



**Penn Medicine**

Continuing Medical and  
Interprofessional Education

**IN-PERSON AND VIRTUAL**

# University of Pennsylvania Comprehensive Gastroenterology and Hepatology Course



**Friday-Saturday, April 5-6, 2024**

**In-Person Meeting Location**

Loews Philadelphia Hotel  
Commonwealth Hall  
1200 Market Street, Philadelphia, PA 19107

Endorsed by



**CME/CE-ACCREDITED CONFERENCE**

<https://upenn.cloud-cme.com/comprehensiveGI2024>



## PROGRAM OVERVIEW & TARGET AUDIENCE

The *University of Pennsylvania Comprehensive Gastroenterology and Hepatology Course* will highlight management strategies and review the advances which have occurred in the treatment of diverse gastrointestinal and hepatology disorders. This course is designed to update physicians, nurses, nurse practitioners, physician assistants, and other healthcare professionals practicing clinical gastroenterology and hepatology about new approaches to the diagnosis and management of gastrointestinal and liver diseases. Faculty will present data on multiple clinically important topics including general gastroenterology, inflammatory bowel disease, colorectal neoplasia, esophageal diseases, motility, nutrition, pancreaticobiliary disorders, endoscopy, and hepatology. Participants will receive a comprehensive overview of the latest available research and clinical information on evaluation and management of patients with IBD, the latest update on nutrition with a focus on obesity, an update on endoscopy with a focus on upper EUS update, current and future role of ESD and the role of artificial intelligence in GI. Live cases will be used to highlight management strategies. Hepatology will focus on many clinically important topics including NASH, cirrhosis, and its complications such as hepatorenal syndrome, hepatic encephalopathy, liver cancer and nonmalignant liver mass management. Esophageal diseases such as eosinophilic esophagitis, GERD management and Barrett's esophagus management will be highlighted. Finally, constipation, bloating, gastroparesis management and the GI practitioner's role in the management of obesity will be reviewed.

This activity is designed for gastroenterologists, hepatologists, colorectal surgeons, GI radiologists, nurse practitioners, nurses, physician assistants, residents, fellows, students, and other interested healthcare professionals.

### LEARNING OBJECTIVES

At the conclusion of this educational activity, the participant should be able to:

- Review current management strategies for the management of postoperative recurrence in patients with Crohn's disease.
- Discuss *Clostridioides Difficile* management in IBD patients and non IBD patients with IBD.
- Review updates in the role of artificial intelligence in colonoscopy.
- Summarize the current and future role of endoscopic submucosal dissection in the United States.
- Highlight new pharmaceutical options for patients with ulcerative colitis and Crohn's disease.
- Define a care pathway for patients with Barrett's esophagus.
- Discuss updates in treatment protocols for patients with NASH.
- Summarize treatment options for patients diagnosed with gastroparesis.
- Describe current practices in obesity management for the gastroenterology caregiver.
- Define options for intervention in patients with refractory acid reflux disease.
- Discuss updates in ascites and hepatorenal syndrome.
- Summarize current management strategies for hepatic encephalopathy.
- Highlight updates in liver cancer.
- Review novel and future therapeutics for IBD.
- Review current management strategies for the hospitalized patients with severe ulcerative colitis

### HOSTING DEPARTMENT

The *University of Pennsylvania Comprehensive Gastroenterology and Hepatology Course* is hosted by the Division of Gastroenterology at Penn Medicine.



## ACCREDITATION



In support of improving patient care, Penn Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

## DESIGNATION OF CREDIT

**Physicians:** Penn Medicine designates this live activity for a maximum of 14.75 *AMA PRA Category 1 Credits*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



**ABIM MOC:** Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 14.75 *MOC points* in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program.

Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

**ABS MOC:** Successful completion of this CME activity, which includes participation in the evaluation component, enables the learner to earn 14.75 credits toward the CME and Self-Assessment requirements of the American Board of Surgery's Continuous Certification program. It is the CME activity provider's responsibility to submit learner completion information to ACCME for the purpose of granting ABS credit.

**Physician Assistants:** Penn Medicine has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 14.75 *AAPA Category 1 CME credits*. PAs should only claim credit commensurate with the extent of their participation.

**Nurses:** This program provides 14.75 NCPD hours.

**Certificates and Transcripts:** After the conference has concluded, all participants will receive a follow-up email with a link with instructions on how to claim their credit. Once participants submit the request for credit, the earned credits will be available for viewing on your transcript or available for printing at <https://upenn.cloud-cme.com>. Please note that the individual certificate will not be mailed.

## CANCELLATION POLICY

To process refunds for course withdrawals, cancellations must be received in writing by March 29, 2024 (subject to a service charge equivalent to 10% of the registration fee, but no less than \$25.00). No refunds will be issued thereafter. The University reserves the right to cancel or postpone any course due to unforeseen circumstances. In the event of cancellation or postponement, the University will refund registration fees but is not responsible for related costs or expenses to participants, including cancellation fees assessed by hotels, airlines, and travel agencies.

# University of Pennsylvania Comprehensive Gastroenterology and Hepatology Course



## LIVE AND VIRTUAL PRESENTATIONS

The University of Pennsylvania Comprehensive Gastroenterology and Hepatology Course will be held Friday-Saturday, April 5-6, 2024 by in-person or live-stream (virtual) attendance. The live and virtual presentations will follow the scheduled agenda in real time (EDT).

**Live Cases:** There will be a full morning of Live Case Transmission from the Hospital of the University of Pennsylvania Perelman Center for Advanced Medicine and Main OR. This will be web-based transmission with 2-way communication for active engagement with moderators and audience (in person and virtual).

The live case transmission will be used to demonstrate common and uncommon endoscopic diagnostic and therapeutic procedures. The cases discussed will include diagnostic and therapeutic EGD, colonoscopy, enteroscopy, ERCP and EUS.

## TO ATTEND IN-PERSON:

### Meeting Location

Loews Philadelphia Hotel, Commonwealth Hall, 1200 Market Street, Philadelphia, PA 19107

### Overnight Room Block

A small block of rooms has been reserved at the Loews Philadelphia Hotel for our attendees. The rate is \$329.00 per night, not including local taxes and fees. Click here (<https://www.loewshotels.com/philadelphia-hotel/group-upenn-comprehensive-gi-course-room-block>) to reserve your room today!

### Parking

Parking at the Loews Philadelphia Hotel is by valet only. Our attendees will receive a discounted parking rate of \$26<sup>00</sup> per day.

## TO ATTEND BY LIVE-STREAM (VIRTUAL):

Attendees who are registered and paid to attend virtually will receive an email by April 4, 2024 that includes the live stream link. The link will allow you to view the course, and submit questions to the faculty. All virtual attendees will be required to sign into the meeting using your first name, last name, and email address to be marked as attended and receive credit.

## VIRTUAL AND IN-PERSON REGISTRATION FEES

### IN-PERSON AND VIRTUAL ATTENDANCE:

Please register online at

<https://upenn.cloud-cme.com/comprehensiveGI2024>

The fees to attend are as follows: \$295 for physicians and industry attendees, \$125 for nurses, nurse practitioners, physician assistants and healthcare professionals. This course is complimentary for fellows, residents and students, as well as Penn Medicine Division of Gastroenterology faculty and staff.

### Attention Penn Medicine Staff!

Sign-in to register using your PennKey. Be sure to check your UPenn Cloud CME profile to be sure the email address listed in your profile matches your correct email address!

### Need to Register by Mail?

**Please note:** mailed registrations may take more than 5-10 business days before they are received because we continue to experience longer delays in receiving mail. We encourage all attendees to register online. See the registration form for mailing instructions. All registrations will be confirmed by email if your registration is received by April 3, 2024. BE SURE TO CHECK YOUR SPAM BOX FOR EMAILS REGARDING THIS CONFERENCE.

## COURSE FACULTY



Except for the Guest Faculty, the Course Directors & Faculty hold academic and/or clinical appointments from the Perelman School of Medicine at the University of Pennsylvania and Penn Medicine, Philadelphia, PA

### COURSE DIRECTOR

**Gary R. Lichtenstein, MD**

Vice Chief Division of Gastroenterology and Hepatology  
Development and Philanthropy  
Director Emeritus, Program for Inflammatory Bowel Disease

### COURSE CO-DIRECTORS

**Faten N. Aberra, MD, MSCE**

Associate Professor of Medicine  
Interim Director IBD Program

**Nuzhat A. Ahmad, MD**

Professor of Medicine  
Vice Chief of Gastroenterology and Hepatology  
Associate Director of Endoscopy  
Associate Chief for Clinical Affairs

**Gary W. Falk, MD, MS**

Professor of Medicine

**Gregory G. Ginsberg, MD**

Professor of Medicine  
Executive Director of Endoscopy

**David E. Kaplan, MD, MSc**

Associate Professor of Medicine  
Director of Hepatology  
Philadelphia VA Medical Center

**James D. Lewis, MD, MSCE**

Professor of Medicine and Epidemiology  
Associate Director, Center for Inflammatory Bowel Disease  
Director of Gastroenterology at  
Penn Presbyterian Medical Center

**K. Rajender Reddy, MD**

Founders Professor of Medicine

### GUEST FACULTY

**Ashwin Ananthakrishnan, MPH, MBBS, MD**

Associate Professor of Medicine  
Harvard Medical School  
Physician Investigator (CI)  
Gastroenterology, Mass General Research Institute  
Massachusetts General Hospital  
Boston, MA

**Henry P. Parkman, MD**

Professor of Medicine  
Stanley H. Lorber Research Endowment Fund and  
Chair of Gastroenterology  
Vice Chair of Research, Department of Medicine  
Director, GI Motility Laboratory  
Lewis Katz School of Medicine at Temple University  
Philadelphia, PA

**Elliot B. Tapper, MD**

Associate Professor  
Director of the Michigan Cirrhosis Program  
University of Michigan Health  
Ann Arbor, MI

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### DISCLOSURES

Penn Medicine, Office of Continuing Medical and Interprofessional Education, adheres to the *ACCME Standards for Integrity and Independence in Accredited Continuing Education*. Faculty disclosure information will be made available in the conference materials and syllabi. Faculty members are also expected to disclose to participants any discussions of off-label and/or investigational uses of pharmaceutical products or devices within their presentations.

## COURSE FACULTY



### LIVE CASE PRESENTERS

**Immanuel Ho, MD**

Clinical Professor of Medicine  
Director of Interventional Endoscopy  
Pennsylvania Hospital

**David L. Jaffe, MD**

Professor of Clinical Medicine  
Advisory Dean, Medical Students

**Kashyap Panganamamula, MD**

Clinical Associate Professor of Medicine  
Director of Therapeutic Endoscopy  
Penn Presbyterian Medical Center

### FACULTY

**Nitin K. Ahuja, MD, MS**

Associate Professor of Clinical Medicine  
Co-Director, Program in Neurogastroenterology  
and Motility

**Ragunath Appasamy, MD, PhD**

Professor of Clinical Medicine  
Director of Gastroenterology and Hepatology

**Brenda Appolo, PA-C\***

Manager, Advanced Practice Providers  
GI Division

**Anna Buchner, MD, PhD**

Assistant Professor of Medicine

**Christine Chan, MD**

Clinical Assistant Professor of Medicine

**Liza Hillel, MSN, CRNP\***

Nurse Practitioner

**Maarouf Hoteit, MD**

Associate Professor of Clinical Medicine  
Director of Liver Cancer Program  
Associate Medical Director, Liver Transplantation

**Galen Leung, MD**

Assistant Professor of Medicine

**Brianna Mangan, MD**

Assistant Professor of Clinical Medicine

**Jorge A. Marrero, MD, MS**

T. Grier Miller Professor of Medicine  
Chief, Division of Gastroenterology and Hepatology

**Shivan J. Mehta, MD, MBA, MSHP**

Associate Professor of Medicine

**Jonathan Nahas, MD**

Assistant Professor of Clinical Medicine

**Neilanjan Nandi, MD**

Associate Professor of Clinical Medicine

**Octavia Pickett-Blakely, MD, MHS**

Associate Professor of Clinical Medicine  
Director, GI Nutrition, Celiac Sprue and Obesity Program

**Stacey Prenner, MD**

Assistant Professor of Clinical Medicine

**Farzana Rashid, MD**

Associate Professor of Clinical Medicine

**James C. Reynolds, MD, AGAF, FACP, FACG**

Professor of Clinical Medicine

**Marina Serper, MD, MSc**

Assistant Professor of Medicine

**Alexandra Strauss, MD**

Assistant Professor of Clinical Medicine

**Erin L. Toto, MD**

Clinical Assistant Professor of Medicine

**Ethan M. Weinberg, MD, MS**

Assistant Professor of Clinical Medicine

**Alexandra H. Weiss, MD**

Assistant Professor of Clinical Medicine



## AGENDA | FRIDAY, APRIL 5, 2024

7:30 AM – 8:00 AM **In-person Registration & Continental Breakfast**

7:45 AM – 8:00 AM **Virtual Attendee Sign-in**  
(Broadcast goes live at 8:00 am)

8:00 AM – 8:15 AM **Welcome & Introduction**  
*Jorge Marrero, MD*  
*Gary Lichtenstein, MD*

### SESSION I ENDOSCOPY

*Moderators: Immanuel Ho, MD, David L. Jaffe, MD, Galen Leung, MD, Brianna Mangan, and Kashyap Panganamamula, MD*

8:15 AM – 8:30 AM **Update on Therapeutic EUS**  
*Brianna Mangan, MD*

8:30 AM – 9:40 AM **Live Cases**  
*Nuzhat Ahmad, MD, Gregory Ginsberg, MD, Immanuel Ho, MD, David L. Jaffe, MD, and Kashyap Panganamamula, MD*

9:40 AM – 10:00 AM **Current and Future Role of ESD in the USA**  
*Galen Leung, MD*

10:00 AM – 10:15 AM Break

10:15 AM – 11:30 AM **Live Cases**  
*Nuzhat Ahmad, MD, Gregory Ginsberg, MD, Immanuel Ho, MD, David L. Jaffe, MD, and Kashyap Panganamamula, MD*

11:30 AM – 11:50 AM **Artificial Intelligence in Colonoscopy, Now and in the Future**  
*Neil Nandi, MD*

11:50 AM – 12:10 PM **Current Status of Screening and Surveillance for Colorectal Cancer**  
*Shivan Mehta, MD*

12:10 PM – 1:00 PM Lunch

### SESSION II ESOPHAGEAL DISEASES

*Moderator: James C. Reynolds, MD, AGAF, FACP, FACC*

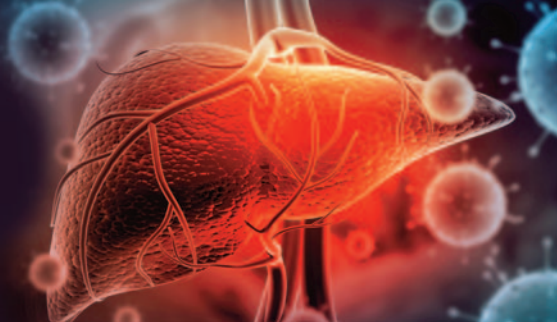
1:00 PM – 1:20 PM **Eosinophilic Esophagitis Management in 2024**  
*Gary W. Falk, MD, MS*

1:20 PM – 1:40 PM **A Rational Approach to GERD Despite Therapy**  
*Gary W. Falk, MD, MS*

1:40 PM – 2:00 PM **What's New in Barrett's Esophagus Screening and Surveillance?**  
*Alexandra Strauss, MD*

2:00 PM – 2:30 PM **Q&A and Case Presentations**  
*Gary W. Falk, MD, MS and Alexandra Strauss, MD*

2:30 PM – 3:00 PM Break



### SESSION III NEUROGASTROENTEROLOGY

Moderator: James C. Reynolds, MD, AGAF, FACP, FACG

- 3:00 PM – 3:20 PM **Key Lessons Learned from the NIH Gastroparesis Consortium**  
*Henry Parkman, MD*
- 3:20 PM – 3:40 PM **How Can I Best Approach Bloating?**  
*Erin Toto, MD*
- 3:40 PM – 4:00 PM **Making Sense of Tests and Treatment for Chronic Constipation**  
*Nitin Ahuja, MD*
- 4:00 PM – 4:20 PM **Current Status of Obesity Management for the Gastroenterology Provider(s)**  
*Octavia Pickett-Blakely, MD*
- 4:20 PM – 4:50 PM **Q&A and Case Presentations**  
*Nitin Ahuja, MD, Henry Parkman, MD, Octavia Pickett-Blakely, MD, and Erin Toto, MD*
- 4:50 PM – 5:00 PM **Course Conclusion**
- 5:00 PM Adjourn

## AGENDA | SATURDAY, APRIL 6, 2024

- 7:30 AM – 8:05 AM **In-person Registration & Continental Breakfast**
- 7:45 AM – 8:05 AM **Virtual Attendee Sign-in**  
(Broadcast goes live at 8:00 am)
- 8:05 AM – 8:15 AM **Welcome & Introduction**  
*K. Rajender Reddy, MD*  
*Gary Lichtenstein, MD*

### SESSION IV LIVER DISEASE: HOT TOPICS

Moderator: Marina Serper, MD, MSc

- 8:15 AM – 8:35 AM **NASH: Therapy Update 2024**  
*Ethan Weinberg, MD*
- 8:35 AM – 9:05 AM **Keynote: Optimizing Cirrhosis Quality of Care**  
*Elliot Tapper, MD*
- 9:05 AM – 9:25 AM **Ascites and Hepatorenal Syndrome**  
*Christine Chan, MD*
- 9:25 AM – 9:40 AM **Q&A and Panel Discussion**  
*Christine Chan, MD, Elliot Tapper, MD, and Ethan Weinberg, MD*
- 9:40 AM – 9:55 AM Break





## **SESSION V LIVER DISEASE: OPTIMIZING OUTCOMES**

*Moderator: David Kaplan, MD*

- 9:55 AM – 10:15 AM **Hepatic Encephalopathy**  
*Elliot Tapper, MD*
- 10:15 AM – 10:25 AM **Updated Portal Hypertension Guidance**  
*David Kaplan, MD*
- 10:25 AM – 10:50 AM **Alcohol-associated Liver Disease**  
*Jonathan Nahas, MD*
- 10:50 AM – 11:10 AM **Liver Cancer: Updates in Treatment**  
*Maarouf Hoteit, MD*
- 11:10 AM – 11:30 AM **Managing Frail Patients with Liver Disease**  
*Marina Serper, MD*
- 11:30 AM – 11:50 AM **Autoimmune Hepatitis**  
*Stacey Prenner, MD*
- 11:50 AM – 12:00 PM **Q&A and Panel Discussion**  
*Maarouf Hoteit, MD, David Kaplan, MD, Jonathan Nahas, MD, Stacey Prenner, MD, Marina Serper, MD, and Elliot Tapper, MD*
- 12:00 PM – 1:00 PM Lunch

## **SESSION VI IBD: MEDICAL THERAPY**

*Moderator: Gary Lichtenstein, MD*

- 1:00 PM – 1:20 PM **Current Positioning of Medical Therapies to Treat Crohn's Disease**  
*Jim Lewis, MD*
- 1:20 PM – 1:40 PM **Current Positioning of Medical Therapies to Treat Ulcerative Colitis**  
*Gary Lichtenstein, MD*
- 1:40 PM – 2:00 PM **Novel / Future Medical Therapies for IBD**  
*Ashwin Ananthakrishnan, MPH, MBBS, MD*
- 2:00 PM – 2:20 PM **Q&A and Case Presentations**  
*Ashwin Ananthakrishnan, MPH, MBBS, MD, Jim Lewis, MD, and Gary Lichtenstein, MD*



## **SESSION VII IBD: COMPLICATED DISEASE AND DISEASE COMPLICATIONS IN IBD**

*Moderator: Faten Aberra, MD*

- 2:20 PM – 2:40 PM **Management of Postoperative Recurrence in Crohn's Disease**  
*Faten Aberra, MD*
- 2:40 PM – 3:00 PM **Current Treatment of the Hospitalized Patient with Severe Ulcerative Colitis**  
*Alexandra Weiss, MD*
- 3:00 PM – 3:20 PM **Clostridioides Difficile Management in IBD Patients and Non IBD Patients: Current Treatment Strategies**  
*Ragunath Appasamy, MD, PhD*
- 3:20 PM – 3:40 PM **Q&A and Case Presentations**  
*Faten Aberra, MD, Ragunath Appasamy, MD, PhD, and Alexandra Weiss, MD*
- 3:40 PM – 4:00 PM Break

## **SESSION VIII IBD: HOT TOPICS**

*Moderator: Gary Lichtenstein, MD*

- 4:00 PM – 4:20 PM **IBD and Pregnancy: Current Status in 2024**  
*Farzana Rashid, MD*
- 4:20 PM – 4:40 PM **Screening and Surveillance for Dysplasia in IBD in 2024: State-of-the-Art**  
*Anna Buchner, MD*
- 4:40 PM – 5:00 PM **Q&A and Case Presentations**  
*Anna Buchner, MD, and Farzana Rashid, MD*
- 5:00 PM Adjourn

**SERVICES FOR THE DISABLED** If special arrangements are required for an individual with a disability to participate this meeting, please contact the Office of Continuing Medical and Interprofessional Education no later than March 22, 2024, at 215-898-6400.

**NONDISCRIMINATION STATEMENT** The University of Pennsylvania values diversity and seeks talented students, faculty, and staff from diverse backgrounds. The University of Pennsylvania does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, or status as a Vietnam Era Veteran or disabled veteran in the administration of educational policies, programs or activities; admissions policies; scholarship and loan awards; athletic, or other University administered programs or employment. Questions or complaints regarding this policy should be directed to Executive Director, Office of Affirmative Action and Equal Opportunity Programs, 3600 Chestnut Street, Sansom Place East Suite 228, Philadelphia, PA 19104-6106 or 215-898-6993 (Voice) or 215-898-7803 (TDD). [www.upenn.edu/affirm-action](http://www.upenn.edu/affirm-action).

## IN-PERSON AND VIRTUAL

University of Pennsylvania Comprehensive  
Gastroenterology and Hepatology Course

Friday-Saturday, April 5-6, 2024

We strongly encourage you to register for this conference online by check or credit card at  
<https://upenn.cloud-cme.com/comprehensiveGI2024>

**Questions? Contact us at:**

penncme@penncme.upenn.edu • Phone: 215-898-6400 or 215-898-8005

Please note: we are unable to accept faxed registration forms.

Please print or type

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Name (First) (Last)

\_\_\_\_\_  
Academic Degree

\_\_\_\_\_  
Medical Specialty

\_\_\_\_\_  
Affiliation (Hospital, Office, or Company)

\_\_\_\_\_  
Address (  Affiliation or  Home)

\_\_\_\_\_  
City State Zip

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Phone Fax

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E-mail

**REGISTRATION FEES**

(pre-payment is required to be officially registered)

**IN-PERSON or VIRTUAL ATTENDANCE:**

- Physicians and industry employees – \$295
- Nurses, nurse practitioners, physician assistants and other healthcare professionals – \$125
- Residents, fellows and students – no fee
- Penn Medicine Division of Gastroenterology faculty and staff – no fee

**PAYMENT METHOD**

- If you are paying by check or credit card, please register online at  
<https://upenn.cloud-cme.com/comprehensiveGI2024>
- If you are paying by check, you may mail your completed registration form and check made payable to **The Trustees of the University of Pennsylvania/CME** to:
  - Conference Manager
  - Office of Continuing Medical & Interprofessional Education
  - Academic Programs, Penn Medicine, JMEC, SPE, 6th floor
  - 3400 Civic Center Blvd, Bldg. 421
  - Philadelphia, PA 19104-5162
- Do not include any credit card information on the registration form or share via email.