Ellison Post-Graduate Course: Advances and Innovations in Surgery

September 26 & 27, 2014
Ross Heart Hospital Auditorium, H1213
452 W. 10th Avenue
Columbus, OH 43210

Presented by
The Ohio State University
Center for Minimally Invasive Surgery
**Needs Assessment**

Surgery continues to evolve as new technology, techniques, and knowledge are incorporated into the care of surgical patients. Surgery reflects these exciting changes and new information. Surgical management of difficult patients, can be a problem for even the most experienced surgeon, therefore emerging techniques are of utmost importance. Innovative technology has become a reality and minimally invasive techniques are being used in almost all invasive procedures. Basic science aspects are important to surgeons as well and, in many cases, emerging fields of regenerative medicine and wound healing represent scientific advances in which surgeons are leading the charge.

**Course Overview**

This two day course is designed for surgeons whom are interested in the evolution of surgical technology, techniques, and advanced scientific knowledge. The course will consist of didactic lectures and new product demonstration.

Course participants will be expected to complete a comprehensive evaluation on key concepts presented in the course to help measure change in competence. Surgeons will be offered an opportunity for self-assessment credits toward Part 2 of the ABS MOC Program.

**Objectives**

Completion of this course will enable participants to:
1. Identify emerging surgical techniques in esophageal disorders, treatment in obesity, and abdominal wall transplantation.
2. Identify technological advances in minimally invasive and robotic surgery.
3. Identify scientific advances in regenerative medicine and wound healing.

**Accreditation**

The Ohio State University Medical Center, Center for Continuing Medical Education is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor continuing medical education for physicians.

The Ohio State University Medical Center designates this educational activity for a maximum of 7 AMA PRA Category I Credit™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Disclosure Statement**

Current guidelines state that participants in CME activities should be made aware of any affiliation or financial interest that may affect the speakers’ presentations. Each speaker has completed a conflict-of-interest statement. Disclosure statements will be provided to participants in the course.

**Commercial Support**

The course organizers gratefully acknowledge the generous support of our corporate sponsors.

**Mission Statement**

The Ohio State University Center for Minimally Invasive Surgery is dedicated to the achievement of excellence in patient care, clinical training, research and outcomes studies pertaining to the techniques and technology of minimally invasive surgery. For more information on CMIS course offerings, please visit our website at [http://cmis.osu.edu/](http://cmis.osu.edu/).
GUEST SPEAKER
Craig A. Miller, MD, FACS
Director, Vascular Services
St. Joseph/St. Vincent Hospital

THE OHIO STATE UNIVERSITY AFFILIATED SPEAKERS
E. Christopher Ellison, MD, FACS
Professor of Surgery
CEO Faculty Group Practice
Senior Associate Vice President to Health Sciences
Vice Dean of Clinical Affairs
College of Medicine Distinguished Professor
Robert M. Zollinger Endowed Chair

Jeffrey Hazey, MD, FACS
Associate Professor of Surgery
Interim Chief, Division of General and Gastrointestinal Surgery

Robert Higgins, MD, MSHA, FACS
Professor and Chairman, Department of Surgery
John H. and Mildred C. Lumley Medical Research Chair
Surgeon-in-Chief, Wexner Medical Center
Director, Comprehensive Transplant Center

Jeffrey E. Janis, MD, FACS
Professor and Executive Vice Chairman
Chief of Plastic Surgery, University Hospitals
Department of Plastic Surgery

Dean Mikami, MD, FACS
Associate Professor of Surgery
Division of General and Gastrointestinal Surgery

Pete Muscarella, II, MD, FACS
Associate Professor of Surgery
Division of General and Gastrointestinal Surgery

Ismail Nabeel MD, MPH, FACOEM
Assistant Professor – Clinical
Division of General Internal Medicine/Occupational Medicine

Bradley Needleman, MD, FACS
Associate Professor of Surgery
Director, Bariatric Surgery
Director, Center for Minimally Invasive Surgery
Division of General and Gastrointestinal Surgery

Kyle Perry, MD, FACS
Assistant Professor of Surgery
Division of General & Gastrointestinal Surgery

Ali R. Rezai, MD
CEO, OSU Comprehensive Brain and Spine Center
Associate Dean of Neuroscience
Stanley and Joan H Ross Chair in Neuromodulation
Professor of Neurosurgery and Neuroscience
Director, OSU Center for Neuromodulation

Cameron Rink, PhD
Assistant Professor
Division of Vascular Diseases & Surgery

Chandan Sen, PhD, FACN, FACSM
Professor and Vice Chairman of Research, Department of Surgery
Associate Dean of Research, College of Medicine
Executive Director, OSU Comprehensive Wound Center
Director, Center for Regenerative Medicine and Cell-Based Therapies
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>11:30 am</td>
<td>Registration</td>
</tr>
<tr>
<td>12:00 pm</td>
<td>Welcome &amp; Introduction</td>
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<tr>
<td>12:15 pm</td>
<td>Guest Presentation: The Big Z</td>
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<tr>
<td>12:45 pm</td>
<td>Heller vs. Per Oral Endoscopic Myotomy</td>
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<td>1:15 pm</td>
<td>Deep Brain Stimulation for Obesity</td>
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<td>1:45 pm</td>
<td>Abdominal Wall Transplant</td>
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<td>2:15 pm</td>
<td>Break</td>
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<tr>
<td>2:30 pm</td>
<td>Google Glass</td>
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<tr>
<td>3:00 pm</td>
<td>Robotic Surgery</td>
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<tr>
<td>3:30 pm</td>
<td>Probe Based Confocal Microscopy</td>
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<td>4:00 pm</td>
<td>Break</td>
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<tr>
<td>4:15 pm</td>
<td>Regenerative Medicine</td>
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<tr>
<td>4:45 pm</td>
<td>Wound Healing</td>
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<tr>
<td>5:15 pm</td>
<td>Closing Comments, Evaluations</td>
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<td>5:30 pm</td>
<td>CME Program Dismissal</td>
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<td>7:00 pm</td>
<td>Dinner Reception at the Ohio Union</td>
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**Saturday, September 27, 2014**

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<tr>
<th>Time</th>
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<tr>
<td>9:00 am</td>
<td>Breakfast</td>
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<tr>
<td>9:00 am-12:00 pm</td>
<td>Hands-on Opportunities</td>
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<td>12:30 pm</td>
<td>Medical Center Tours</td>
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<td>3:00-6:00pm</td>
<td>Tailgate at the Blackwell Inn (Pre-Registration Required)</td>
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<tr>
<td>6:00pm</td>
<td>OSU vs. Cincinnati Football Game (Tickets on your own)</td>
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<tr>
<td>7:00 pm</td>
<td>Dinner Reception at the Ohio Union</td>
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Dr. Edwin H. Ellison, who was both surgeon and chemist, along with Dr. Robert M. Zollinger described what is now internationally called the Zollinger-Ellison syndrome. Their joint observation directed attention to previously underestimated hormonal effects on the stomach, explained a clinical entity manifested by ulcers that were difficult to treat, and offered a cure for the patients who suffered from the condition. The small tumors, gastrinomas, they discovered in the pancreas were not secreting insulin but produced gastrin, and this could lead to stomach ulcers.

Ellison made many fundamental contributions, with over 130 publications about gastrointestinal diseases, and he and Zollinger are forever linked to many who knew them both at Ohio State. Ellison received his undergraduate, medical degree, and residency training at OSU, and was professor of surgery at Ohio State when he left to become chairman of surgery at Marquette University. Always respected by other surgeons, he was president of the Society of University Surgeons and of the Central Surgical Society. In 1957, the year he left, the senior medical school class elected him Man of the Year. Dr. Larry Carey, who after Ellison’s death completed his planned atlas of gastrointestinal surgery, said of Ellison, “He was a very gentle man, often to his own disadvantage. The chastisement of house officers was a distasteful task left to those disposed to be more abrupt.” Carey became chairman of Zollinger’s department, and surely Ellison would have been pleased to know that his son, Dr. Edwin C. “Chris” Ellison, was chairman from 1999 to 2013 and holds the Zollinger Chair of Surgery.

E. Christopher Ellison, MD, FACS

Dr. E. Christopher Ellison is the Robert M. Zollinger Professor of Surgery and Chairman of the Department of Surgery. He currently serves as Associate Vice President for Health Sciences at Ohio State’s Wexner Medical Center and Vice Dean for Clinical Affairs in the College of Medicine. In 2011 Dr. Ellison was appointed CEO of the newly established Faculty Group Practice, leading the integration of all OSU physicians into the organization. He was recently named the College of Medicine Distinguished Professor.

Dr. Ellison obtained his Bachelor of Science degree in 1972, and his medical degree in 1976, both from the University of Wisconsin. His surgical residency was at Ohio State from 1976 to 1983, and included a gastroenterology research fellowship, 1978-1980. As a resident he trained under Dr. Robert Zollinger and Dr. Larry Carey. He served as director of the Ohio Digestive Institute at Grant Hospital in Columbus from 1987 to 1995. He returned to Ohio State and from 1993 until the present has been the Robert M. Zollinger Professor in the Department of Surgery, and Department Chairman since 2000. Dr. Ellison’s previous service at Ohio State includes division chief of General and Gastrointestinal Surgery, interim chair of the Department of Surgery and Chief of Staff of the hospitals.

His national and regional service has consisted of multiple roles. He was the examination chairman and then president of the American Board of Surgery. He has served as president of the American Association of Endocrine Surgeons, the Ohio Chapter of the American College of Surgeons, and the Central Surgical Society. Dr. Ellison currently serves as Chair of the American College of Surgeons Advisory Council for General Surgery. He has been an active member of at least 24 organizations in his specialty, and numerous committees at Ohio State and elsewhere. He has been the invited lecturer for various medical groups, and the featured lecturer at medical centers both national and international.

Ellison’s research continues to clarify the optimal management of gastrinoma. In 2006 he presented a fifty year follow-up on 106 patients with a potentially malignant hormone-secreting tumor no longer considered to be limited to the pancreas. Long term follow up made it possible for Ellison to discuss the possibility that therapy with H2 antagonists and proton pump inhibitors might temporarily obscure the presence of the tumors. He has written both to suggest consideration of early resection for a cure, and to urge development of a nationwide and standard staging for these malignancies. He has also published work related to other endocrinologic and genetic aspects of surgery, and as well as optimal treatment of pancreatic cysts, pancreatitis, and gall bladder disease. He led in the establishment of guidelines for laparoscopic surgery at Ohio State and then in concert with his colleagues developed a formal course to teach laparoscopic techniques to residents in surgery. He is co-author of the 9th edition of Zollinger’s Atlas of Surgical Operations with Dr. Robert M. Zollinger, Jr.

Having served as Chair of the American Board of Surgery and currently the Advisory Council for General Surgery at the ACS, his interests have evolved into surgical education and workforce issues. In 2008 Ellison published The Coming Shortage of Surgeons, co-authored with Dr. Thomas Williams and Dr. Bhagwan Satiani, to highlight the probability of a marked shortage of general surgeons in the years that lie ahead. This demographic change is supported by data accumulated by the group, documented with review articles, and then published in the book. He and his co-workers offered potential solutions in subsequent publications including the reentry of retired surgeons and establishing incentives to encourage surgeons to work in rural areas.
TRAVEL & ACCOMMODATIONS
Travel and hotel are the responsibility of the individual attendees. The Ohio State University is not responsible for travel arrangements. Please confirm course registration prior to hotel registration or the purchase of airline tickets. If you need special accommodations due to disability, please contact Heidi Pieper at (614) 293-9072.

RECOMMENDED HOTELS
The Blackwell Hotel
2110 Tuttle Park Place
Columbus, Ohio 43210
Phone: 614/247-4000
Website: http://www.theblackwell.com/

SpringHill Suites Columbus OSU
1421 Olentangy River Road
Columbus, Ohio 43212
Phone: 614/297-9912
Website: http://www.marriott.com/hotels/travel/cmhos-springhill-suites-columbus-osu/

Hyatt Place Grandview Yard
795 Yard Street
Columbus, OH 43212
Phone: 614/280-1234
Website: http://www.hyattplacecolumbusosu.com

Holiday Inn Express & Suites OSU
3045 Olentangy River Road
Columbus, OH 43202
Phone: 614/447-1212
Website: www.StayHoliday.OSU

AIR TRAVEL
It is recommended that you use Port Columbus International Airport, which is a 15-minute drive to the hotel.

To Register, visit https://ccme.osu.edu or mail your completed form to:
Heidi Pieper, Center for Minimally Invasive Surgery
558 Doan Hall; 410 W. 10th Ave., Columbus, OH 43210
Contact Phone: 614-293-9072 and Email: Heidi.Pieper@osumc.edu

REGISTRATION CANCELLATION POLICY
100% of the course fee will be refunded for cancellations received up to two weeks prior to the course. Cancellations received within two weeks prior to course will be refunded 50% of the registration fee.