D. Mellinger, MD
2nd VP: Christopher M. Schlachta, MD
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Patricia Sylla, MD
*Mark A. Talamini, MD
Dana A. Telem, MD, MPH
David R. Urbach, MD
Melina C. Vassiliou, MD
Danielle S. Walsh, MD

Tip: dress in layers.

# Program Outlines

## 2020 Unit Coordinators

### Equipment
- **Chair:** John Rodriguez, MD  
- **Co-Chair:** Dean Mikami, MD

### Learning Center
- **Chair:** Adnan Alseidi, MD  
- **Co-Chair:** Sara Hennessy, MD

### Posters
- **Chair:** Rana Higgins, MD  
- **Co-Chair:** S. Scott Davis Jr., MD

### Videos
- **Chair:** Yulia Zak, MD  
- **Co-Chair:** John Linn, MD  
- **Co-Chair:** David Urbach, MD

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## Wednesday, April 1, 2020

### 7:30 AM - 5:00 PM  SAGES Scientific Sessions & Videos

**Accepted Oral & Video Presentations**

**7:30 AM - 9:00 AM  Devil's in the Details: Roux-en-Y Gastric Bypass**

*Session Chair: Allison Barrett, MD  |  Co-Chair: Bradley Needleman, MD*

Small decisions can have big consequences when it comes to the technical complexity of bariatric surgery. This session is for bariatric surgeons who want to improve outcomes and lower risks for patients undergoing Roux-en-Y gastric bypass through fine-tuning of their operative technique.

At the conclusion of this session, attendees will be able to:

- Compare the risks and benefits of various techniques for specific portions of the Roux-en-Y gastric bypass operation.
- Develop a framework for intraoperative decision-making during Roux-en-Y gastric bypass operation.
- Recognize different complications that occur as a result of certain techniques used during Roux-en-Y gastric bypass operation.

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>Planning the Perfect Gastric Bypass</td>
<td>Konstantinos Spaniolas</td>
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<tr>
<td>7:40 AM</td>
<td>Making the Pouch and Managing the Hiatus</td>
<td>Sabrena Noria</td>
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<tr>
<td>7:50 AM</td>
<td>Optimal Intestinal Limb Length</td>
<td>Caitlin Halbert</td>
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<tr>
<td>8:00 AM</td>
<td>Making the Perfect Gastrojejunostomy</td>
<td>Curtis Peery</td>
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<tr>
<td>8:10 AM</td>
<td>Making the Perfect Jejunoojejunostomy and Managing the Defects</td>
<td>Miguel Burch</td>
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<tr>
<td>8:20 AM</td>
<td>Special Circumstances: Simultaneous Surgeries</td>
<td>Emma Patterson</td>
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<tr>
<td>8:30 AM</td>
<td>Special Circumstances: Previous Foregut or Bariatric Surgery</td>
<td>Farah Husain</td>
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<tr>
<td>8:40 AM</td>
<td>Enhanced Recovery After Surgery Programs</td>
<td>Michael Schweitzer</td>
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<tr>
<td>8:50 AM</td>
<td>Panel Discussion</td>
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</table>

### 7:30 AM - 9:30 AM  Per-Oral Technologies: Mind Blown

*Session Chair: Jose Martinez, MD  |  Co-Chair: Erika Fellinger, MD*

Flexible endoscopy is continuing to play a major role in the evaluation, management and treatment of foregut pathology. This session is designed to illustrate some of the current and upcoming technology available for per oral techniques as well as procedures in which it currently being applied. The session is intended for all practicing surgeons, endoscopists, and allied health professionals.

At the conclusion of this session, attendees will be able to:

- Identify and describe recent developments and innovations in foregut endoscopic technology.
- Assess how to apply new per oral techniques to common foregut problems.
- Demonstrate the tools that allow complex procedures to be performed endoscopically.

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<tr>
<th>Time</th>
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<tr>
<td>7:30 AM</td>
<td>Introduction</td>
<td>Jose Martinez</td>
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<tr>
<td>7:35 AM</td>
<td>Endoscopes: What is Out There?</td>
<td>Consandre Romain</td>
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<tr>
<td>7:50 AM</td>
<td>Emerging Endoscopic Imaging: The Future is Here</td>
<td>Erika Fellinger</td>
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<tr>
<td>8:05 AM</td>
<td>New Era, New Tools: Top 10 Endoscopic Devices</td>
<td>Diya Alaedeen</td>
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<tr>
<td>8:25 AM</td>
<td>Q&amp;A</td>
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</tbody>
</table>
Update on Diverticulitis: Controversies & Challenges
Session Chair: Marylise Boutros, MD | Co-Chair: Bradley Champagne, MD

The optimal management of an acute episode of diverticulitis continues to raise controversies including the need for antibiotics, the role of percutaneous drainage and when to operate for smouldering disease. Furthermore, long term treatment challenges include deciphering chronic abdominal symptoms, finding evidence-based medical strategies and determining the indications for elective resection. All surgeons and trainees who treat diverticulitis in the acute or elective setting will benefit from joining this session.

At the conclusion of this session, attendees will be able to:
- Evaluate the role of non-antibiotic management for acute uncertainty implicated diverticulitis.
- Develop a framework for the management of diverticular abscess, smoldering diverticulitis and recurrent diverticulitis.
- Employ evidence-based strategies for the medical management of recurrent diverticulitis.

7:30 AM - 9:00 AM
- Introduction
- Is it Time to Adopt a Non-Antibiotic Management? A Look at Data, Guidelines, and More
- Acute and Long-term Management of Diverticular Abscess - Is Less Really More?
- Smoldering Diverticulitis: Has the Pendulum Swung the Other Way?
- Abdominal Pain and Diverticulosis: SUDD, SCAD, or Smoldering Diverticulitis?
- Elective Surgery and Quality of Life - What Really Matters to Our Patients?
- The Alternative to Elective Surgery for Recurrent Diverticulitis: Is There Really Any Evidence-Based Medical Management?
- Panel Discussion

Scientific Session: SS1: Bariatric ERAS
Session Moderators: Anthony T. Petrick, MD | Yagnik Krishnakant Pandya, MD

Scientific Session: SS2: Esophagus
Session Moderators: Garth R. Jacobsen, MD | John G Hunter, MD

SAGES Military Symposium: Improving Care on the Battlefield
Session Chair: Gordon Wisbach, MD | Co-Chairs: Andrew Schlussel, DO & Tamara Worlton, MD

As the modern-day battlefield evolves, our service members rely on a wide breadth of research from basic science to trauma management. These research endeavors, tested and perfected in combat have now been applied to civilian trauma care, improving the outcomes of patients worldwide. Surgeons from all specialties, both military and civilian can benefit from the far forward thinking of our military surgeons and those in direct support of our Armed Forces.

At the conclusion of this session, attendees will be able to:
- Apply modern applications of advanced technology in the far forward surgical arena.
- Manage a broad spectrum of surgical patients utilizing evidence-based research from both basic science and clinical research applications.
- Prepare all surgeons, both military and civilian, to manage the acutely traumatized patient.
9:20 AM      Break
9:30 AM    Trauma/Critical Care Presentations
    Jennifer Gurney
    Brian Gavitt
    Matthew Tadlock

10:40 AM      Break
10:50 AM    Distinguished Surgeon Lecture
    Dan Walrath
11:40 AM    Distinguished Surgeon Q&A

11:50 AM      Lunch

12:50 PM    General Surgery Presentations
    Danielle Holt
    Shane Jensen
    Gordon Wisbach

2:00 PM    Awards
2:20 PM      Break
2:30 PM    SAGES and Combat Surgery: Improving Long-term Outcomes of Trauma Injuries
    Fia Yi
    Robert Lim
    Adnan Alseidi
    Christi Cavaliere

4:30 PM    Q&A and Closing Remarks
    Gordon Wisbach

8:30 AM - 9:30 AM    Scientific Session: SS3: Hernia Outcomes and Recovery
    Session Moderators: Michael J. Rosen, MD | Philip A Omotosho, MD

9:00 AM - 12:00 PM    Masters Foregut: Paraesophageal Hernia
    Session Chair: Anne Lidor, MD | Co-Chair: Andrew Kastenmeier, MD
    Moderator: Andrea Pietrabissa, MD

This course is intended to address complex decision-making associated with the management of acute and elective paraesophageal hernias. The technical approaches to non-standardized aspects of the operation, such as fashioning the fundoplication and placement and fixation of hiatal mesh, will be presented; as will the operative techniques for adjunct procedures such as esophageal lengthening procedures and diaphragmatic relaxing incisions.

At the conclusion of this session, attendees will be able to:
- Describe the treatment options for an acutely symptomatic paraesophageal hernia.
- Understand the indications and operative steps for esophageal lengthening and diaphragmatic relaxation.
- Evaluate the merits of different operative approaches to fashioning a fundoplication and placing hiatal mesh reinforcement.

9:00 AM      Introduction
9:05 AM    Paraesophageal Hernia Repair: Indications and Patient Selection Considerations
    Lily Chang
9:20 AM    Approach to the Recurrent Paraesophageal Hernia
    Jayleen Grams
9:35 AM    Addressing the Acutely Presenting Paraesophageal Hernia
    Dmitri Oleynikov
9:55 AM    Relaxing Incisions - How I Do It
    Steven DeMeester
10:10 AM    Esophageal Lengthening - How I Do It
    James Luketich
10:25 AM    Pre-recorded 'Live' Surgery: Nissen Fundoplication
    Christy Dunst
10:25 AM    Pre-recorded 'Live' Surgery: Partial Wrap
    Rana Higgins
10:25 AM    Pre-recorded 'Live' Surgery: Robotic Hiatal Hernia Surgery
    Michael Awad
10:55 AM    Panel Discussion: Hiatal Hernia Mesh Placement and Fixation Techniques

9:00 AM - 10:00 AM    Building a Comprehensive Weight Loss Center
    Session Chair: Judy Chen, MD | Co-Chair: Stacy Brethauer, MD

Over 40% of adult Americans and nearly 20% of children meet criteria for obesity, making metabolic and weight management vital to all aspects of medicine. Understanding the key component to developing a comprehensive bariatric practice for adults and children is essential to a successful clinical and professional practice. This session provides an informative panel to educate about MBSAQIP standards, engage with medical leadership, understand the multidisciplinary team members structure and needs of bariatric patients. Surgeons who are interested in starting, expanding and staying on the cutting edge of comprehensive obesity treatment.

At the conclusion of this session, attendees will be able to:
- Learn to start and build a comprehensive bariatric practice that has the essential elements for care.
● Learn how to support a sustainable and viable practice.
● Learn how to engage, increase access to care in a continuously changing healthcare climate, including adolescent bariatric care.

9:00 AM The New 2019 MBSAQIP Standards - What’s New? Wayne English
9:12 AM Partnering and Building a Comprehensive Program from Scratch: Who are the Stakeholders at the Hospital? Corrigan McBride
9:24 AM Being the Bariatric Champion and Building the Multidisciplinary Team Kunoor Jain-Spaingler
9:36 AM The Role of Engaging the Community, Marketing and Social Media in Building Your Program Neil Floch
9:48 AM Q&A

9:00 AM - 10:00 AM Scientific Session: SS4: Other Ways to Skin a Cat
Session Moderators: David B. Renton, MD | Jonathan M. Dort, MD

9:30 AM - 10:30 AM The Digital World and the Modern Surgeon: Useful Apps in Surgery and Managing Social Media
Session Chair: Andrew Wright, MD | Co-Chair: Carmen Mueller, MD
In this session we will take a snapshot of the current landscape of the digital world, including how surgeons are using social media to improve patient care through case discussion and continuing education, as well as the importance of branding, patient outreach, and marketing. We will also look at the use of apps in surgery from both the surgeon and the patient perspective. Finally, we will discuss risks in social media and app use, including professionalism and patient privacy issues.

At the conclusion of this session, attendees will be able to:
● Use social media to communicate and collaborate with other surgeons.
● Integrate available apps into clinical practice.
● Articulate best practices for professionalism and privacy in social media.

9:30 AM The Importance of Social Media to the Modern Surgeon Hope Jackson
9:38 AM Case Study: The SAGES Facebook Mastery Groups Amber Shada
9:46 AM Case Study: Twitter, Snapchat, and Instagram for the Busy Surgeon Crystal Johnson-Mann
9:54 AM Medical-Legal and Ethical issues in Social Media for Physicians Sean Langenfield
10:02 AM Useful Apps for Surgeons Lawrence Cetrulo
10:10 AM Social Media and Apps for the Surgical Patient Heather Evans
10:18 AM Panel Discussion

9:30 AM - 10:30 AM Scientific Session: SS5: Bariatric Outcomes I
Session Moderators: Andrew J. Duffy, MD | Jacob Aaron Petrosky, MD

10:00 AM - 12:00 PM “But I Don’t Want Mesh” - Options for Hernia Repair Without Permanent Synthetic Mesh
Session Chair: Shawn Tsuda, MD | Co-Chairs: Guy Voeller, MD & Janey Pratt, MD
The science of hernia repair and implants continues to evolve, along with patient perception. Discover alternatives to permanent synthetic mesh including no mesh, biologics, absorbables, bioabsorbables, and patient-specific mesh choice.

At the conclusion of this session, attendees will be able to:
● Describe alternatives to permanent synthetic mesh in hernia repair.
● Evaluate current data and guidelines for best practices in the use of mesh for hernia repair.
● Employ new strategies to choose the best patient-specific implant for your hernia patients using best available evidence.

10:00 AM No Mesh Inguinal Hernia Repair: Perspective from Pediatric Surgery Todd Ponsky
10:15 AM No Mesh Hernia Repair: Non-Complicated Inguinal and Ventral Hernias Samer Sbayi
10:30 AM No Mesh Hernia Repair: Complicated Inguinal and Ventral Hernias J Scott Roth
10:45 AM The Current State of Biologic Grafts for Hernia Repair Nicole White
11:00 AM Absorbable Synthetic and Biosynthetic Mesh Dana Telem
11:15 AM Let's Settle This: Mesh in Hiatal Hernia Repairs Guy Voeller
11:30 AM Patient- and Disease-Specific Mesh Choice Janey Pratt
11:45 AM Panel Discussion
10:00 AM - 12:00 PM Weight Loss Medications and How I Use Them
Session Chair: Marina Kurian, MD | Co-Chair: Teresa LaMasters, MD

This session will demystify weight loss medications and when to use them in bariatric patients that have not lost enough weight or have regained weight. Surgeons will learn which patients to offer medications to and how to get started. Participants will also learn what are expected outcomes.

At the conclusion of this session, attendees will be able to:
- Describe the indications for use of weight loss medications in patients with weight regain or inadequate weight loss.
- Create strategies to initiate and monitor patients on medications.
- Implement changes to patient management for weight regain or inadequate weight loss.

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>10:00 AM</td>
<td>Introduction and Benefit of ABOM Certification</td>
<td>Marina Kurian</td>
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<td>10:10 AM</td>
<td>Is Weight Regain a Spectrum and When Do We Intervene</td>
<td>John Scott</td>
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<td>10:20 AM</td>
<td>Diet and Exercise Can Redirect the Postoperative Patient: What’s Best -</td>
<td>Katie O’Boyle</td>
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<td>Keto or Intermittent Fasting</td>
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<td>10:40 AM</td>
<td>Medications: What's Out There and What are Expected Results</td>
<td>Robin Blackstone</td>
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<td>11:00 AM</td>
<td>Post Surgery Patient: RGB, Sleeve, Band - Is There One Perfect Medication</td>
<td>C. Joe Northup</td>
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<td>11:15 AM</td>
<td>Mono vs Layering Therapies to Improve Weight Loss</td>
<td>Rachel Moore</td>
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<td>11:30 AM</td>
<td>Case Vignettes</td>
<td>Teresa LaMasters</td>
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<td>11:40 AM</td>
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10:30 AM - 12:00 PM Scientific Session: SS6: Bariatric Outcomes II
Session Moderators: Matthew M. Hutter, MD | Pablo Esteban Omelanczuk, MD

10:30 AM - 12:00 PM Scientific Session: SS7: Oops!
Session Moderators: Robert D. Fanelli, MD | W. Scott Melvin, MD

12:00 PM - 1:30 PM The 14th Annual SAGES Foundation Awards Luncheon
Non-CME

This annual ticketed event celebrates and honors distinguished leaders in minimally invasive surgery. Proceeds benefit the SAGES Foundation and its mission to advance endoscopic, laparoscopic, and emerging minimal access surgical methods and patient care. The 2020 Awards Luncheon features awards and research grants presented to outstanding surgeons and educators for their work in minimally invasive surgery and raises funds to keep patient safety and surgical innovation in the forefront.

The following Awards will be presented:
- SAGES Career Development Award & Research Grant Awards
- SAGES Young Researcher Award
- SAGES Researcher in Training Award
- SAGES IRCAD Traveling Fellowship Award
  SAGES acknowledges a generous grant in support of this award from Karl Storz Endoscopy
- SAGES Brandeis Awards (2 recipients)
  SAGES acknowledges a generous grant in support of one award from the SAGES Foundation
- SAGES Advocacy Summit Award
- SAGES Foundation Barbara Berci Memorial Award
- SAGES Foundation Margrét Oddsdóttir Traveling Fellowship Award
- SAGES Foundation Gerald Marks Rectal Cancer Award
- SAGES Foundation Excellence in Medical Leadership Award
  Generously funded through an unrestricted educational grant from W.L. Gore & Associates
- SAGES Foundation Jeffrey L. Ponsky Master Educator in Endoscopy Award
- Kenneth Forde Excellence in Humanistic Clinical Care Award
- SAGES International Ambassador Award
- SAGES Pioneer in Surgical Endoscopy Award
- SAGES Distinguished Service Award
- SAGES George Berci Lifetime Achievement Award
How to RSVP: To become an event sponsor, purchase individual tickets, tables, or virtual ads, please contact the Foundation office at (310) 347-0544 or foundation@sages.org. Individual tickets $175 each and tables of ten are available for $1,300. Since this event benefits the SAGES Foundation, a portion of your purchase is tax-deductible to the extent permitted by law. Note: After March 8, 2020 a late registration fee will apply as follows: individual tickets will be $195 and tables of ten will be $1,325. On-site registration for individual tickets will be $225 and for tables of ten will be $1,375.

1:30 PM - 3:30 PM  Masters Flexible Endoscopy: Lower GI Endoscopy  
Session Chair: Eric Pauli, MD | Co-Chairs: Steven Wexner, MD & Greta Bernier, MD

Colonoscopies have nearly doubled in adults over 50 years of age and an estimated 15 million colonoscopies were performed in the US in 2012. The rapid decline in colorectal cancer rate can be directly attributed to early detection enabled by colonoscopic screening protocols. This Flexible Endoscopy Masters session reviews current topics in lower GI endoscopy including the Masters topics of diagnostic colonoscopy, endoscopic dilation and endoscopic stent placement. Additional focus includes advanced tissue resection methods as well as preventing and managing complications of common colonoscopic procedures.

At the conclusion of this session, attendees will be able to:

- To identify techniques necessary to perform a safe polypectomy.
- To distinguish when balloon dilation and stenting should be used in the lower GI tract.
- To articulate methods and results of colonic EMR and ESD.

1:30 PM  How Can I Find More Polyps? Dana Sands
1:45 PM  I Want to Do a Better, Safer Polypectomy Michael McGee
2:00 PM  Beyond Polypectomy: EMR and ESD Sergey Kantsevoy
2:15 PM  To Stretch or Not to Stretch: Colonoscopic Balloon Dilation Nicole Saur
2:30 PM  Should We be Placing a Colon Stent Here? Kristen Croswell
2:45 PM  Colonoscopy Perforation: What Now?? Dana Hayden
3:00 PM  Pre-Recorded ‘Live’ Surgery

1:30 PM - 3:30 PM  Putting Out the Fire: Time to Burn the Burnout  
Session Chair: Deborah Keller, MD | Co-Chair: John Romanelli, MD

Burnout- a syndrome involving emotional exhaustion, depersonalization, diminished sense of accomplishment, and greater risk of committing a major medical error- is common and impacts the personal and professional lives of surgeons, and well as the quality of care provided to patients. This interactive session will engage the audience to discuss the real root causes of the problem, identify what fans the flames of burnout, and outline what strategies can help extinguish the blazes. All surgeons and trainees should plan to attend this session to recognize symptoms of burnout and in themselves and colleagues, and the tools to move out of the fire.

At the conclusion of this session, attendees will be able to:

- Recognize symptoms of unwellness and burnout, and the triggers that can lead to burnout.
- Implement tips and tricks from surgical leaders who will reflect on their own experiences, react to the audience responses, and answer the questions on burnout.
- Organize personal plans to change your mindset and develop life strategies that can lead to wellness.

1:30 PM  Introduction - Reviewing the Audience Response Questions Deborah Keller
1:35 PM  Kindling: Waiting to be Ignited: What Does the Unwell Surgeon Look Like? Michael Albert
1:45 PM  Accelerant: The Pathway to "Unwellness": RVUs & EMRs: What Really Fuels the Employed Physician's Burnout? Julie Freischlag
1:55 PM  Accelerant: The Pathway to 'Unwellness': Tinder to the Community/Private Practice Physician's Burnout Caitlin Halbert
2:05 PM  Accelerant: The Pathway to 'Unwellness': Hidden Sparks of Unwellness Charles Paget
2:15 PM  Extinguishing the Fire: Surgical Leaders’ Role Sherry Wren
Jo Buyske
Steven Shwaitzberg
Mark Talamini
Justin Dimick
3:15 PM  Flame-Retardant Tools: Change Your Mindset Fran Dunphy
1:30 PM - 5:00 PM  Hands-On Course: ADOPT Hernia - No Plastic, No Cry
Session Chair: Sharon Bachman, MD | Co-Chair: Jacob Greenberg, MD

This innovative program transforms the usual hands-on course conducted during the SAGES annual meetings into a gateway to a one-year longitudinal curriculum designed to facilitate successful procedural adoption. In this hands-on course, participants will have the opportunity to review retromuscular approaches to complex ventral/incisional hernias. We will focus on absorbable mesh use for clean-contaminated and contaminated hernia repairs. Additionally, participants may have the opportunity to perform non-mesh inguinal hernia repairs. This course aims to provide surgeons with the tools to incorporate anterior and posterior component separations, and myofascial advancements to their skill set. Additionally, participants will have the ability to learn primary repair techniques for inguinal hernias. This immersion experience exposes our learners to a personalized 4 hours of cadaveric experience individually tailored to their goals and skill level. The ratio in the lab will be 2:1 attendee to faculty. Our mentorship continues through the year long program with ongoing individual interactions with assigned mentor and group webinars to share experiences, give advice and improve adoption rates of new procedures with a supportive environment.

Procedural options: Each table at the hands-on course may select to perform procedures from the following list:

- Inguinal
  - Tissue repairs: Shouldice, Bassini, McVey
  - Repairs with biologic and absorbable synthetic materials: Lichtenstein (anterior), pre-peritoneal
- Ventral
  - Tissue advancement: anterior component separation, posterior component separation, Chevrel
  - Repairs with biologic and absorbable synthetic materials: Retrorectus, pre-peritoneal, onlay

At the conclusion of this session, attendees will be able to:

- Choose and use appropriate mesh products for the repair of clean contaminated and contaminated hernias.
- Employ tissue-based repairs for inguinal hernias in appropriately selected patients.
- Perform advanced techniques for repair of large ventral and incisional hernias, including anterior and posterior component separations, and myofascial advancements.

Lab instructors: William Cobb, Robert Fitzgibbons, Rana Higgins, Hari Ondiveeran, John Paige, Rebecca Petersen, Archana Ramaswamy, Michele Riordon

1:30 PM - 2:30 PM  Back to School Basics: Relearning the Hand-Sewn Anastomotic Technique in Colorectal Surgery
Session Chair: Patricia Sylla, MD | Co-Chair: Daniel Popowich, MD

With advances in stapling devices and technologies which have enable easier creation of gastrointestinal and colorectal anastomoses, hand-sewn anastomoses are being performed less frequently. There is a trend towards reduced exposure of surgical trainees to hand-sewn techniques. However, there remain situations where hand-sewn anastomosis should be the preferred approach for optimal outcomes, especially in the setting of reduced access to stapling devices and/or stapler malfunction. With appropriate training, manual suturing techniques can be adapted to the minimally invasive approach, facilitating completion of intra-corporeal anastomosis, and even complete minimally invasive colorectal resection with natural orifice extraction. This session will demonstrate standard extracorporeal and intra-corporeal hand-sewn anastomotic techniques and highlight their clinical benefits in the appropriate clinical setting.

At the conclusion of this session, attendees will be able to:

- Review outcomes hand-sewn vs stapled anastomotic creation in colorectal surgery.
- Review techniques of extracorporeal and intra-corporeal hand-sewn anastomotic techniques during minimally invasive colorectal resections.
- Demonstrate strategies how best to train for and adopt open and minimally invasive hand-sewn techniques into clinical practice.

1:30 PM  Introduction  Daniel Popowich
1:32 PM  Back to School Refresher: Extra-Corporeal Hand-Sewn Techniques  Robert Goldstone
1:42 PM  Tricks from Abroad: Avoiding Anastomotic Leaks in Colorectal Stapled Anastomoses  Luis Chiroque
1:52 PM  Right-Sided Intra-Corporeal Anastomotic Techniques  Dorna Jafari
2:04 PM  Left-Sided Intra-Corporeal Anastomotic Techniques  Rahil Essani
2:16 PM  What's Next: Complete Hand-Sewn Intra-Corporeal Technique for Colorectal Resections  Atif Iqbal
2:28 PM  Anastomotic Mishaps, from Stapler Misfire to Anastomotic Leaks  Salomone DiSaverio
2:40 PM  Q&A

Page 7
1:30 PM - 3:00 PM Masters Bariatrics: Everything Sleeve Gastrectomy
Session Chair: Corrigan McBride, MD | Co-Chair: Jonathan Thompson, MD

The Perfect Sleeve Gastrectomy: how do we define it and how can every surgeon achieve it? Join our faculty for an overview of the state of the art in sleeve gastrectomy and an interactive video session of various ways to achieve ideal sleeve gastrectomy anatomy.

At the conclusion of this session, attendees will be able to:
- Describe the contraindications to sleeve gastrectomy.
- Describe the characteristics of ideal sleeve gastrectomy anatomy.
- Identify the physiologic changes that occur following ideal sleeve gastrectomy construction.

1:30 PM Introduction                      Jonathan Thompson
1:35 PM Data-Driven Bariatric Procedure Selection: Sleeve Gastrectomy  Theresa LaMasters
1:45 PM Is Sleeve Gastrectomy a Metabolic Procedure? Procedure Selection in Philip Schauer
Patients with Diabetes
1:55 PM Is a Patient with GERD a Candidate for Sleeve Gastrectomy?   Leena Khaitan
2:05 PM Perfect and Imperfect Sleeve: Anatomy and Physiology Raul Rosenthal
2:15 PM The Perfect Sleeve: Principles of Sleeve Construction Michel Gagner
2:25 PM The Perfect Sleeve: New Technologies     Aaron Hoffman
2:35 PM Introduction - Pre-recorded ‘Live’ Surgery Corrigan McBride
2:40 PM Pre-recorded ‘Live’ Surgery: Bougie Sleeve Carol McCloskey
2:40 PM Pre-recorded ‘Live’ Surgery: Staple First Sleeve Marina Kurian
2:40 PM Pre-recorded ‘Live’ Surgery: Robotic Sleeve Christopher You
2:40 PM Pre-recorded ‘Live’ Surgery: Clamp Sleeve Anjali Gresens
2:40 PM Pre-recorded ‘Live’ Surgery Panelist      Helmuth Billy
2:40 PM Pre-recorded ‘Live’ Surgery Panelist      Robin Blackstone

1:30 PM - 3:00 PM Scientific Session: SS8: Gastric Surgery
Session Moderators: Sang Hoon Ahn, MD | Vivian E.M. Strong, MD

3:00 PM - 4:00 PM Optimizing Patients for Surgery: Prehab and Rehab in MIS
Session Chair: William Hope, MD | Co-Chair: Sharona Ross, MD

This session will describe the "before" and "after" care of surgical patients that will help improve our surgical outcomes. Surgeons from all disciplines are invited as these key principles of pre and rehabilitation in our surgical patients are universal. Surgeons will learn many ways that we can help improve our surgical patients’ outcomes outside of the operating room.

At the conclusion of this session, attendees will be able to:
- Understand the concept of prehabilitation in surgical patients and the specific interventions that surgeons can employ to help improve outcomes.
- Demonstrate and employ care pathways that will help our patients recover faster from surgical operations.
- Integrate knowledge from other surgical disciplines and specialties to help prepare and recover our patients from surgery.

3:00 PM Music in Surgery - Can We Optimize Pain Outcomes?                 Jans Jeekel
3:10 PM Prehab - What Should They Be and How Can We Affect Outcomes? Dana Telem
3:20 PM Rehabilitation - What Can We Learn from Other Disciplines Howard Levinson
3:30 PM Beyond ERAS for Colorectal Surgery - Can We Do More?    Michelle Fillion
3:40 PM Q&A

3:00 PM - 5:00 PM Serious Mishaps in the OR - Burnin’ Down the House
Session Chair: Jaisa Olsaky, MD | Co-Chair: Thomas Robinson, MD
Moderator: Hyung-Ho Kim, MD

This session will provide surgeons with an overview of serious adverse events in the operating room, including surgical energy related complications. We will outline way to decrease the risk of the events and provide participants with strategies to handle an adverse event when it does occur.
At the conclusion of this session, attendees will be able to:

- Identify high risk situations where rare but severe adverse events occur in the operating room.
- Outline the steps they should take after an adverse event.
- Implement strategies to decrease the risk of adverse surgical energy events.

3:00 PM Introduction  
Jaisa Olasky

3:02 PM Does Anyone Smell Smoke? OR Fires  
Edward Jones

3:17 PM True Life Complications of Electrosurgery  
Pascal Fuchshuber

3:32 PM The Other Magnet in the OR - Cardiac Implantable Device Risks  
Stephanie Jones

3:47 PM The Aftermath Part I: How to Report Adverse Events  
Kinga Powers

4:02 PM The Aftermath Part 2: How to Handle A Wrong Site Surgery Event  
Samer Sbayi

4:17 PM The Just Culture and its Role in Decreasing Complications  
Eren Berber

4:32 PM Q&A

3:00 PM - 5:00 PM Scientific Session: SS9: Colorectal I
Session Moderators: Conor P. Delaney, MD | Masafumi Inomata, MD

3:30 PM - 5:00 PM Devil's in the Details: Revision Foregut Surgery
Session Chair: Michael Ujiki, MD | Co-Chair: Blair Jobe, MD
Moderator: Nicole Bouvy, MD

This session will include pearls on how to approach the patient who requires reoperative foregut surgery. Redo Operations for hiatal hernia repair, fundoplication, and myotomy will be included with plenty of video.

At the conclusion of this session, attendees will be able to:

- Describe the work-up for the patient requiring reoperative fundoplication or myotomy.
- Employ new strategies during reoperative foregut surgery (i.e. fundoplication, myotomy, etc.).
- Interpret the current available data on mesh use in reoperative foregut surgery.

3:30 PM Preoperative Considerations Prior to Reoperative Foregut Surgery  
Caitlin Houghton

3:45 PM Revisional Surgery After Failed Fundoplication  
Sumeet Mittal

4:00 PM Revisional Options After Failed Magnetic Sphincter Augmentation  
Steven Leeds

4:15 PM Revisional Options After Failed Myotomy  
Jon Gould

4:30 PM Reoperation for Recurrent Hiatal Hernia: To Mesh or Not to Mesh, That is the Question  
Anne Lidor

4:45 PM Q&A

3:30 PM - 5:00 PM Managing Bariatric Complications On-Call: This Patient is too Sick to Transfer ... Now What Do I Do?
Session Chair: Sabrena Noria, MD | Co-Chair: Konstantinos Spaniolas, MD

As the prevalence of obesity continues to rise, so too does the demand for successful therapies. Over the last decade bariatric surgery has evolved into a safe approach to weight loss, making it the most effective therapeutic intervention for treating morbid obesity. Given that ~228,000 surgeries were performed in 2017, any practicing general and/or acute care surgeon can expect to encounter a bariatric patient that requires emergent care. To that end, this session aims to outline the most common urgent/emergent bariatric-specific problems, encountered both early and late after surgery, and provide approaches to both diagnosis and intervention.

At the conclusion of this session, attendees will be able to:

- Understand the similarities and differences in emergent resuscitation and evaluation of a bariatric patient.
- Develop a systematic approach to diagnosing and managing common bariatric-related emergencies.

3:30 PM Bariatric Anatomy and Physiology: Resuscitation Do's and Don'ts  
Salvatore Docimo

3:40 PM Leak After Gastric Bypass: Timing is Everything  
Daniel Jones

3:50 PM Bleed After Gastric Bypass: Location, Location, Location  
John Linn

4:05 PM Obstruction After Gastric Bypass: Vigilance is Key  
Gina Adrales

4:20 PM Complications After Sleeve Gastrectomy: Leaks, Bleeds and Thromboembolic Events  
Allison Barrett

4:30 PM Emergent Complications After Lap Bands: What Do You See? What Do You Do?  
Tammy Kindel

4:40 PM Zebras and Horses: Beware Atypical Anatomy But Don’t Forget The Basics  
Bradley Needleman

4:50 PM Panel Discussion
Hernia repairs should be performed with the goal of improving quality of life and reducing the risk of repair-related pain. However, we know that hernia repair-related chronic pain is a persistent problem. In this session, we aim to outline specific techniques and surgical options to reduce the risks of post-herniorrhaphy chronic pain. Also, we aim to help the surgeon algorithmically and efficiently help treat their patients who may suffer from pain.

At the conclusion of this session, attendees will be able to:

- Identify patients at risk for chronic pain after hernia repair.
- Employ surgical options that reduce the risk of post-herniorrhaphy chronic pain.
- Follow an efficient algorithm to help treat patients who present with hernia repair-related pain.
Thursday, April 2, 2020

7:30 AM - 5:30 PM  SAGES Scientific Sessions & Videos
Accepted Oral & Video Presentations

7:30 AM - 9:00 AM  Evolving Techniques in Revisional Bariatric Surgery
Session Chair: Erik Wilson, MD | Co-Chairs: Ali Aminian, MD & Linden Karas, MD

Revisional bariatric procedures are on the rise which is consistent with the management of a growing chronic disease such as the disease of obesity. There is little consensus on treatment strategies after bariatric surgery with weight recidivism or complication management. This session will examine the common issues facing bariatric surgeons in the revisional management of patients. Speakers will examine common and new procedures in a panel discussion at the end of the session.

At the conclusion of this session, attendees will be able to:
- Identify medical and non-surgical management strategies of patients with weight recidivism after bariatric surgery.
- Assess and manage patients with reflux and/or weight regain after sleeve gastrectomy.
- Interpret new technologies and techniques for managing revisional bariatric surgery patients.

7:30 AM  Medical Management as the First Revisional Bariatric Procedure  Scott Butsch
7:42 AM  Sleeve Reflux Management With and Without Weight Regain  Howard McCollister
7:54 AM  Weight Recidivism in Sleeve Gastrectomy: Rouxs or Loops?  Helmut Billy
8:06 AM  Gastric Bypass Revisions: Can Endoluminal Approaches Avoid More Surgery?  Marita Bauman
8:18 AM  Revisional Bariatric Surgery: What can Robotics Add?  Melissa Felinski
8:30 AM  The Endoscopic Weight Loss Procedure Failed - Can I Do a Definitive Surgical Procedure?  Brian Jacob
8:42 AM  Q&A

7:30 AM - 9:00 AM  Oh No It Slipped Again: Tips and Tricks to Managing Primary and Recurrent Hiatal Hernias
Session Chair: Christy Dunst, MD | Co-Chair: Emanuele Lo Menzo, MD

This session is designed to address the complexity of hiatal hernia repair. Current controversies and technical tips and tricks from leading experts will be discussed.

At the conclusion of this session, attendees will be able to:
- Differentiate between types of hiatal hernias and their implications for repair.
- Recognize and resolve technical challenges implicated in recurrence of hiatal hernia repairs.
- Gain valuable insights for revisional hiatal hernia operations.

7:30 AM  Introduction  Christy Dunst
7:35 AM  Defining Hernias of the Hiatus and Basics Steps in Repair  Kelly Haisley
7:50 AM  Do It Right the First Time: Reducing Axial and Radial Tension  Steven DeMeester
8:25 AM  Oh No it Slipped Again! Tips for Redo Surgery  Michael Ujiki
8:40 AM  Panel Q&A

7:30 AM - 9:00 AM  Parastomal Hernias - Tips and Tricks
Session Chair: Jeffrey Blatnik, MD | Co-Chairs: Mercedes Baghai, MD & Sami Chadi, MD

The goals of this session are to provide the practicing surgeon with the latest updates in the evaluation and management of parastomal hernias. Topics include hernia prevention, repair techniques and management of the complicated recurrence. Session will conclude with an audience interactive case-based panel session.

At the conclusion of this session, attendees will be able to:
- Integrate the best available data into the prevention of parastomal hernia.
- Apply new strategies for the evaluation and management of parastomal hernia patients.
- Manage challenging parastomal hernia recurrences.
7:30 AM - 9:00 AM Scientific Session: SS10: Liver/Pancreas
Session Moderators: Felipe Jose Fernandez Coimbra, MD | Peter Muscarella II, MD

7:30 AM - 9:00 AM Scientific Session: SS11: Potpourri
Session Moderators: Colin Alex Martin, MD | Steve Eubanks, MD

7:30 AM - 9:00 AM Scientific Session: SS12: Healthcare Delivery and Economics
Session Moderators: Don J. Selzer, MD | Frederick L. Greene, MD

7:30 AM - 8:30 AM Colorectal Poster Quickshots
Session Moderators: Carrie Y. Peterson, MD | Elisabeth C. McLemore, MD
Non-CME

9:00 AM - 10:00 AM Keynote: Gerald Marks Lecture
Speaker: Andrew Kolodny, MD

Dr. Andrew Kolodny has been working on the opioid addiction epidemic for the past 16 years as clinician, researcher, public health official and advocate. He is the Medical Director of the Opioid Policy Research Collaborative at the Heller School for Social Policy and Management at Brandeis University and teaches at Columbia University's Mailman School of Public Health. He is also the executive director of Physicians for Responsible Opioid Prescribing, an organization with a mission to reduce morbidity and mortality caused by overprescribing of opioid analgesics.

Dr. Kolodny previously served as Chief Medical Officer for Phoenix House, a national nonprofit addiction treatment agency and Chair of Psychiatry at Maimonides Medical Center in New York City. Dr. Kolodny has a long-standing interest in public health. He began his career working for the New York City Department of Health and Mental Hygiene in the Office of the Executive Deputy Commissioner. For New York City, he helped develop and implement multiple programs to improve the health of New Yorkers and save lives, including city-wide buprenorphine programs, naloxone overdose prevention programs and emergency room-based screening, brief intervention and referral to treatment (SBIRT) programs for drug and alcohol misuse.

10:00 AM - 4:00 PM Exhibits / Learning Center / Video Sessions in Exhibit Hall

10:00 AM - 12:00 PM Motility from Soup to Nuts: How to Interpret and Manage Disorders
Session Chair: Hope Jackson, MD | Co-Chair: Amir Aryaie, MD

This session will provide an excellent review of the key elements to performing and interpreting manometry studies for the management of motility disorders and benign foregut disease. It will conclude with an analysis of common patient scenarios and input from our expert panel on management strategies.

At the conclusion of this session, attendees will be able to:
- Understand the basic principles of manometry.
- Interpret common manometry studies in patients with benign foregut disease and motility disorders based on the Chicago classification.
- Recognize how manometry and other adjunct studies are used to formulate management in patients with benign foregut disease and motility disorders.

10:00 AM Manometry 101: What is Manometry? Evolution, How it Works and How It’s Performed
Kyle Perry
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<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:12 AM</td>
<td>Manometry Report Interpretation: Essentials, Do’s and Don’ts</td>
<td>Roger Tatum</td>
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<td>10:24 AM</td>
<td>Role of Manometry in Patients with GERD</td>
<td>Ellen Morrow</td>
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<td>10:36 AM</td>
<td>Achalasia vs EGJ Outflow Obstruction: How Can Manometry Guide</td>
<td>Leena Khaitan</td>
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<td>Management?</td>
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<td>10:48 AM</td>
<td>Manometry &amp; Management for Other Motility Disorders: DES, Jack Hammer, Nutcracker</td>
<td>Katarina Greer</td>
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<td>11:00 AM</td>
<td>Minor Disorders of Peristalsis: Manometry Findings and Management</td>
<td>Emily Speer</td>
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<td>Strategies in Ineffective Motility and Fragmented Peristals</td>
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<tr>
<td>11:12 AM</td>
<td>The Role of Manometry Following Bariatric Surgery and Anti Reflux Surgery</td>
<td>Anna Ibele</td>
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<td>11:24 AM</td>
<td>Upper Esophageal Sphincter Disorders: Classic Manometry Findings</td>
<td>James Bittner</td>
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<td>and Management</td>
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<td>11:36 AM</td>
<td>Useful Adjunct Studies for Manometry Interpretation</td>
<td>Edward Auyang</td>
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<tr>
<td>11:48 AM</td>
<td>Expert Panel Opinion on Complex Cases</td>
<td>Hope Jackson</td>
</tr>
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**10:00 AM - 11:00 AM HPB Poster Quickshots**
*Session Moderators: Meelie Debroy, MD | Pankaj Jani, MD*

**10:00 AM - 12:00 PM Status of Opioids 2020: Aim – No Opioids**
*Session Chair: Tonia Young-Fadok, MD | Co-Chair: James Korndorffer, Jr, MD*  
*Moderator: Andrew Kolodny, MD*

This course will focus on multi-modality pain management with the aim of minimizing or obviating the use of intra-and postoperative opioids. We will emphasize interdisciplinary care between surgeon and anesthesiologist to optimize this approach, starting preoperatively and progressing through the continuum of care. The talks will be pithy and practical with information that can be readily utilized in practice.

At the conclusion of this session, attendees will be able to:
- **ADOPT and UTILIZE** a new abdominal wall block/ **IMPROVE** their existing wall block
- **EMBED** pre-emptive pain medications into pre-operative electronic order sets
- **CHANGE** existing patterns of over-prescribing opioids at the time of discharge

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:00 AM</td>
<td>Introduction: Setting the Stage</td>
<td>James Korndorffer, Jr</td>
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<tr>
<td>10:02 AM</td>
<td>Keynote Speaker: Opioid Litigation in Ohio</td>
<td>TBD</td>
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<tr>
<td>10:11 AM</td>
<td>Patient Education – Setting Expectations</td>
<td>Marylise Boutros</td>
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<tr>
<td>10:20 AM</td>
<td>Pre-op Cocktails and 5 1/2</td>
<td>Amanda Hayden</td>
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<td>10:29 AM</td>
<td>Block Receptors Before Incision: Infusions</td>
<td>Lopa Misra</td>
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<td>10:38 AM</td>
<td>The Role of Spinals vs Epidurals: When and Who</td>
<td>Ryan Craner</td>
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<td>10:47 AM</td>
<td>Anatomy of the Abdominal Wall and Why Your Blocks Aren’t Working</td>
<td>Patrick Hange</td>
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<tr>
<td>10:56 AM</td>
<td>Opioid-Free Bariatric Surgery</td>
<td>Yulia Zak</td>
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<tr>
<td>11:05 AM</td>
<td>Post-op Infusions: Practice Approval and Management of Ketamine on the Floor</td>
<td>Gina Adrales</td>
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<td>11:14 AM</td>
<td>Dealing Post-op with the Pre-op Narcotic Addict/Abuser/User</td>
<td>Brooke Gurland</td>
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<tr>
<td>11:23 AM</td>
<td>Non-Pharmacological Pain Relievers: Music, Aromatherapy, Hypnotherapy, etc.</td>
<td>Sarah Billmeier</td>
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<tr>
<td>11:32 AM</td>
<td>Discharge Prescriptions: # of Days vs # of Pills - Mandatory State Monitoring of Narcotic Prescriptions</td>
<td>James Korndorffer, Jr</td>
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<td>11:41 AM</td>
<td>Panel Discussion</td>
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<td>11:50 AM</td>
<td>Summary of Session: Lessons Learned</td>
<td>Tonia Young-Fadok</td>
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**10:00 AM - 12:00 PM A Nightmare on CRS Street: Whatever You Do, Don’t Fall Asleep**
*Session Chair: Elisabeth McLemore, MD | Co-Chair: Srinivas Ivatury, MD*

The surgical management of complex colon and rectal diseases including re-operative surgical approaches and minimally invasive techniques will be presented by experts in the field of colon and rectal surgery. Participants will benefit and enjoy the wide range of disease processes, minimally invasive management techniques employed, as well as two complex case presentation sessions with panel discussion.

At the conclusion of this session, attendees will be able to:
- **Identify** complex colorectal disease conditions and become more familiar with minimally invasive treatment options for a variety of complex colorectal surgical cases.
● Employ new strategies to treat complex colorectal disease conditions including diverticular disease with fistula, inflammatory bowel disease, intracorporeal anastomosis, and re-operative colorectal surgery.

● Prepare to identify areas of additional training and/or implement improvements into their own programs if already proficient at advanced minimally invasive techniques.

10:00 AM  Bad Connections: Colovesical, Colocutaneous & Vaginal Fistula due to Diverticular Disease  
           Daniel Popowich

10:10 AM  Extending Your Reach: Extended Right & Left Segmental Colectomy, 
          Mesenteric Division, & Intracorporeal Anastomosis  
          Alexis Grucela

10:20 AM  TAMIS - Challenging Rectal Conditions Conquered with Transanal 
          Endoluminal Surgery  
          Teresa deBeche-Adams

10:30 AM  Breakdowns: Intraoperative and Postoperative Anastomotic Leaks  
           Elizabeth Raskin

10:40 AM  Complex Colorectal Surgery Case Presentations & Panel Discussion  
           Srinivas Ivatury

11:00 AM  Hot Mess Re-Operative Surgery for IBD  
          Karen Zaghiyan

11:10 AM  Recurring Nightmares: Re-operative Colorectal Surgery for Diverticular 
          Disease in Patients with Prior Sigmoidectomy for Diverticulitis  
          Joshua Tyler

11:20 AM  Bottoms Up: Re-Operative Pelvic Surgery Using the taTME Technique  
          Patricia Sylla

11:30 AM  Doom & Gloom: Re-Operative Surgery for Colorectal Cancer  
          Mark Whiteford

11:40 AM  Re-Operative Case Presentations & Panel Discussion  
          Elisabeth McLemore

10:00 AM - 12:00 PM In Search of the Magic Weight Loss Procedure: Current and Evolving Endoscopic Procedures for Weight Loss

Session Chair: Bryan Sandler, MD | Co-Chair: Racquel Bueno, MD

Obesity remains a growing issue in the United States, yet bariatric surgery volumes have remained stagnant. Endoscopic therapies are an evolving topic and this session will focus on current endoscopic procedures for weight loss, their outcomes, complications, and who are the best patients for these novel procedures. Surgeons, gastroenterologists, and medical providers who care for bariatric patients and those interested in incorporating these procedures into their practice should consider attending this session to be brought up to date on this exciting topic.

At the conclusion of this session, attendees will be able to:

● Describe indications for endoscopic weight loss procedures.

● Evaluate best practices for endoscopic bariatric procedures and integrate these novel endoscopic bariatric therapeutics into their bariatric practice.

● Identify complications from these bariatric procedures and how to best manage them.

10:00 AM  The European Endobarrier Experience  
           Nicole Bouvy

10:18 AM  The Role of Endoscopic Sleeve Gastroplasty in Weight Loss  
           Erik Wilson

10:36 AM  Intra-Gastric Balloon Systems as an Obesity Treatment Option - Where Are We Now?  
           Aurora Pryor

10:54 AM  Aspiration Therapy for the Treatment of Morbid Obesity  
           Shelby Sullivan

11:12 AM  Successful Introduction of Endoscopic Bariatric Therapies into Your Practice - Where to Begin?  
           Marina Kurian

11:30 AM  The Trans-pyloric Shuffle Update  
           Santiago Horgan

11:48 AM  Q&A

10:00 AM - 12:00 PM Mesh from Soup to Nuts

Session Chair: Brent Matthews, MD | Co-Chair: Meredith Duke, MD

Hernia repair represents one of the most common conditions managed by a general surgeon. Any surgeon providing elective, urgent or emergency surgical care for inguinal, ventral or incisional hernias needs to be familiar with the biomaterials available as often the decision of which mesh to use is based on several multiple factors such as the type of procedure being performed, the CDC wound classification, desired characteristics of the mesh to optimize patient outcomes or the products available to the surgeon based upon hospital material contracts. This session will guide surgeons to make informed choices about biomaterial for hernia repair that are most appropriate for their patients.

At the conclusion of this session, attendees will be able to:

● Describe mesh structure and properties that differentiate biomaterials.

● Distinguish between permanent synthetic, tissue-separating, absorbable synthetic, and biologic meshes for optimal selection during hernia repair.

● Recognize clinical scenarios that limit the performance of biomaterials based on mesh structure and design.
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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>10:00 AM</td>
<td>Introduction</td>
<td>Meredith Duke</td>
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<tr>
<td>10:05 AM</td>
<td>Design Structures and Properties of Biomaterials</td>
<td>Corey Deeken</td>
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<td>10:20 AM</td>
<td>Development of a Novel Package Label for Hernia Mesh</td>
<td>Jeffrey Blatnik</td>
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<td>10:30 AM</td>
<td>FDA Approval Process for Biomaterials</td>
<td>Sara Holden</td>
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<td>10:40 AM</td>
<td>Permanent Synthetic Mesh</td>
<td>Arielle Perez</td>
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<td>10:50 AM</td>
<td>Tissue Separating Mesh</td>
<td>Nicolas Cetrulo</td>
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<tr>
<td>11:00 AM</td>
<td>Absorbable Synthetic Mesh</td>
<td>Ajita Prabhu</td>
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<td>11:10 AM</td>
<td>Biologic Mesh</td>
<td>Vedra Augenstein</td>
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<td>11:20 AM</td>
<td>Limitations of Biomaterials: An Evidence-based Assessment</td>
<td>Brent Matthews</td>
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<td>11:35 AM</td>
<td>Post-market Surveillance of Biomaterials</td>
<td>Benjamin Poulose</td>
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<tr>
<td>11:50 AM</td>
<td>Hernia Mesh Session Visual Abstracts</td>
<td>Meredith Duke</td>
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</tbody>
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### 10:00 AM - 12:00 PM Exhibit Hall Theater Session I
**Non-CME**

*Session Moderators: Alberto R. Ferreres, MD | Desmond H. Birkett, MD*

### 10:00 AM - 12:00 PM Emerging Technology Session
**Non-CME**

*Session Chair: Ankit D.Patel, MD | Co-Chair: Dmitry Oleynikov, MD*

### 11:00 AM - 5:00 PM Hands-On Course: New Technologies in Endoscopy
**Non-CME**

*Session Chair: Mujahid Abbas, MD | Co-Chair: Ezra Teitelbaum, MD*

This is a hands-on course session that focuses on techniques in surgical endoscopy applicable to the general surgeon who endoscopically manages surgical problems. Attendees will have the opportunity to use devices and learn innovative endoscopic techniques to manage surgical problems. Primary bariatric and endoluminal antireflux procedures will be available. Endoscopic procedures for Barrett’s will also be demonstrated. Attendees will rotate through various stations over the course of the session to learn various current technologies available in surgical, endoluminal foregut, and bariatric endoscopy.

At the conclusion of this session, attendees will be able to:

- Apply knowledge learned in didactic course to performance of endoscopic suturing for weight loss in an explant model.
- Employ endoscopic strategies to manage leaks after foregut surgery including stenting, clipping and suturing.
- Learn to integrate Primary weight loss devices by getting hands on experience.
- Learn endoluminal antireflux technologies (stretta, TIF)
- Learn endoscopic procedures for Barrett’s (EMR, Barrx, cryoablation)

*Lab Instructors: Amir Aryaie, Amitabh Chak, Bipan Chand, Salvatore Docimo, Eleanor Fung, Glen Ihde, Daanish Kazi, Matthew Kroh, Dean Mikami, Eric Pauli, Rachel Moore, Sabrina Nonia, John Rodriguez, Cynthia Weber*

11:00 AM Introduction
11:05 AM Hands-On Course

### 11:00 AM - 12:00 PM Bariatric Poster Quickshots
**Non-CME**

*Session Moderators: Brandon T. Grover, MD | Subhash Khanna, MD*

### 12:00 PM - 1:30 PM Educators Session: Strategies for Increasing Resident and Fellow Autonomy in Training
**Non-CME**

*Session Chair: Juliane Bingener-Casey, MD | Co-Chair: Robert Josloff, MD*

**Moderator: Jaap Bonjer, MD**

Residents and fellows need to experience operative autonomy to become competent and confident graduates. Trainees regard the lack of autonomy as a major driver of resident burnout. (Zubairi AJ, Noordin S. Factors associated with burnout among residents in a developing country. Ann Med Surg (Lond). 2016;6:60-63) Resident autonomy is constraint by a multitude of factors: increased scrutiny regarding trainee competence, case volumes and complexity, patient perceptions, disconnect between resident and attending surgeon views of autonomy, financial pressures, legal concerns, patient outcomes, regulatory frameworks and generational changes in learning styles.

This session explores the attitudes of patients, learners and faculty regarding resident and fellow autonomy and discusses tools and pathways to safely bestow operative autonomy on learners. We will discuss how technology can be leveraged to
enhance operative autonomy, and how changing operative technology may help or hinder the learners’ quest for autonomy. Tools for deliberate planning of increased autonomy for patient care in and out of the operating room and how to recognize and address hidden obstacles will be presented.

At the conclusion of this session, attendees will be able to:
- Convey examples of appropriate progression in resident and fellow autonomy in the OR.
- Recognize confounders and limitations of that progression.
- Evaluate tools to measure and improve progress in learner autonomy.

12:00 PM Introduction
Juliane Bingener-Casey

12:01 PM Audience Perspective on Resident Autonomy
Robert Josloff

12:05 PM How do Perceptions of Autonomy Differ in General Surgery Training Between Faculty, Senior Residents, Hospital Administrators, and the General Public?
Jason Kempenich

12:15 PM Resident Run Services, Educational Time out, BID Teaching - What Works?
Kristen Noonen

12:27 PM Autonomy in the Age of Robotics – Opportunities and Threats
Pedro Gomez

12:39 PM The Role of Simulation Both Locally and Remotely in Education and Training
Allan Okrainec

1:03 PM SIMPL, Zwisch – Can Performance Measurement Technology Enhance Autonomy in the Operating Room?
Carla Pugh

1:15 PM Q&A

1:25 PM Summary and Close
Juliane Bingener-Casey

12:00 PM - 1:30 PM Free Eat & Greet Lunch in the Exhibit Hall for All Attendees
Enjoy free lunch while you explore latest products and technologies offered by our exhibits.

12:15 PM - 1:15 PM Industry Education Session
Non-CME

1:30 PM - 3:30 PM GERD and Bariatric Surgery: Prevention and Management
Session Chair: Peter Nau, MD | Co-Chair: Saniea Majid, MD

Gastroesophageal reflux disease in the setting of obesity is an increasingly common issue faced by the foregut and bariatric surgeon. There is no consensus on how to define and appropriately evaluate the problem. There is also controversy as to the most appropriate primary operation in this population as well as what revisional operations which should be offered. This session seeks to identify best practices for this unique population based on the available literature and expert opinion.

At the conclusion of this session, attendees will be able to:
- Describe the pathophysiology of GERD in an obese population.
- Use the appropriate work-up of GERD in the setting of concomitant obesity.
- Describe the surgical options for patients who have GERD and obesity.
- Surgical management of reflux after bariatric surgery.

1:30 PM What’s the Appropriate Work-Up for GERD Prior to Surgery in an Obese Population?
Laura Doyon

1:45 PM What is the Gold Standard Operation for Reflux in an Obese Population?
Denise Gee

2:00 PM To Wrap or Not to Wrap in an Obese Population?
Bradley Needleman

2:15 PM The Ideal Sleeve Gastrectomy - How to Prevent Post-Sleeve Reflux
Jon Thompson

2:30 PM Alternatives to the Standard Sleeve in the Obese Who is Not a Candidate for Bypass
Jorge Daes

2:45 PM What to Do with Reflux After the Primary Bariatric Surgery
Anna Ibele

3:00 PM Q&A
Newer techniques have evolved that enable us to perform advanced procedures with less trauma to our patients. Just as our knowledge of disease processes continues to evolve, so have our care strategies. This session highlights treatment options embracing less radical operations to gain the same clinical endpoint. The focus is on the selective utilization, decision making processes as well as techniques. Those that will find this of interest include the entire surgical community, interested students to experts in the field.

At the conclusion of this session, attendees will be able to:

- Identify risk factors that exist for the developing debility in the GI cancer patient. At the conclusion of the session participants will be able to list strategies to optimize their patients for their cancer care and cancer surgery.
- Colon and rectal surgery carry high morbidity even in the most expert hands. Endoscopic approaches for select problems offer optimal solutions. At the conclusion of the session participants will be able to formulate and implement advanced endoscopic management plans for these diseases.

1:30 PM - 3:30 PM  The Great Hernia Debate
Session Chair: Ajita Prabhu, MD | Co-Chair: Nathaniel Stoikes, MD

This session will inform some contemporary and controversial topics in the field of hernia repair, with expert opinion combined with evidence where available.

At the conclusion of this session, attendees will be able to:

- Describe the FDA Clearance process for 510K devices.
- Recognize pros and cons of using synthetic mesh in contaminated fields.
- Interpret current data regarding absorbable synthetic meshes.

1:30 PM - 3:30 PM  No Longer 'Back in My Day' - Surgery in the Millennial Era
Session Chair: Kate Lak, MD | Co-Chair: Farah Husain, MD

Surgical training and practice has changed significantly since the time of Halsted. Surgical trainees are subject to different methods of instruction and held to different standards than times past. Surgeons in practice are influenced by a vast array of new technology and modern methods of improving upon their skills. This session will provide surgeons with information on the current modern surgical environment and how to navigate the new challenges it imposes.

At the conclusion of this session, attendees will be able to:

- Identify the features of the modern surgical training environment and future directions for surgical resident and fellowship training programs.
- Identify methods for evaluating new technology for potential integration into practice.
- Assess the use of social media and advanced technology for management of challenging cases and technique improvement.
1:45 PM  FLS, FES, FUSE - Use of Proficiency Based Simulation Curricula in Surgical Training and for Those Already in Practice  
Daniel Scott

1:57 PM  Taking the Plunge into Practice - Challenges Facing New Surgeons  
January Hill

2:09 PM  How does the Practicing Surgeon Stay Current with Advances in Technology and Implement it into Practice?  
Nova Szoka

2:21 PM  Coaching and Tele-Mentoring—How Surgical Skill is Refined in the Modern Era  
Dimitrios Stefanidis

2:33 PM  Current Applications of the Robotic Platform in General and Bariatric Surgery  
Rana Higgins

2:45 PM  Facebook as a Forum for Surgeons  
Omar Ghanem

2:57 PM  Using Social Media in Practice  
Neil Floch

3:09 PM  What Does a Surgeon Look Like in 2020?  
Yalini Vigneswaran

3:19 PM  Q&A

1:30 PM - 3:30 PM  Residents & Fellows Session  
Session Chair: Maria Altieri, MD | Co-Chair: Amin Madani, MD

In this session, residents and fellows representing the next generation of SAGES members will present their best research to a panel of expert faculty. A selection of the top submitted abstracts will ensure top quality research with a broad range of current topics. After each presentation, expert panelists will rank each resident/fellow presenter with regards to study contents, significance in clinical surgery, originality, study designs/methodology, interpretation and analysis of study findings/results, appropriate use of statistical tests, and overall presentation skills (including slides, clarity of presentation, and audience engagement).

Awards will be given to two (2) top presenters at the conclusion of the session.

Expert Judges: Gerald Fried, Daniel Jones, Jaisa Olasky, Steven Schwartzberg, Patricia Sylla

1:30 PM - 4:00 PM  Exhibit Hall Theater Session II  
Session Moderators: Alfonso Torquati, MD | Eric Terrii Volckmann, MD  
Non-CME

1:30 PM - 2:30 PM  Scientific Session: SS14: Foregut Outcomes  
Session Moderators: John C. Lipham, MD | William O. Richards, MD

2:30 PM - 3:30 PM  Scientific Session: SS17: Foregut Endoscopy  
Session Moderators: Lee L. Swanstrom, MD | Prabhleen Chahal, MD

2:30 PM - 3:30 PM  Education/Misc Poster Quickshots  
Session Moderators: Gregory J. Mancini, MD | Kent R Van Sickle, MD  
Non-CME

3:30 PM - 4:00 PM  Refreshment Break/Happy 1/2 Hour in Exhibit Hall

4:00 PM - 5:30 PM  Minimally Invasive Pancreatic Surgery  
Session Chair: Melissa Ellen Hogg, MD | Co-Chair: Rohan Jeyarajah, MD

This session will report on the outcomes of the International Evidence Based Guidelines for Minimally Invasive Pancreas Resection (IG-MIPR). Speakers will discuss consensus statements, provide updates on the literature on a broad array of topics related to Minimally Invasive Pancreas Resection, and give personal accounts of technical and logistic tips and tricks from their HPB practice. Anyone who performs MIS HPB surgery or is interested in learning or developing a program should attend!

At the conclusion of this session, attendees will be able to:
- Evaluate the current literature as it pertains to MIS Pancreatic Resection.
- Recognize the barriers and limitations to setting up a MIS Pancreas Program and reporting outcomes after surgery.
- Integrate the best practices for safe Implementation of MIS Pancreatic Resection.
4:00 PM - 5:30 PM Managing Trauma with MIS Techniques
Session Chair: Vanessa Ho, MD | Co-Chair: Giovanni Dapri, MD

Trauma is the leading cause of death and disability for individuals between the ages of 1-45, and is the 4th leading cause of death overall. Trauma surgery is ubiquitous amongst general surgeons but is classically thought of as a “maximally invasive” specialty. In the modern day, general surgeons should understand when nonoperative or minimally invasive approaches can and should be utilized.

At the conclusion of this session, attendees will be able to:
- Identify patients who would be candidates for minimally invasive approaches.
- Apply minimally invasive techniques to penetrating and blunt trauma patients.
- Employ minimally invasive in specific populations such as the elderly, pregnant women, and children.

4:00 PM Introduction Vanessa Ho
4:05 PM When is it OK to be Less than Maximally Invasive in Trauma? Laura Kreiner
4:15 PM MIS for Hollow Abdominal Organs Giovanni Dapri
4:25 PM MIS for Abdominal Solid Organs Michael Cripps
4:35 PM MIS for Vascular Trauma Jennifer Watson
4:45 PM MIS for Thoracic Trauma Christopher Towe
4:55 PM MIS for Gynecologic Trauma Hector Mendez-Figueroa
5:05 PM MIS in Pediatric Trauma Hanna Alemayehu
5:15 PM Q&A/Closing Remarks Giovanni Dapri

4:00 PM - 5:30 PM Esophageal Cancer: Updates in MIS and Endoluminal Management
Session Chair: Kyle Perry, MD | Co-Chairs: Brian Louie, MD & Manisha Shende, MD

Surgical excision remains the only curative treatment for esophageal cancer and minimally invasive techniques have evolved to improve the surgical management of this condition. This session will address the cutting-edge management of esophageal cancer including management of perioperative nutrition, minimally invasive management of complex anastomotic leaks, the role of enhanced recovery pathways following minimally invasive esophagectomy, and surgical versus endoscopic management of early stage esophageal cancer.

At the conclusion of this session, attendees will be able to:
- Identify strategies to optimize patient nutrition prior to esophagectomy.
- Discuss endoscopic approaches to the management of complex esophagogastric anastomotic leaks.
- Assess the role of enhanced recovery pathways following esophagectomy.
- Optimize endoscopic and surgical care for patients with early stage esophageal cancer.

4:00 PM Management of Dysphagia and Nutrition Support Prior to Induction and Esophagectomy Anne Laliberte
4:15 PM Management of Difficult Anastomotic Leak - Case 1 Brian Louie
4:22 PM Management of Difficult Anastomotic Leak - Case 2 Merritt Robert
4:29 PM Management of Difficult Anastomotic Leak - Case 3 Michael Ujiki
4:36 PM Management of Difficult Anastomotic Leak - Panel Discussion
4:45 PM ERAS for Esophagectomy Debate - Pro Donald Low
4:55 PM ERAS for Esophagectomy Debate - Con Lorenzo Ferri
5:05 PM ERAS for Esophagectomy Debate - Rebuttal/Discussion Manisha Shende
5:15 PM Management of Stage T1b Esophageal Cancer: Current Role for Endoscopic Eradication Therapy vs Surgical Resection Steven DeMeester
Navigating the Long Road Ahead: Career Planning, Mastering the Fundamentals, and all that SAGES Has To Offer

Session Chair: Elizabeth Honigsberg, MD | Co-Chair: Christopher DuCoin, MD

The session applies to medical students, residents, fellows and junior attendings. Attendees will learn how to plan their career based on their clinical and professional interests (research, teaching, community practice) from medical school onward. The purpose and necessity of FLS, FES, and FUSE certification will be discussed. We will present the multitude of educational benefits SAGES has to offer, how to become active in SAGES, and an introduction to the SAGES certificate.

At the conclusion of this session, attendees will be able to:
- Create a career trajectory early and evaluate at each stage of training and/or early practice.
- Pursue FLS, FES, and FUSE certification.
- Plan for SAGES certification during fellowship.
- Utilize SAGES for professional development and networking and become active in the society.

4:00 PM - 5:30 PM  Navigating the Long Road Ahead: Career Planning, Mastering the Fundamentals, and all that SAGES Has To Offer

4:00 PM  I Want to Become a Surgeon - Now what?  Linda Zhang
4:12 PM  It's Never Too Early To Set Your Professional Goals (Even if They Change)  Jacob Greenberg
4:24 PM  How to (Really, Really) Succeed in Academia  Rebecca Petersen
4:36 PM  The Importance of FLS, FES (and FUSE) Beyond Training Requirements  Thadeus Trus
5:00 PM  What is the SAGES Certificate and How Do I Get One?  Vedra Augenstein
5:12 PM  What NOT to Do (And Any Other Questions): Ask the Experts

4:00 PM - 5:30 PM  Shark Tank

Session Chair: Michael Kochman, MD | Co-Chair: James Rosser Jr., MD

The Shark Tank forum is meant to be an opportunity for innovators and companies to be able to showcase non-marketed innovative ideas and concepts. This venue will allow for feedback from an expert panel of innovators, investors, and larger companies in a safe environment so concepts can get refined and pitches can reach maximum effectiveness.

4:00 PM - 5:00 PM  Hernia Poster Quickshots

Session Moderators: Emanuele Lo Menzo, MD | Kyle Lee Kleppe, MD

4:00 PM - 5:30 PM  Scientific Session: SS18: Education

Session Moderators: Robert K. Josloff, MD | Suvranu De, MD

5:30 PM - 7:00 PM  Industry Educational Events
Friday, April 3, 2020

7:30 AM - 5:30 PM  SAGES Scientific Sessions & Videos
Accepted Oral & Video Presentations

7:30 AM - 8:30 AM  My Device was Recalled! What Do I Do?
Non-CME
Session Chair: Denise Gee, MD | Co-Chair: Matthew Kroh, MD

Surgeons depend on various medical devices in the operating room that help make an operation more effective, more efficient, and/or safer for patients. A device can be recalled if it is defective, deemed to be a risk to patient health, or both. In these cases, surgeons have to identify a suitable alternative by coming up with creative strategies and solutions. This session will help explore the process of device recall and identify ways surgeons can overcome the subsequent challenges that arise.

At the conclusion of this session, attendees will be able to:

- Identify the causes and processes involved in medical/surgical device recall.
- Identify alternative surgical options and develop creative operative strategies once a device has been recalled.

7:30 AM  Corrections, Recalls, and Removals: What's the Difference for Practicing Surgeons?
Dmitry Oleynikov

7:40 AM  What Does it Mean When a Device is Recalled and What is the Recall Process
Herbert Lerner

7:50 AM  My Favorite Device is no Longer on the Shelf - What I Do as a Colorectal Surgeon
Patricia Sylla

8:00 AM  My Favorite Device is no Longer on the Shelf - What I Do as a Hernia Surgeon
Ajita Prabhu

8:10 AM  My Favorite Device is no Longer on the Shelf - What I Do as a Foregut/Bariatric Surgeon
Michael Awad

8:20 AM  Q&A

7:30 AM - 8:30 AM  Scientific Session: SS19: Flexible Endoscopy
Session Moderators: Greg V. Stiegmann, MD | Jeffrey L. Ponsky, MD

7:30 AM - 8:30 AM  Scientific Session: SS20: Hernia - Complex Abdominal Wall
Session Moderators: Caitlyn Dragon Lesh, MD | David B Earle, MD

7:30 AM - 8:30 AM  Scientific Session: SS21: Metabolic Bariatric Surgery
Session Moderators: Michel Vix, MD | Walter Pories, MD

7:30 AM - 8:30 AM  Scientific Session: SS22: Acute Care
Session Moderators: Arthur Lee Rawlings, MD | Phillip P. Shadduck, MD

7:30 AM - 8:30 AM  Scientific Session: SS23: Colorectal II
Session Moderators: Scott Russell Steele, MD | Timothy J. Ridolfi, MD

8:30 AM - 9:15 AM  Keynote: Presidential Address
Speaker: Aurora Pryor, MD, MBA

Dr. Aurora is Professor and Vice Chair of Surgery at Stony Brook. She grew up in Ann Arbor, Michigan and received her undergrad degree in engineering and her MD from Duke University. She completed her residency in General Surgery at Duke, followed by a fellowship in minimally invasive surgery. She was on the faculty at Duke from 2003-2011. While at Duke, she served as Co-Director of the Metabolic and Weight Loss Surgery Program at Duke and as Chief of General Surgery at Durham Regional Hospital. She was associate
director of the Duke residency and the Duke MIS/bariatric fellowship program director. Moving to New York in 2011, she now serves as Vice Chair of Surgery, Chief of Bariatric, Foregut and Advanced GI Surgery and Director of the Bariatric and Metabolic Weight Loss Center at Stony Brook. She is also director of the Advanced GI/MIS/Bariatric fellowship at Stony Brook. Her clinical practice includes bariatrics, general GI surgery, foregut and hernia.

Dr. Pryor is the President of SAGES and has been a SAGES member since early in her residency. She has also served as the SAGES Treasurer, Finance Chair, Membership Chair and the Research and Career Development Chair. She helped start a series of SAGES Career Development seminars and the SAGES Career development awards. She has also served on the Endolumenal Taskforce, NOSCAR Research Committee, I3 Taskforce, Program Committee, and the Resident Education Committee. She has served as the meeting video co-chair, poster chair and as the meeting Program Chair in 2015. She has also served as the SAGES Representative to the Fellowship Council from 2010-2016 and now serves as the SAGES Representative to the General Surgery Board for the American Board of Surgery.

In addition to her work at SAGES, Dr. Pryor has been actively involved in several other surgical societies. She served the ASMBS on the Program and Emerging Technology committees, both of which she eventually served on as Chair. She served on the Executive Council of the ASMBS as a Council person at Large from 2014-2017. In that role, she provided oversight for Emerging Technologies, Membership, and the Obesity Prevention committees. She is also the NY ASMBS chapter President-elect. She has been active in the Fellowship Council Board where she served as Secretary/Treasurer, First and Second Vice-President and is now President-Elect. She is an Associate Editor for Surgery for Obesity and Related Diseases, has served as Subject Editor for Surgical Endoscopy and serves on the editorial boards of Annals of Surgery and Bariatric Times.

Dr. Pryor’s work has appeared in more than 150 publications, and she has co-edited four books. She has given more than 250 presentations worldwide, has received a number of research grants and holds patents for several surgical technologies, including the Transenterix SPIDER single port system. Her current research efforts focus on advancing laparoscopic bariatric and GI surgery techniques and outcomes, and on new technology in surgery. Her clinical care focuses on individualized treatment options of patients with gastroesophageal diseases, obesity and hernia. She offers a range of laparoscopic, endoscopic and traditional surgical approaches. She has actively engaged in several FDA trials and offers the latest available treatment options to her patients.

9:15 AM - 10:00 AM Keynote: Karl Storz Lecture
Speaker: Silvana Perretta, MD
Dr. Silvana Perretta is a consultant digestive, upper gastro-intestinal surgeon, Director of the NHC University Esophageal Motility Laboratory in Strasbourg, France, Director of IRCAD-IHU education, Director of the Business Engineering & Surgical Technologies (BEST) Biodesign program since 2011 and of the IRCAD-IHU Surgical Endoscopy fellowship since 2014. Her fields of interest are upper gastro-intestinal surgery, gastro-intestinal physiology, bariatric surgery, interventional endoscopy, surgical education and innovation. Dr Perretta has been a pioneer in the development of Natural Orifice Transluminal Endoscopic Surgery (NOTES), hybrid surgical endoscopy procedures and MOOC-oriented medical education worldwide.

10:00 AM - 4:00 PM Exhibits / Learning Center / Video Sessions in Exhibit Hall

10:00 AM - 10:30 AM Refreshment Break/Morning Mimosas in Exhibit Hall

10:30 AM - 12:00 PM Scientific Session: Best Papers I
10:30 AM - 12:00 PM All About Innovation: Surgical Inventions from the Garage to the Fortune 500  Non-CME  
Session Chair: Daniel Herron, MD | Co-Chairs: Nova Szoka, MD & Paresh Shah, MD

Surgical innovation can occur in a wide variety of environments. While some surgical devices are developed in a garage or basement, a tremendous amount of development occurs in academic settings and large corporations. How do these varied environments impact the innovation process? In this session we will hear from surgical innovation experts who have on-the-ground experience in each of these settings. What challenges does the surgeon/inventor face in creating a new tool or process? How do prototypes develop into marketable products? What determines whether the final result will succeed or fail? In this interactive session you will hear from experienced surgical innovators from extremely diverse backgrounds and environments and learn what makes for successful surgical innovation and product launch.

At the conclusion of this session, attendees will be able to:

- Articulate challenges faced by surgical innovators in an academic environment.
- Convey different approaches to maintain innovation over the long term.
- Recognize the particular challenges faced by the solo inventor working 'out of the garage'.

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:30 AM</td>
<td>Innovation in an Academic Environment: The Stanford Biodesign Program</td>
<td>Dan Azagury</td>
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<tr>
<td>10:45 AM</td>
<td>Innovation from Corporate America: Benefits and Challenges of Innovating from Within a Fortune 500 Corporation</td>
<td>Gretchen Purcell-Jackson</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Innovation from the Garage: What Challenges Does the Solo Surgical Inventor Face in Developing and Marketing a New Idea?</td>
<td>Daniel Sherwinter</td>
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<tr>
<td>11:30 AM</td>
<td>Update on the Next Big Thing</td>
<td>Rebecca Petersen</td>
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10:30 AM - 12:00 PM Which Endoscopic Reflux Procedure Should I Offer my Patient?  Non-CME  
Session Chair: Heidi Miller, MD | Co-Chair: Carlos Galvani, MD

The last decade has witnessed the fall and rise of many endoscopic devices for the treatment of GERD. In this session, general and foregut surgeons will learn the current endoscopic anti-reflux therapies and available evidence for their role in the management of GERD.

At the conclusion of this session, attendees will be able to:

- Identify indications for current endoscopic anti-reflux therapies.
- Compare different endoscopic anti-reflux therapies and their outcomes.
- Recognize the challenges associated with implementation of endoscopic antireflux therapies.

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:30 AM</td>
<td>What is Left of Endoscopic Antireflux Procedures? An Overview</td>
<td>Caitlin Houghton</td>
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<tr>
<td>10:38 AM</td>
<td>Is the ELF (Endo-Luminal Fundoplication) on the Shelf? The Evolution of TIF (TRANSORAL INCISIONLESS FUNDOPPLICATION)</td>
<td>Glenn Ihde</td>
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<tr>
<td>10:50 AM</td>
<td>Is the ELF (Endo-Luminal Fundoplication) on the Shelf? The MUSE (Medigus Ultrasonic Surgical Endostapler)</td>
<td>Ryan Broderick</td>
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<td>11:02 AM</td>
<td>The Rise, the Fall, and the Rise: Stretta</td>
<td>Maher El Chaar</td>
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<tr>
<td>11:14 AM</td>
<td>Is There a Need for Specialized Privileging and Training?</td>
<td>Meredith Duke</td>
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<tr>
<td>11:26 AM</td>
<td>How Does the Wrap Lie for Reimbursement? Financial Considerations</td>
<td>Frederick Brody</td>
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<tr>
<td>11:38 AM</td>
<td>Should I Offer my Patient an Endoscopic Reflux Procedure? The Pros and the Cons</td>
<td>Steven Leeds</td>
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<td>11:50 AM</td>
<td>Q&amp;A</td>
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10:00 AM - 12:00 PM Exhibit Hall Theater Session III  Non-CME
Session Moderators: Daanish A. Kazi, MD | Vishal Mayur Kothari, MD

10:30 AM - 12:00 PM Scientific Session: Best Papers I  Non-CME
Session Moderators: Aurora Dawn Pryor, MD | Manabu Yamamoto, MD
12:00 PM - 1:30 PM  SAGES Stories: Challenging Bariatric Problems You’re Glad Weren’t Yours to Solve
Session Chair: Steven Schwartzberg, MD | Co-Chairs: David Rattner, MD & Christopher Schlachta, MD

SAGES Stories Continue for a Fourth Year!  Master surgeons train for 3 month in order to become Master storytellers. They tell the tale of some of their most challenging cases. These stories highlight the complexity of a challenge found in the care of the bariatric patient. Stories will be told in a talk show format with opportunities of the hosts as well as the audience to include the speakers.  You will be both educated and entertained.

At the conclusion of this session, attendees will be able to:
- Prepare to employ an endoscopic management plan in order to treat suitable complex bariatric complications.
- Formulate a care plan for patients who develop cancer or precancer following bariatric procedures.
- Organize strategy in patients with failed bariatric procedures who present massive hernia.

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<tbody>
<tr>
<td>12:00 PM</td>
<td>Introduction to SAGES Stories</td>
<td>Steven Schwartzberg</td>
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<tr>
<td>12:03 PM</td>
<td>Doing It from the Inside</td>
<td>Bruce Schirmer</td>
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<tr>
<td>12:18 PM</td>
<td>Q&amp;A</td>
<td>Christopher Schlachta</td>
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<tr>
<td>12:32 PM</td>
<td>Big Hernia, Big Patient, Big Problem After a Failed Bypass</td>
<td>Janey Pratt</td>
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<tr>
<td>12:47 PM</td>
<td>Q&amp;A</td>
<td>David Rattner</td>
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<tr>
<td>1:01 PM</td>
<td>What Are My Choices if My Patient Develops Barret’s or Cancer?</td>
<td>Brant Oelschlager</td>
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<tr>
<td>1:16 PM</td>
<td>Q&amp;A</td>
<td>Steven Schwartzberg</td>
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12:00 PM - 1:30 PM  Free Eat & Greet Lunch in the Exhibit Hall for All Attendees
Enjoy free lunch while you explore latest products and technologies offered by our exhibits.

12:15 PM - 1:15 PM  Industry Education Session  Non-CME

1:30 PM - 4:30 PM  Artificial Intelligence: Changing How We Practice Surgery  Non-CME
Session Chair: Ozanan Meireles, MD | Co-Chairs: Dan Azagury, MD & Talar Tejarian, MD

It is undeniable that Artificial Intelligence (AI) will be an integral part of surgery and healthcare in general.  This session is designed by surgeons for surgeons, to introduce us to AI basics and beyond. Surgeons in all practice settings will find immense value in the informative talks given by academic experts and industry leaders. Attending the entire session from beginning to end, will keep you up to date on how our lives as surgeons will be altered and improved due to AI innovations.

At the conclusion of this session, attendees will be able to:
- Introduce artificial intelligence basic concepts and its current applications in medicine and surgery to the practicing physician.
- Provide a thorough overview of the AI disruptive possibilities that might change the way surgery will be practice in the near future.

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:30 PM</td>
<td>Introduction</td>
<td>Oznan Meireles</td>
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<tr>
<td>1:35 PM</td>
<td>Al 101 (Machine Learning and Deep Learning) - Introduction to the Concept, Technologies, Implications and Examples</td>
<td>Anna Goldenberg</td>
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<tr>
<td>1:55 PM</td>
<td>Natural Language Processing</td>
<td>Frank Rudzicz</td>
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<tr>
<td>2:10 PM</td>
<td>Computer Vision</td>
<td>Fei-fei Li</td>
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<tr>
<td>2:25 PM</td>
<td>Panel with Q&amp;A</td>
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<tr>
<td>2:45 PM</td>
<td>Break</td>
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<tr>
<td>2:55 PM</td>
<td>What is DATA? (Collection, Security, and Ownership)</td>
<td>Osmar Zaiane</td>
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<tr>
<td>3:10 PM</td>
<td>Current Applications of AI in Surgery</td>
<td>Daniel Hashimoto</td>
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<tr>
<td>3:25 PM</td>
<td>Ethics - The Benevolence Principle and Accountability (Human vs Machine)</td>
<td>Aimee Wynsberghe</td>
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<tr>
<td>3:40 PM</td>
<td>Preparing for a Cognitive Revolution - The Shift in Workflow and Workforce: Humans, Robots, and Computers Synergy</td>
<td>Gill Pratt</td>
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<tr>
<td>4:00 PM</td>
<td>Panel with Q&amp;A: Disruptive Technologies; Can AI Technologies Reinvent Healthcare? Legal and Regulatory Implications (FDA, Hospitals, Societies); Standards and Benchmarks for AI Methods</td>
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**1:30 PM - 3:30 PM  Masters Colorectal: MIS Approaches to the Rectum**  
*Session Chair: Tracy Hull, MD | Co-Chair: Todd Francone, MD*

This session is designed for practicing surgeons performing proctectomy for benign and malignant conditions and who wish to progress from competency to proficiency and even mastery in their operative technique and optimize outcomes of minimally invasive proctectomy. Preoperative planning, patient preparation, and operative planning for multi-port and robotic-assisted laparoscopy will be reviewed. The various approaches to the mesentry and techniques to mobilize the bowel will be illustrated through video-based case presentations, focusing on sequential operative steps including set-up/exposure, dissection, anastomosis, and specimen retrieval. More advanced techniques will be reviewed including endoscopic submucosal dissection (ESD), robotic and taTME for malignancy, intracorporeal anastomotic techniques, and overcoming the unique challenges such as visceral obesity. The session will utilize a new format of video-based learning with unedited videos on display and "live" commentary from the expert surgeons.

At the conclusion of this session, attendees will be able to:
- Apply standard oncologic principles during the performance of MIS proctectomy for malignancy and implement techniques to optimize the adequacy of oncologic resections.
- Implement the essential operative steps required to perform safe and effective MIS proctectomy for benign and malignant disease, and develop competency with various strategies to optimize access, exposure, TME dissection, specimen extraction and anastomosis.
- Demonstrate the technical skills required to implement various MIS approaches and techniques during proctectomy and recognize the challenges encountered while progressing from competency, proficiency and mastery.

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<tr>
<td>1:30 PM</td>
<td>Introduction</td>
<td>Tracy Hull</td>
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<tr>
<td>1:35 PM</td>
<td>Beyond the Horizon: Robotic TME vs taTME in the Deep Pelvis - Why the Robotic Approach is Best</td>
<td>Vincent Obias</td>
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<td>1:40 PM</td>
<td>Beyond the Horizon: Robotic TME vs taTME in the Deep Pelvis - Why the taTME Approach is Best</td>
<td>Patricia Sylla</td>
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<tr>
<td>1:45 PM</td>
<td>Pre-recorded ‘Live’ Surgery: Robotic TME vs taTME in the Deep Pelvis</td>
<td>Patricia Sylla, Vincent Obias</td>
</tr>
<tr>
<td>2:35 PM</td>
<td>Preservation of the Rectum: Local Excision vs ESD- Why Local Excision is Best</td>
<td>Dana Sands</td>
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<tr>
<td>2:40 PM</td>
<td>Preservation of the Rectum: Local Excision vs ESD- Why ESD is the Best Approach</td>
<td>Emre Gorgun, Mark Wulkan</td>
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<tr>
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<td>Pre-recorded ‘Live’ Surgery: Robotic TME vs taTME in the Deep Pelvis</td>
<td>Emre Gorgun, Dana Sands</td>
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**1:30 PM - 3:00 PM  Adolescent Weight Loss Surgery - How to Get Them Through College**  
*Session Chair: Danielle Walsh, MD | Co-Chair: Stefan Schölz, MD  
Moderator: Kazunori Kasama, MD*

Adolescents are the fastest growing population of candidates for bariatric surgery and studies strongly support application of surgery to management of obesity in teens. With few pediatric surgeons trained in the procedure, these patients often seek treatment with adult bariatric surgeons. Learn more about the unique needs of these patients to optimize success in these patients!

At the conclusion of this session, attendees will be able to:
- Describe the indications and patient selection for adolescent bariatric surgery.
- Evaluate the efficacy and outcomes of obesity treatments in the adolescent population.
- Plan the effective development of an adolescent bariatric surgery program meeting ASMBS standards.

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<td>1:30 PM</td>
<td>Introduction</td>
<td>Danielle Walsh</td>
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<tr>
<td>1:35 PM</td>
<td>Adolescent Guidelines - Indications and Patient Selection</td>
<td>Janey Pratt</td>
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<td>1:50 PM</td>
<td>Procedure Selection and Outcomes</td>
<td>Carroll Mac Harmon</td>
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<td>2:10 PM</td>
<td>Building your Program - Within an Adult Program</td>
<td>Dana Portenier</td>
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<tr>
<td>2:20 PM</td>
<td>Building your Program - Within a Children’s Hospital</td>
<td>Mark Wulkan</td>
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<td>2:30 PM</td>
<td>Case Examples - How to Get Them Through College</td>
<td>Tammy Kindel</td>
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<td>2:50 PM</td>
<td>Q&amp;A</td>
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Laparoscopic liver resection has evolved over the past decade. Current advances include MIS anatomic segmental resections, major hepatectomy, donor hepatectomy, and robotic liver resection. This session will provide an overview of laparoscopic hepatectomy designed for HPB and GI surgeons.

At the conclusion of this session, attendees will be able to:
- Describe indications, techniques, and learning curve of laparoscopic liver resection.
- Assess current long-term outcomes of laparoscopic liver resection for HCC and CRLM.
- Discuss the role of robotic liver resection and donor hepatectomy.

1:30 PM - 3:30 PM Masters Biliary - SAGES/ILLS: Liver Resection
Session Chair: David Geller, MD | Co-Chairs: Cristina Ferrone, MD & Horacio Asbun, MD

1:30 PM - 4:00 PM The Great Foregut Debate
Session Chair: Jon Gould, MD | Co-Chairs: Emily Speer, MD & Ruchir Puri, MD

1:30 PM - 3:30 PM Masters Biliary - SAGES/ILLS: Liver Resection
Session Chair: David Geller, MD | Co-Chairs: Cristina Ferrone, MD & Horacio Asbun, MD

1:30 PM - 4:00 PM The Great Foregut Debate
Session Chair: Jon Gould, MD | Co-Chairs: Emily Speer, MD & Ruchir Puri, MD
1:30 PM - 3:00 PM    Scientific Session: SS26: Masterpiece Theater  
*Session Moderators: Diya I. Alaedeen, MD | Spencer E. Amory, MD*

1:30 PM - 4:00 PM    Exhibit Hall Theater Session IV  
*Session Moderators: Diego R. Camacho, MD | Simon Bergman, MD*  
**Non-CME**

3:00 PM - 5:30 PM    Complex Cases from the SAGES Masters Program Facebook Collaboratives  
*Session Chair: Melissa Chang, MD | Co-Chair: Anna Ibele, MD*

The SAGES Masters Program Facebook Collaboratives provide an international platform for surgeons interested in optimizing outcomes in their respective surgical specialties to share and collaborate. Using this forum, we can more effectively and transparently obtain immediate global feedback, with the potential to improve patient outcomes and the quality of care we provide in a more real time basis. In this session, we have invited speakers from each collaborative to share their cases and present the highlights in workup, treatment, and outcomes.

Come join us to discover the benefits of a Facebook consult.

At the conclusion of this session, attendees will be able to:

- Describe the SAGES vision for the Facebook Masters Collaboratives.
- Determine the scope and breadth of the collaboratives and how to join.
- Identify the benefits of participating in these collaboratives to help enhance personal and group practice.

3:00 PM - 4:00 PM    Scientific Session: SS28: How I Do It Videos  
*Session Moderators: Elie Isaya Chouillard, MD | Fredrick J. Brody, MD*

3:00 PM - 5:30 PM    Masters Hernia: Approach to Complex Abdominal Wall Hernia  
*Session Chair: Dana Telem, MD | Co-Chair: Benjamin Poulose, MD*

This course will describe various techniques to approach complex retromuscular hernia repair and flank hernias. It is geared for surgeons in practice who repair complex abdominal wall hernia.

At the conclusion of this session, attendees will be able to:

- Describe various techniques for retromuscular hernia repair.
- Identify management options for patients with complex flank hernia.
- Learn nuanced techniques for complex abdominal wall hernia.

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**SAGE 2020**

**APRIL 1-4, 2020**

**HUNTINGTON CONVENTION CENTER**

**CLEVELAND, OHIO**

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**Page 27**
4:20 PM Pre-Recorded ‘Live’ Surgery: Approach to Flank Hernia: Preperitoneal Eric Pauli
4:20 PM Pre-Recorded ‘Live’ Surgery: Approach to Flank Hernia: MIS Jorge Daes
5:05 PM Panel Discussion

3:30 PM - 5:30 PM SAGES/AHPBA: Challenging Bile Duct Injuries - A Historical to Contemporary Perspective and Opportunities for Change
Session Chair: L. Michael Brunt, MD | Co-Chairs: Eugene Ceppa, MD & Alice Wei, MD

Cholecystectomy is one of the most common surgical procedures performed worldwide. While the vast majority of patients have a quick and uneventful recovery, bile duct injuries (BDI) still occur at a rate higher than in the era of open cholecystectomy. This session will provide a historical perspective on laparoscopic cholecystectomy and the problem of BDI and will review safe strategies for prevention that includes recently published guidelines from the multi-society consensus conference. The outcomes and consequences for patients and surgeons will be presented along with a video panel presentation of BDI cases.

At the conclusion of this session, attendees will be able to:
● Recognize the historical impact of laparoscopic cholecystectomy and the extent of the BDI problem.
● Use best practices for safe cholecystectomy and apply consensus guideline recommendations.
● Identify outcomes of BDI and repair and implications for patients and surgeons.

3:30 PM Laparoscopic Cholecystectomy: The Procedure that Revolutionized Surgery L. Michael Brunt
3:35 PM Crisis of Early Lap Chole: Bile Duct Injury Nat Soper
3:45 PM The SAGES Safe Cholecystectomy Initiative Marian McDonald
3:55 PM Multi-Society Consensus Guidelines on Prevention of BDI and Why They are Important Adnan Alseidi
4:05 PM Prevention Strategies I: Critical View of Safety and How We Can Do Better Michael Pucci
4:15 PM Prevention Strategies 2: Role of Intraoperative Imaging Maria Altieri
4:25 PM I’ve Cut the Bile Duct - What Now? Alice Wei
4:35 PM Outcomes of Repair of Bile Duct Injury and Its Impact on Patients Eugene Ceppa
4:47 PM Medical-Legal Consequences of Bile Duct Injury Allison Barrett
4:57 PM Panel Discussion

4:00 PM - 5:30 PM Pioneers in Foregut Surgery: Stories from the Masters
Session Chair: Liane Feldman, MD | Co-Chairs: Francis Buckley, MD & Silvana Perretta, MD

In this special session, recognized pioneers in the development and diffusion of minimally invasive foregut surgery will describe how they refined their techniques in the early days and taught the next generation. The pioneers will be interviewed by their previous trainees who will also provide their insights into how innovations are developed, perfected and adopted. The speakers will also provide tips and tricks for optimizing operative outcomes in benign foregut surgery.

At the conclusion of this session, attendees will be able to:
● Describe the development of techniques in minimally invasive foregut surgery.
● Use strategies to improve patient safety during introduction of new procedures.
● Apply techniques described by the pioneers to improve results in antireflux surgery

4:00 PM Introduction Francis Buckley
4:05 PM Bernard Dallemagne Introduction Silvana Perretta
4:10 PM Bernard Dallemagne Interview Bernard Dallemagne
4:25 PM Carlos Pellegrini Introduction Marco Patti
4:30 PM Carlos Pellegrini Interview Carlos Pellegrini
4:45 PM C Daniel Smith Introduction Timothy Farrell
4:50 PM C Daniel Smith Interview C Daniel Smith
5:05 PM Gerald Fried Introduction Liane Feldman
5:10 PM Gerald Fried Interview Gerald Fried
4:30 PM - 5:30 PM  Technology Changing Our World  
Session Chair: Gretchen Purcell Jackson, MD | Co-Chair: Brian Dunkin, MD

In this session, leading scientists from academics and the healthcare technology industry will discuss emerging technologies that have the potential to transform healthcare delivery, especially in the field of surgery. Topics will include augmented reality, three-dimensional printing, cancer-visualizing goggles, implantable monitoring devices, and artificial intelligence. Any surgeon interested in the future of surgical practice should attend.

At the conclusion of this session, attendees will be able to:
- Demonstrate a basic knowledge of augmented reality, three-dimensional printing, cancer-visualizing goggles, implantable monitoring devices, and artificial intelligence.
- Envision applications for these technologies in surgical practice.
- Identify advantages and risks of adopting these technologies in surgical practice.

4:30 PM  Introduction of Session  
Gretchen Jackson

4:35 PM  Augmented Reality for Operative Planning  
Jesse Courtier

4:42 PM  3-D Printing for Surgery  
Anjali Chelliah

4:49 PM  Cancer-Visualizing Goggles  
Samuel Achilefu

4:56 PM  Implantable Monitoring Devices  
Dan Foster

5:03 PM  Artificial Intelligence for Healthcare  
Gretchen Jackson

5:10 PM  Moderated Discussion  
Brian Dunkin

5:30 PM - 6:00 PM  Candidate Networking Townhall  
Non-CME

Hosted by the Membership Committee, the Candidate Networking event is a chance to meet and mingle with other Candidate members. Learn about new opportunities, meet new friends and colleagues!

6:00 PM - 7:00 PM  Leadership Reception for Residents, Fellows & New Members  
Location: Hilton Cleveland Downtown (connected to Convention Center)

7:30 PM - 11:30 PM  SAGES Gala The Main Event & Sing-Off  
Location: Rock & Roll Hall of Fame Museum
Saturday, April 4, 2020

**CLOSED**  Exhibits / Learning Center / Video Sessions in Exhibit Hall

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**8:00 AM - 3:30 PM**  SAGES Scientific Sessions & Videos

*Accepted Oral & Video Presentations*

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**8:00 AM - 9:30 AM**  Barrett’s 2020: What’s Hot, What’s Not

*Session Chair: Rebecca Petersen, MD | Co-Chair: Alia Qureshi, MD*

To gain an in depth understanding of the evolving field of Barrett’s Esophagus with regards to surveillance, indication for intervention and current endoscopic interventions. Session speakers will discuss the state-of-the-art GI interventions, challenges facing both pathology and biomarkers, surgical approaches and innovations in the field involving non-endoscopic approaches to detection of BE and the shifting landscape with regards to timing and indicated interventions from both gastroenterologists and surgeons.

At the conclusion of this session, attendees will be able to:

- Describe the current understanding of progression of Barrett’s esophagus to dysplasia and esophageal adenocarcinoma.
- Identify current innovations in Barrett’s Esophagus.
- Appraise the evolving surveillance guidelines in Barrett’s Esophagus.

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**8:00 AM Introduction**  Rebecca Petersen

**8:02 AM Outline of Presentation and Speakers**  Alia Qureshi

**8:04 AM Evolving Paradigms in the Management of Barrett’s Esophagus - 25 Years in the Making**  Brian Reid

**8:14 AM The GI Perspective on Management of BE: EMR- Technique/Issues and Controversies**  Vani Konda

**8:24 AM Barrett’s Pathology: LGD, HGD and Indeterminate Dysplasia - Controversies Surrounding Interobserver Discrepancy**  Melissa Upton

**8:34 AM Barrett’s Biomarkers: Are We There Yet?**  Alia Qureshi

**8:44 AM Innovation in Surveillance Protocols in Barrett’s Esophagus**  Amitabh Chak

**8:54 AM Surgeon’s Perspective on BE: Wrap or Not to Wrap?**  Kelly Heisley

**9:04 AM Innovations in Surveillance Protocols in Barrett’s Esophagus with the Cytosponge**  BuyKhanh Pham Ceppa

**9:14 AM Q&A**

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**8:00 AM - 9:30 AM**  Emergency General Surgery: The Role of MIS

*Session Chair: Matthew Bloom, MD | Co-Chair: Caroline Reinke, MD*

Danger awaits both the trained MIS surgeon who performs laparoscopic surgery on acutely ill emergency general surgery patients, as well as the Acute Care Surgeon who attempts MIS approaches without possessing the expert skill set. This course will explore the role of MIS in acutely ill patients and cover indications, contraindications, and tips and techniques to safely perform MIS at both 1PM and 1AM.

At the conclusion of this session, attendees will be able to:

- Proper selection of open versus laparoscopic approaches to the acutely ill patient.
- Employ new strategies to provide optimal care to patients presenting with EGS diagnoses in the setting of a malignancy.
- Recognize the role of cholangiogram and laparoscopic common duct exploration in patients with acute cholecystitis.

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**8:00 AM Managing Malignancies Presenting with Emergent Symptoms**  Kevin Wasco

**8:13 AM The Role of MIS in the Management of Pneumoperitoneum**  Arghavan Salles

**8:26 AM The Time and Place for Laparoscopy in the Trauma Patient**  Andrea Pakula

**8:39 AM The role of Cholangiography and Laparoscopic Common Duct Exploration in Acute Cholecystitis**  Ezra Teitelbaum

**8:52 AM Common Bile Duct Injury Management in an Emergency**  Rana Pullatt

**9:05 AM Managing Hernias with MIS**  Sarah Hennessy

**9:18 AM Q&A**
8:00 AM - 9:30 AM  Scientific Session: SS29: Bariatric Complications  
Session Moderators: Natan Zundel, MD | Obonoruma I. Ekhaese, MD

8:00 AM - 9:30 AM  Scientific Session: SS30: Biliary  
Session Moderators: Shahidur Rahman, MD | Sharona B. Ross, MD

8:00 AM - 9:30 AM  Scientific Session: SS31: Esophageal Motility  
Session Moderators: Lawrence W. Way, MD | Patrick R. Reardon, MD

9:30 AM - 11:00 AM  Scientific Session: Best Papers II

9:30 AM - 11:00 AM  Foregut Surgery: Who Should Do It and How to Set Up a Center  
Session Chair: Jeffrey Marks, MD | Co-Chairs: Tanuja Damani, MD & Paul Severson, MD

This session in a point counterpoint fashion will debate who should do foregut surgery? Is this general surgery? Is Fellowship required? What numbers should one have to be considered a 'foregut' surgeon? What qualifications do you need to be considered a 'foregut' surgeon? Also, the components of setting up a 'foregut center' will be discussed. What are the elements needed for this? GI? Radiology? Surgery? ENT? Motility lab? How to market? Do you call it a swallowing center or heartburn center?

At the conclusion of this session, attendees will be able to:

- Implement an effective multidisciplinary approach to foregut surgery patients.
- Identify the resources required to have a foregut center.
- Recognize the training requirements to be a safe and effective foregut surgeon.

9:30 AM  Foregut Surgery: Who Should Do It?  Lee Swanstrom
9:42 AM  What Elements are Needed to Set Up a Foregut Center? The Academic Practice Perspective  Alia Qureshi
9:54 AM  How to Set Up a Successful Foregut Center: The Community Practice Perspective  Cory Richardson
10:06 AM  How Do I Successfully Market My Foregut Center?  Paul Severson
10:18 AM  Discussion

9:30 AM - 11:00 AM  Scientific Session: Best Papers II  
Session Moderators: Horacio J. Asbun, MD | Liane S. Feldman, MD

10:30 AM - 11:30 AM  Hernias in Contaminated Fields  
Session Chair: Vedra Augenstein, MD | Co-Chair: William Cobb, MD

One of the most challenging scenarios for hernia repair is in a contaminated setting. Our panel of experts will look at risks and benefits of different techniques and products which may be used to optimize outcomes.

At the conclusion of this session, attendees will be able to:

- Implement an effective multidisciplinary approach to foregut surgery patients.

10:30 AM  Hernia Repair in a Contaminated Setting: Should You Stage?  Archana Ramaswamy
10:42 AM  Absorbable Synthetic and Biologic Mesh: When I Prefer to Use These  Matthew Goldblatt
10:54 AM  Using Synthetic Mesh in Contamination: Risks and Benefits  Jeremy Warren
11:06 AM  Algorithmic Approach to Infected Mesh Salvage  Tiffany Cox
11:18 AM  Q&A
### 11:00 AM - 12:30 PM Anorectal Emergencies: What Every Surgeon Should Know
*Session Chair: Sharon Stein, MD | Session Co-Chair: Izi Obokhare, MD*

All general surgeons know the anguish of the 2 am ER call with an anorectal emergency. Is it rectal prolapse or prolapsing hemorrhoids? Perianal abscess or necrotizing fasciitis? Join our group of experts as they discuss how to decide what you need to take care of in the middle of the night, and what is best handled in the light of day.

At the conclusion of this session, attendees will be able to:
- Accurately recognize and diagnose, and anorectal emergencies.
- Adequately prioritize and select the appropriate treatment plan for the management of anorectal emergencies.
- Able to manage both simple and complex anorectal emergencies.

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>11:00 AM</td>
<td>Help! My Rectum is Falling Out… What to do About Rectal Prolapse</td>
<td>Angela Kuhnen</td>
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<tr>
<td>11:10 AM</td>
<td>I Can't Reduce My Hemorrhoids! What to do About a True Hemorrhoid Crisis</td>
<td>Robert Amajoyi</td>
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<td>11:20 AM</td>
<td>Rectal Bleeding from Anorectal Sources… Did I Mention He is on Coumadin?</td>
<td>Steven Lee Kong</td>
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<tr>
<td>11:30 AM</td>
<td>Is This Just an Abscess or Necrotizing Fasciitis? How to Manage Acute Perianal Sepsis</td>
<td>Joanne Favuzza</td>
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<td>11:40 AM</td>
<td>Jeep Seat: How to Manage Acute Pilonidal Disease</td>
<td>Jennifer Silinsky</td>
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<td>11:50 AM</td>
<td>Not Sure How This Got Here… Rectal Foreign Bodies</td>
<td>Michael McGee</td>
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<td>12:00 PM</td>
<td>The Worst Case I Ever Saw… Anorectal Horrors from the ER: A Panel Discussion</td>
<td>Izi Obokhare</td>
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### 11:00 AM - 12:00 PM Duodenal Switch. Here to Stay?
*Session Chair: Nicole Fearing, MD | Session Co-Chair: Daniel Cottam MD*

Duodenal switch is gaining popularity in bariatric surgery. In this session we explore expert opinion on several topics pertinent to duodenal switch to help answer the question, 'Is it here to stay?'

At the conclusion of this session, attendees will be able to:
- Describe the appropriate bowel limb length in duodenal switch.
- Discuss duodenal switch as an option compared to gastric bypass in patients who have had gastric sleeve surgery.
- Compare and contrast outcomes of the traditional duodenal switch vs single anastomosis duodenal switch.

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<tr>
<td>11:00 AM</td>
<td>Appropriate Bowel Limb Length in Duodenal Switch</td>
<td>Ann Rogers</td>
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<td>11:07 AM</td>
<td>Outcomes of the Single Anastomosis vs Traditional Duodenal Switch</td>
<td>Laurent Biertho</td>
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<td>11:14 AM</td>
<td>Gastric Sleeve Failure - Is Duodenal Switch Preferred to Gastric Bypass</td>
<td>J. Stephen Scott</td>
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<td>11:21 AM</td>
<td>Reflux in Patients Who Have Had Duodenal Switch</td>
<td>Keri Seymour</td>
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<td>11:28 AM</td>
<td>Basic Science - What You Need to Know in Relationships to Duodenal Switch</td>
<td>Vivek Prachand</td>
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<tr>
<td>11:35 AM</td>
<td>Panel Discussion</td>
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### 11:00 AM - 12:30 PM Community Practice for the Uninitiated
*Session Chair: Laura Doyon, MD | Co-Chair: Kevin Wasco, MD*

Designed for new grads and seasoned surgeons alike. Expert views on what to consider and how to shape your foray into community practice.

At the conclusion of this session, attendees will be able to:
- Recognize the continuum of community and academic practice.
- Formulate a plan to optimize your work environment from negotiating the position to optimizing office flow.
- Prepare to pitch new technology or services to your community.

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<th>Time</th>
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<tbody>
<tr>
<td>11:00 AM</td>
<td>Introduction</td>
<td>Laura Doyon</td>
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<td>11:02 AM</td>
<td>Advice for the New Graduate</td>
<td>Cynthia Geocarias</td>
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<tr>
<td>11:14 AM</td>
<td>Rural Perspective</td>
<td>Karen McFarlane</td>
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<tr>
<td>11:26 AM</td>
<td>Transition from Academia to Community/Private Practice</td>
<td>David Earle</td>
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<td>11:38 AM</td>
<td>Blurring the lines between Academic and Community Practice</td>
<td>Benjamin Clapp</td>
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<tr>
<td>11:50 AM</td>
<td>How to Optimize Office Flow</td>
<td>Shirin Towfigh</td>
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<tr>
<td>12:02 PM</td>
<td>How to Pitch New Technology</td>
<td>Brian Jacob</td>
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<tr>
<td>12:14 PM</td>
<td>Lifelong Learning in Community Practice: SAGES</td>
<td>Kevin Wasco</td>
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<td>12:17 PM</td>
<td>SAGES Leadership Supports Community Surgeons</td>
<td>Ross Goldberg</td>
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<td>12:19 PM</td>
<td>Q&amp;A</td>
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11:00 AM - 12:00 PM Everything You Wish You Knew About the Surgical Treatment of Gastroparesis  
*Session Chair: Amber Shada, MD | Co-Chair: Brian Davis, MD*

The surgical management of gastroparesis is in ongoing evolution. Procedure selection requires an understanding of patient and disease factors to optimize postoperative success. There are many new and exciting therapies being used for treatment of gastroparesis and this session will also focus on surgical technique.

At the conclusion of this session, attendees will be able to:
- Describe the surgical workup for patients with gastroparesis, and strategies to select the proper operation for a given patient.
- Understand how to perform endoscopic pyloromyotomy, pyloroplasty and gastric stimulator placement.
- Recognize when to use gastric resection for gastroparesis, and what options are available.

11:00 AM  Introduction  Amber Shada  
11:01 AM  Surgical Workup of Patients with Gastroparesis: Who, What, When, and Why  Kathleen Lak  
11:15 AM  Gastric Electrical Stimulation and Pyloroplasty: How I Do It  Jenna Wishnew  
11:30 AM  Per Oral Pyloromyotomy for Gastroparesis: Tips and Tricks  Salvatore Docimo  
11:45 AM  Gastric Resection for Gastroparesis: Which Operation and When?  Kevin El-Hayek

11:30 AM - 3:30 PM What's New in Fellowship Training? An Update on the Changes and Challenges Facing our Fellows  
*Session Chair: Shanu Kothari, MD | Co-Chairs: Michael Awad, MD PhD & Linda Zhang, MD*

This session examines the current status and challenges in fellowship training, including the interviewing and matching process, program changes of the Fellowship Council, and EPA's. There will also be a discussion on challenges facing fellows during their job search. This session is intended for Fellowship Program Directors, Co-Directors, and others who work closely with fellows.

At the conclusion of this session, attendees will be able to:
- Describe reporting changes to the Fellowship Council, EPAs, and assessments of fellows.
- Identify the Do's and Don'ts of the interview and matching process, including commitment dissolution and match violations.
- Understand the challenges facing fellows in their job search.

11:30 AM  Welcome and Introduction  Shanu Kothari  
Rohan Jeyarajah  
11:45 AM  Interview Process: Do's and Don'ts  Ash Kaul, Ed Lin  
Adnan Alseidi  
12:00 PM  Q&A  Rohan Jeyarajah  
12:15 PM  Matching Process Commitment Dissolution/Match Violations  Aurora Pryor, Daniel Scott  
12:35 PM  Q&A  Brent Matthews, Majella Doyle  
Aurora Pryor, L. Michael Brunt  
12:45 PM  Program Changes (Working Lunch): Reporting Changes to the Fellowship Council  Liane Feldman  
E. Matthew Ritter  
1:20 PM  Q&A  Aurora Pryor  
Liane Feldman  
1:50 PM  Q&A  Paul Severson  
Adrian Dan, Ralph Aye  
2:05 PM  Where Have all the Academic Jobs Gone?  John Rodriguez  
Ann Rogers, Alfie Carbonell  
2:20 PM  Q&A  
2:35 PM  My Fellow Needs a Job: Their Responsibility or Mine?  
3:00 PM  Q&A  
3:15 PM  EPAs and Assessments  
3:20 PM  Q&A
12:00 PM - 1:30 PM  Avoiding and Managing Recidivism after Bariatric Surgery
Session Chair: Tammy Kindel, MD | Session Co-Chair: L. Renee Hilton, MD

This session will focus on avoiding and managing recidivism after bariatric surgery. Topics will include initial surgical decision making, timing and use of pharmacotherapy, endoscopic management, conversion to a secondary bariatric procedure, and will also include the unique perspective of a patient who is also a bariatric surgeon. This session is ideal for anyone routinely caring for bariatric patients including bariatric surgeons, integrate health professionals, residents and fellows.

At the conclusion of this session, attendees will be able to:
- Define recidivism and understand how selecting the appropriate procedure can help avoid recidivism after bariatric surgery.
- Understanding both surgical and endoscopic options for managing recidivism after sleeve gastrectomy and gastric bypass.
- Evaluate the indications for pharmacotherapy and discuss when medications should be used for avoidance and management of recidivism.

12:00 PM  The Right First Procedure Can Minimize Obesity and Metabolic Recidivism  Ranjan Sudan
12:15 PM  Using Post-Operative Pharmacotherapy to Avoid Obesity Recidivism - What and When?  Teresa LaMasters
12:30 PM  A Patient-Surgeon Perspective on Avoiding and Managing Obesity Recidivism  Shaneeta Johnson
12:45 PM  Endoscopic Management of Obesity Recidivism after Gastric Bypass  Michael Ujiki
1:00 PM  The Loop DS - the Best Option for Recidivism after Sleeve Gastrectomy  Walter Medlin
1:15 PM  Q&A

12:00 PM - 1:00 PM  Scientific Session: SS33: Here We Go Again
Session Moderators: Matthew Drake Spann, MD | Vimal K. Narula, MD

12:30 PM - 3:30 PM  EAST/AAST/SSAT/ASCRS/SAGES: Acute Care Surgery Joint Symposium
Session Chair: Robert Lim, MD | Session Co-Chairs: Eleanor Fung, MD & Sherfield Dawson III., MD

For the practicing general surgeon there are acute care controversies that present for which there is not an absolute right or wrong. We have gathered experts from 5 renown surgical societies, the SSAT, AAST, EAST, ASCRS, and SAGES to provide their perspectives on acute care issues that tend to vex even the most experienced clinician. There is an emphasis on minimally-invasive techniques and when it is most applicable. Our multi-society approach will help the Acute Care surgeon decide the best approach and what would provide the best outcomes. Hear what our panelists have experienced and what their resolutions have been.

At the conclusion of this session, attendees will be able to:
- Evaluate the role of minimally invasive surgery in acute care surgery and trauma.
- Employ best practices in the management of diverticulitis and appendicitis.
- Identify surgical management techniques in foregut emergencies and the open abdomen.
- Articulate challenges in resuscitation of acute care and trauma patients.
- Develop management strategies for the difficult gallbladder

**Inflammatory Remarks about Diverticulitis**
Moderators: Najjia Mahmoud & Greg Kennedy
12:30 PM  Falls Into Your Lap: When Laparoscopic Management is Best for Perforated Diverticulitis  Karim Alavi
12:40 PM  When to Punt: Damage Control for Strategies for Diverticulitis  Kimberly Davis
12:50 PM  Oh Crab! You’re In But You Find Cancer Instead of Diverticulitis  Radhika Smith
1:00 PM  Obstructionism via Diverticulitis: When to Divert, Resect, or Stent and oh, Those Ureters  Ben Shogan
1:10 PM  Panel Discussion: Diverticulitis

**In the Rough Again: Wayward Organs in the FOREgut**
Moderators: Clay Cothren-Burlow & Eleanor Fung
1:25 PM  Plugging the Holes: MIS Interventions in Peptic Ulcer Disease  Jennifer Schwartz
1:35 PM  Going Silently Into that Good SBO: Avoiding Injury Using MIS Techniques for Bowel Obstructions  Stephanie Savage
1:45 PM  How to Stomach It: The Role of MIS for a Gastric Outlet Obstruction and Volvulus  Sarah Hennesey
1:55 PM  Utter Chaos of the Gallbladder: Does it Need to be Complete? (Is Completion Cholecystectomy Needed After Subtotal Cholecystectomy?) Andrea Pakula
2:05 PM  Tubing the Gallbladder: Management and the Interval Cholecystectomy Lauren McCormack
2:15 PM  Panel Discussion

**Transferring Trauma/Critical Care Concepts to Emergency General Surgery**
*Moderators: Kimberly Davis & Andrea Pakula*
2:25 PM  When Laparoscopy for Trauma is the Procedure of Choice Salomone Di Saverio
2:35 PM  Anti-Coagulation Management in the Acute Care Patient Myung Park
2:45 PM  Management of the Open Abdomen after Emergency General Surgery Britney Corey
2:55 PM  Should I Use Peritoneal Resuscitation? Clay Cothren Burlew
3:05 PM  Are Antibiotics for Appendicitis Just a Sham? Matthew Martin
3:15 PM  Panel Discussion

12:30 PM - 1:30 PM  **Scientific Session: SS34: Bariatric Revision**
*Session Moderators: Ali Aminian, MD | Mario Saenz Ramirez, MD*

1:30 PM - 3:30 PM  **Controversies in Complex Ventral Hernia Prevention and Repair**
*Session Chair: Archana Ramaswamy, MD, MBA | Session Co-Chair: Edward Auyang, MD*

Numerous controversial topics are present within the changing field of ventral hernia repair. Select topics will be discussed in a lively debate format.

At the conclusion of this session, attendees will be able to:
- Appraise the data supporting the use of mesh for parastomal prophylaxis.
- Identify the subset of patients where diastasis repair may be beneficial.
- Develop an algorithm for hernia repair in the patient with an enterocutaneous fistula.

1:30 PM  Introduction Archana Ramaswamy
1:35 PM  ‘Abdominal Core Health’ - We Need to Rebrand Ourselves David Kpata
1:42 PM  ‘Abdominal Core Health’ - An Unnecessary Name Change for Hernia Surgeons Benjamin Poulos
1:52 PM  Rebuttal David Kpata
1:55 PM  Panel Discussion
2:02 PM  Prophylactic Mesh to Prevent Parastomal Hernias Improves Outcomes Gina Adrales
2:09 PM  Prophylactic Mesh to Prevent Parastomal Hernias Does Not Improve Outcomes Filip Muysoms
2:19 PM  Rebuttal Gina Adrales
2:22 PM  Panel Discussion
2:29 PM  Synthetic, Non-Absorbable Mesh Should Be Used When Repairing a Hernia in the Presence of an Enterocutaneous Fistula Vedra Augenstein
2:36 PM  Synthetic, Non-Absorbable Mesh Should Not Be Used When Repairing a Hernia in the Presence of an Enterocutaneous Fistula Heidi Miller
2:46 PM  Rebuttal Vedra Augenstein
2:49 PM  Panel Discussion
2:56 PM  Diastasis Recti Should Be Routinely Repaired in the Symptomatic Patient Ajita Prabhu
3:03 PM  Diastasis Recti Should Not Be Routinely Repaired in the Symptomatic Patient Jacob Greenberg
3:13 PM  Rebuttal Ajita Prabhu
3:16 PM  Panel Discussion

1:00 PM - 2:30 PM  **Scientific Session: SS35: Foregut Complications**
*Session Moderators: Andrew S. Wright, MD | Cynthia E. Weber, MD*

1:30 PM - 2:30 PM  **Scientific Session: SS36: Outcomes SADI**
*Session Moderators: Michel Gagner, MD | Surendra Ugale, MD*
2:30 PM - 3:30 PM  New and Emerging Procedures in Bariatric Surgery - What is the Evidence?
Session Chair: Rachel Moore, MD | Session Co-Chair: Manoel Galvao Neto, MD

This session will scrutinize new devices and techniques in obesity treatment, looking beyond the ‘cool factor’ toward evidence for safety and efficacy. Medical tourism will also be discussed, as the approval process for advances is slow in the U.S. and patients start to travel to access therapy.

At the conclusion of this session, attendees will be able to:
- Analyze emerging techniques and the evidence for their use.
- Discuss appropriate patient selection for newer treatments.
- Learn strategies for safe performance of innovative therapies.

2:30 PM  Mini Gastric Bypass                      Mohit Bhandari
2:42 PM  One Anastomosis Gastric Bypass/SIPS/SADI Teresa LaMasters
2:54 PM  Duodenal Mucosal Resurfacing and Other Endolumenal Therapies (Not Suturing) Manoel Galvao Neto
3:06 PM  Endolumenal Suturing for Primary and Revision Pichamol Jirapinyo
3:18 PM  The Ethics of Traveling for Weight Loss Procedures Ariel Ortiz

2:30 PM - 3:30 PM  Scientific Session: SS37: Bariatric Education
Session Moderators: Semeret Tadios Munie, MD | Dmitry Oleynikov, MD