| Mayo Clinic Innovations in Gastroenterology and Hepatology 2026: Artificial Intelligence and Beyond |
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| **Mayo Clinic Integrated Education and Research Building, Phoenix, AZ** |
| **January 16-17, 2026** |
| *Broadcast in Mountain Time* |

## Friday, January 16, 2026

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| 7:00 AM | Registration, Breakfast & Exhibits |

**AI in Endoscopy**
**Moderator: Dennis Shung, M.D., M.H.S., Ph.D.**

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| 8:00 AM | AI-Enabled Colonoscopy<br>Michael B. Wallace, M.D.  (half hour) |
| 8:30 AM | Endoscopic Foundation Models: What Are They and How Do You Build It?<br>Jeff R. Fetzer, M.S. |
| 8:45 AM | AI Models for Risk Stratification of Duodenal Polyps: Advances and Pitfalls<br>Dan A. Schupack, M.D. |
| 9:00 AM | AI Applications in Capsule Endoscopy<br>Shabana F. Pasha, M.D. |
| 9:15 AM | AI is Changing IBD Endoscopy: Get Ready to Use It<br>Nayantara Coelho-Prabhu, M.B.B.S. |
| 9:30 AM | Panel Q&A |
| 9:45 AM | Refreshment Break & Exhibits |

**Advanced Gastroenterology and Hepatology Care at Home**
**Moderator: Shounak Majumder, M.D.**

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| 10:00 AM | Remote Monitoring for Acute Pancreatitis<br>Vinay Chandrasekhara, M.D. |
| 10:15 AM | Preventing Readmissions in Patients with Decompensated Cirrhosis<br>Doug A. Simonetto, M.D. |
| 10:30 AM | Leveraging Sensors and Wearables for Remote Care<br>Tiffany Wu, M.D. |
| 10:45 AM | Remote Post-operative Care After GI Surgery: Current State and Future Directions<br>Joel J. Busch, APRN, C.N.P. |
| 11:00 AM | Transforming Inpatient Care: What is on the Horizon?<br>Lukas Manka, M.B.A. |
| 11:15 AM | Panel Q&A |

| 11:45AM | The Transformative Power of Innovation in Medicine<br>Jay Pasricha, M.B.B.S., M.D. |
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| 12:00 PM | Q&A<br>Jay Pasricha, M.B.B.S., M.D. |
| 12:15 PM | Lunch / Poster Presentations & Exhibits |
| **Novel Endoscopic Devices and Techniques**<br>**Moderator: Vinay Chandrasekhara, M.D.** |
| 1:15 PM | Endoscopic Management of Complex GI Fistulas: Impossible is Nothing<br>Nav S. Buttar, M.D. |
| 1:30PM | Endoscopic Management of PD Stones: New Tools for an Old Problem<br>Samuel Han, M.D. |
| 1:45 PM | EUS-Guided Anastomosis: The New Frontier<br>Vinay Chandrasekhara, M.D. |
| 2:00 PM | EUS-Guided Radiofrequency Ablation: Applications, Pitfalls, and Challenges<br>Jad P. AbiMansour, M.D. |
| 2:15 PM | Panel Q&A |
| 2:30 PM | Refreshment Break & Exhibits |
| **Innovations in Risk Assessment and Early Detection of GI Diseases**<br>**Moderator: Laura E. Raffals, M.D.** |
| 2:45 PM | Leveraging AI to Find the Population at Risk for Pancreatic Cancer<br>Shounak Majumder, M.D. |
| 3:00 PM | Is Automation Enhancing Colon Cancer Screening Quality and Adherence<br>Derek W. Ebner, M.D. |
| 3:15 PM | Changing Esophageal Cancer Screening One String at a Time<br>Prasad G. Iyer, M.D., M.S. |
| 3:30 PM | Stool Versus Blood-Based Screening for Colon Cancer: Is There a Clear Winner<br>John B. Kisiel, M.D. |
| 3:45 PM | The Evolving Landscape of Germline Testing in GI Cancers<br>Kirk J. Wangensteen, M.D., Ph.D. |
| 4:00 PM | Panel Q&A |
| 4:15 PM | Innovative Pitch Competition - Shark Tank Style<br>Moderators: James A Rogers, III, Brenna T. Loufek, M.S. and Course Directors<br>4:15 Overview of session by Moderators & Introduction of Judging Panel<br><br>4:20 Caroline Martinez - Sipple: AI-Powered Acoustic Screening to Transform Dysphagia Care Across the Lifespan (not for credit)<br><br>4:35 Jeff Fetzer and John League - Accelerating AI/ML for GI Endoscopy Videos with VC-6: A GPU-Optimized, Hierarchical Video Format |

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| | 4:50 Shradha Shalini - Automated Digital GI Previsit Planning (DiGI-PreP) Using Artificial Intelligence |
| | 5:05 Siddharth Singh - Large Language Model-Supported Systematic Reviews to Augment Clinical Guideline Development: An AGA Pilot |
| | 5:20 Final Q&A from Judging Panel, Attendees, and Selection of "Top Pitch" |
| 5:30 PM | Welcome Reception |
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## Saturday, January 17, 2026

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| 7:00 AM | Registration, Breakfast & Exhibits |
| **Large Language Models: Emerging applications in GI Diseases** <br> **Moderator: Doug A. Simonetto, M.D.** | |
| 7:30 AM | LLMs Saving Time for the Busy Clinician <br> Alexander J. Ryu, M.D. |
| 7:45 AM | Synthetic Data and Digital Twins: From Trials to Individualized Medicine <br> Joseph C. Ahn, M.D. |
| 8:00 AM | IBD – Standardizing Disease Assessment from Descriptors and Endoscopy <br> Anna L. Silverman, M.D. |
| 8:15 AM | Can LLMs Stop the "Bleed?" <br> Dennis Shung, M.D., M.H.S., Ph.D. |
| 8:30 AM | Panel Q&A |
| 8:45 AM | Break |
| **New Tools for the Management of GI Diseases** <br> **Moderator: Nayantara Coelho-Prabhu, M.B.B.S.** | |
| 9:00 AM | Can AI Bring New Insights to Bowel Manometry <br> Arthur Beyder, M.D., Ph.D. |
| 9:15 AM | Novel Noninvasive Assessment of Portal Hypertension: The SHAPE Algorithm <br> Jaydev K. Dave, Ph.D. |
| 9:30 AM | Leveraging VR for Endoscopy Sedation <br> Iris Wang, M.D. |
| 9:45 AM | Modifying the Microbiome to Treat C Diff: Recent Advances Beyond Standard FMT <br> Sahil Khanna, M.B.B.S., M.S. |
| 10:00 AM | Emerging Digital Tools for Managing Disorders of Brain-Gut Interaction <br> David J. Cangemi, M.D. |
| 10:15 AM | Panel Q&A |
| 10:30 AM | Refreshment Break & Exhibits |

| | **Selected Oral Abstract Presentations**<br>Moderator: Samuel Han, M.D. |
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| 10:45 AM | Synthetic Data Generation Enables Privacy-Preserving Multi-Site Training for Generalizable AI Models in Alcohol-Associated Hepatitis<br>Umang Arora, M.B.B.S. |
| 11:00 AM | Hybrid Large Language Models for Automated Extraction of Pancreatic Ductal Adenocarcinoma Risk Factors from Clinical Notes<br>Anup Mishra, Ph.D., M.S. |
| 11:15 AM | GLP1 Receptor Agonists in Patients with Inflammatory Bowel Diseases and Obesity and/or Diabetes: A Target Trial Emulation<br>Siddharth Singh, M.D. |
| 11:30 AM | In-depth Radiological and Explainability Analysis of Deep Learning<br>Michael Wallace, M.D., M.P.H. |
| | **The GI Innovation Toolkit**<br>**Moderator: John B. Kisiel, M.D.** |
| 11:45 AM | Developmental Endoscopy Unit: A Sandbox for Endoscopic Innovation<br>Jad AbiMansour, MD |
| 12:00 PM | The GI AI Lab: Key Ingredients for Success<br>Dennis Shung, M.D., M.H.S., Ph.D. |
| 12:15 PM | Software as Medical Device - Update on FDA Requirements<br>Brenna T. Loufek, M.S. |
| 12:30 PM | Business Model for AI Health Products: What do Developers Need to Know<br>James A Rogers, III |
| 12:45 PM | Preparing the Next Generation of GIs for the Digital Era<br>Laura E. Raffals, M.D. |
| 1:00 PM | Panel Q&A |
| 1:15 PM | Closing Comments<br>Course Directors |
| 1:30 PM | Adjourn / Box Lunch To Go |