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### ACADEMIC APPOINTMENTS

1980-1984 Instructor in Embryology, Department of Embryology, UNAM School of Medicine, Mexico City  
1982-1984 Instructor in Nephrology, UNAM School of Medicine, Mexico City General Hospital, Mexico City  
1991-1995 Instructor in Medicine, Harvard Medical School, Boston, MA  
1996-1997 Assistant Professor of Medicine, Harvard Medical School, Boston, MA  
1998-2001 Associate Professor of Medicine, University of Texas Medical Branch at Galveston, TX  
1999-2000 Clinical Associate Professor, MD Anderson Cancer Center, Houston, TX  
2001-2021 Professor of Medicine, University of Chicago Pritzker School of Medicine, Chicago, IL  
2004-2021 Professor of the University of Chicago Cancer Research Center, Chicago, IL  
2005-2021 Professor of Surgery, University of Chicago Pritzker School of Medicine, Chicago, IL  
2014 - 2021 Sara and Harold Lincoln Thompson Professorship  
2021 Professor, Department of Medicine and Surgery, Rush University Medical Center, Chicago, IL.

### HOSPITAL APPOINTMENTS

1991 Associate Physician, Gastroenterology Division, Department of Medicine, Beth Israel Hospital, Boston, MA  
1991-1998 Director of Interventional Endoscopy, Beth Israel Hospital, Boston, MA  
1991 Co-Director, Pancreatic Biliary Program, Gastroenterology Division, Beth Israel Hospital, Boston, MA  
1993 Consultant, Division of Gastroenterology at Children's Hospital, Boston, MA  
1993 Consultant, Division of Gastroenterology at New England Deaconess Hospital, Boston, MA  
1993 Member, Transfusion Committee at Beth Israel Hospital, Boston, MA  
1998-2001 Director of Endoscopy, University of Texas Medical Branch at Galveston, Galveston, TX  
2001-2007 Director of Endoscopy, University of Chicago, Chicago, IL  
2005-2007 Department of Medicine Clinician Task Force Committee, University of Chicago, Chicago, IL  
2006- 2014 Associate Director of the University of Chicago Center for Gastrointestinal (GI) Oncology  
2007-12 Member, University of Chicago BSD Committee on Appointments and Promotions (COAP)  
2007-2021 Director of the University of Chicago Center for Endoscopic Research and Therapeutics (CERT).  
2016-2019 Medical Director, Therapeutic Endoscopy, Advocate Illinois Masonic Medical Center.

2021 Director, Digestive Disease Service Line for Rush University System for Health  
2021 Chief, Division of Digestive Diseases & Nutrition for Rush University Medical Center

### **ACADEMIC TRAINING**

1975-1978 Undergraduate. Hebrew College "Tarbut", Mexico City  
1978 First Certificate in English. Cambridge University, U.K.  
1978 Certificate in Hebrew. University of Jerusalem, Israel  
1985 M.D. Universidad Nacional Autonoma de Mexico (UNAM), School of Medicine, Mexico City.  
2013 Leadership Strategies for Evolving Health Care Executives – Harvard School of Public Health Executive and Continuing Professional Education

### **Internships and Residencies**

1985-1986 Intern in Medicine, New England Deaconess Hospital, Harvard Medical School, Boston, MA  
1986-1987 Junior Resident in Internal Medicine, New England Deaconess Hospital, Harvard Medical School, Boston, MA  
1987-1988 Senior Resident in Internal Medicine, New England Deaconess Hospital, Harvard Medical School, Boston, MA

### **Fellowships**

1988-1989 Fellow in Gastroenterology, Georgetown University Hospital and Veteran's Administration Medical Center, Washington D.C.  
1989-1990 Medical Staff Fellow, Digestive Disease Branch, National Institutes of Health, Bethesda, MD  
1990-1991 Fellow in Gastroenterology, Georgetown University Hospital and Veteran's Administration Medical Center, Washington D.C.  
1990-1991 Interventional Fellow, Academic Medical Center, University of Amsterdam, the Netherlands

### **LICENSING AND BOARD CERTIFICATION**

1983 E.C.F.M.G. #376-254-0  
1987 Federation of State Medical Boards Exam (FLEX) #601023006  
1988 Diplomate in Internal Medicine ABIM #120034 (Sept. 15, 1988)  
1988 Massachusetts Medical License and Registration #59468  
1991 Diplomate in Gastroenterology #120034 (Nov. 5, 1991)  
2001 Illinois Medical License and Registration #036104074 (July 31, 2008)  
2004 Recertification in Gastroenterology (Dec. 31, 2013)  
2014 Recertification in Gastroenterology (Dec. 31, 2023)

### **MEMBERSHIPS/OFFICES/COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES**

1992 Member, New England Endoscopy Society  
1992 Member, American Gastroenterological Association  
1992 Honorary Member, Mexican Society of Internal Medicine  
1992 Member, International Hepato-Biliary-Pancreatic Association  
1993-1994 Appointed at the Board of Directors, Latino Health Institute, Boston, MA  
1994 Member, National Autonomous University of Mexico (UNAM) Alumni Association  
1994 Member, American College of Gastroenterology  
1994 Member, American Endoscopy Club  
1995 Member, American Society of Gastrointestinal Endoscopy  
1995 Appointed, Subcommittee on Endoscopic Utilization, American College of Gastroenterology  
1996-1998 Appointed, Technological Assessment Committee of the American Society of Gastrointestinal Endoscopy

1996-1998	Appointed, Head of Task Force looking at underutilization of Endoscopic procedures for the American College of Gastroenterology Subcommittee on Endoscopic Utilization
1998-2000	Appointed, Research Committee of the American Society of Gastrointestinal Endoscopy
1999	Fellow, American College of Gastroenterology (FACG)
1999-2000	Appointed, Task Force on Single-Use Accessories, ASGE
1999-2001	Appointed, International Committee, ASGE
2000	Elected, Secretary/Treasurer, Texas Gulf GI Society
2001-2002	Appointed, ad hoc EUS Committee of the American Society of Gastrointestinal Endoscopy
2001	Appointed, Organizing Committee on Imaging and Technology of the American Gastroenterology Association
2001-2002	Appointed, "EUS", ASGE Annual Scientific Program Committee
2001	Appointed, Sub-Chair, "EUS" Section, ASGE Annual Scientific Program Committee
2002	Appointed, Chair, "EUS" Section, ASGE Annual Scientific Program Committee
2003	Appointed, American College of Surgeons Oncology Group (ACOSOG) Gastrointestinal Organ Site Committee Core Group
2004	Member, the International Society for Diseases of the Esophagus
2004	Associate Investigator for the University of Chicago Cancer Research Center
2006-2009	Appointed, Chair, ASGE International Committee
2006	Elected Fellow of the ASGE (FASGE)
2007	Faculty Member, Faculty of 1000 Medicine
2008	Elected member of the Liver and Biliary (LB) Section of Nominating Committee, AGA Institute
2008	Invited member of the Technology Assessment Subcommittee, AGA Institute
2008	Appointed Vice-President for North America's region of the SIED (Sociedad Intramericana de Endoscopia Digestiva)
2009	Invited member of the Practice Management & Economics Committee, AGA Institute (2009-2012)
2011	Elected member of the Scientific Committee of the SIED (Sociedad Intramericana de Endoscopia Digestiva)
2011	Appointed member of the World Institute for Digestive Endoscopy Research-Barcelona N.O.T.E.S Team
2014	Appointed member of the Nominations Committee, ASGE (May 2013-May 2014)
2014	Honorary Co-Chair, Purple Stride Chicago, Pancreatic Cancer Action Network
2017	Appointed member of the Nominations Committee, AGA Esophageal, Gastric & Duodenal Disorders Section
2018	Member, Society of American Gastrointestinal and Endoscopic Surgeons
2019	Appointed Technology and Value Assessment Committee
2019	Member, the Medical Organization for Latino Advancement (MOLA)
2019	Appointment member of ACG Innovation and Technology Committee
2019	Member, Fellow of the Japan Gastroenterological Endoscopy Society (FJGES)
2020	Vice Chair of the Endoscopy, Technology and Imaging (ETI) Section, AGA Institute
2020	Invited member of the editorial board for Annals of Laparoscopic and Endoscopic Surgery (ALES)
2020	Member, Cancers MDPI Editorial Board

#### **AWARDS AND HONORS**

1985	Graduated with Honors for second place in grade average from the class of '85
1992	Nomination, Teacher of the Year, Harvard Medical School
1998	Nomination for Excellence in teaching award, UTMB Medical School
1990	Recipient of Wilson-Cook Fellow Award
2003-2013	Best Doctors in America

2004, 2006-07 Who's Who in Medicine and Healthcare  
2004-2005 America's Top Physicians, Consumer's Research Council of America  
2005-2017, 2019 America's Top Doctors for Cancer, Castle Connolly Medical Ltd  
2005-2016 America's Top Doctor, Castle Connolly Medical Ltd  
2006-2020 Chicago Magazine, Best GI Doctor  
2007 University of Chicago Department of Medicine Clinical Productivity Award  
2008 University of Chicago is awarded the distinction of "Center of Excellence in EUS"  
by Olympus America  
2010 Who's Who in America  
2011 David Y. Graham Lecture: "Endotherapy for Barrett's Esophagus: Cure or Quagmire",  
American College of Gastroenterology, 76th Annual Scientific Meeting & Postgraduate  
Course, Washington, DC  
  
2011-2013 Best Doctors: Top 1% in the United States – U.S. News and World Report  
2012 Top Doctors in Chicago, Chicago Magazine, Castle Connolly Medical Ltd  
2014 Best Doctors in America – 5% of US Physicians  
2014 On-Time Doctor Physician Recognition Award, Vitals  
2015 Top Doctors for Cancer – Newsweek Magazine  
2015 10 years as America's Top Doctors - Castle Connolly Top Doctors  
2016-2017 America's Most Honored Professionals – Top 1%, American Registry  
2016, 2018 Who's Who in America  
2016 Vitals Patients' Choice Award  
2016 Vitals Compassionate Doctor Award  
2009-2020 Chicago Magazine Top Doctors  
2017 University of Chicago Department of Medicine's Productivity Award for Procedure Activity  
2019 AGA Institute Council Imaging, Endoscopy and Advanced Technology (IEAT) Section  
Research Mentor Award

#### **CLINICAL SERVICE**

CERT Procedure Service: 8 half days a week  
Interventional Consult Service: 24/7 coverage 4 months annually  
Outpatient Clinic: ½ day per week

#### **MENTORSHIP**

1991 Andres, Pietro (Graduate student, Harvard Medical School)  
Currently: Gastroenterologist at Bridgeport Hospital and faculty in the Yale-affiliated  
Bridgeport Hospital GI Fellowship training program.  
  
1998 Raju, Gottumukkala (Interventional Fellow, Beth-Israel Deaconess Medical Center)  
Currently: Professor of Medicine and GI Fellowship Site Director, Department of  
Gastroenterology, Hepat,& Nutr, Division of Internal Medicine, The University of Texas  
MD Anderson Cancer Center, Houston, TX  
  
1999 Saitoh, Yusuke (Research fellow, University of Texas Medical Branch, Galveston)  
Current: Director, Digestive Disease Center, Asahikawa City Hospital, Japan  
  
2000 Parmar, Kiranpreet (Interventional Fellow, University of Texas Medical Branch at  
Galveston, TX) Currently: Assistant Professor of Medicine, Staten Island University  
Hospital, Staten Island, NY  
  
2001 Dye, Charles (Interventional Fellow, University of Chicago)  
Currently: Assistant Professor of Medicine, Penn State, Hershey Pennsylvania  
  
2002 Shami, Vanessa (Interventional Fellow, University of Chicago)

- Currently: Associate Professor of Medicine and Director of Endosonography, University of Virginia, Charlottesville, VA
- 2002 Villaverde, Augusto (Visiting Fellow, University of Chicago)  
Currently: Director of Endosonography, Hospital de La Plata, La Plata, Argentina
- 2003 Chi, Kenneth (Interventional Fellow, University of Chicago)  
Currently: Staff Physician, Advocate Lutheran General Hospital, Skokie, IL
- 2004 Larghi, Alberto (Interventional Fellow, University of Chicago)  
Currently: Director of Endosonography, Catholic University, Rome, Italy.
- 2006 Ross, Andrew (Interventional Fellow, University of Chicago)  
Currently: Chief of Gastroenterology Virginia Mason Medical Center, Seattle WA
- 2007 Herreros de Tejada, Alberto (visiting research fellow, University of Chicago)  
Currently: Director of Endosonography, Hospital Universitario Puerta de Hierro de Majadahonda, Autonomous University of Madrid.
- 2008 Chennat, Jennifer (Interventional Fellow, University of Chicago)  
Currently: Director of Therapeutic Endoscopy  
Director of Interventional Endoscopy Fellowship  
Co-Director of Endoscopic Ultrasound Program, Liver-Pancreas Institute  
Associate Professor of Medicine
- 2010 Konda, Vani (GI fellowship University of Chicago)  
Currently: Clinical Director, Center for Esophageal Diseases  
Baylor University Medical Center Health Texas Provider Network
- 2016 Chapman, Christopher (GI fellowship University of Chicago)  
Currently: Assistant Professor of Medicine Director of Bariatric Endoscopy
- 2017 Lang, Gabriel interventional fellow. Research mentor. Currently, Faculty at Washington University St Louis, Pancreatico-biliary center.
- 2017 Manzano, Maricarmen (research mentor) Currently: Faculty at the INCAN (Instituto Nacional de Cancerologia, Mexico City). Recipient of the LEAD training program by ASGE 2018.
- 2018 Rodriguez Ruiz, Gabriela (research mentor) Currently: Faculty minimally invasive surgery at PEMEX (national oil company med ctr) Medical Center, Mexico City

## **JOURNAL AFFILIATIONS**

Advisory Board to Nature Clinical Practice Gastroenterology and Hepatology.

Ad Hoc reviewer: American Journal of Gastroenterology.

Ad Hoc reviewer: Endoscopy.

Ad Hoc reviewer: Alimentary Pharmacology and Therapeutics.

Ad Hoc reviewer: Digestive Diseases and Sciences.

Ad Hoc reviewer: Gastrointestinal Endoscopy Clinics of North America.

Editorial Board Member: World Journal of Gastroenterology, 2007–2009.

Editorial Board for Gastrointestinal Endoscopy Review Letters (GERL), 2009-2013

Editorial Board Member: World Journal of Gastroenterology, 2010-2013

International Editorial Board of Revista Española de Enfermedades Digestivas (Spanish Journal of Digestive Diseases, official journal of the Spanish Gastroenterology Society) 2012-2016

Editorial Board Member: Curēus, 2013

Editorial Board Member: World Journal of Gastroenterology 2013

International editorial board member for Spanish Journal of Gastroenterology

International Advisory Board (IAB) of Digestive Endoscopy (DEN) 2017-2019

Editorial Board Member for Chinese Journal of Pancreatology 2019-

Invited member of the editorial board for Annals of Laparoscopic and Endoscopic Surgery (ALES) 2020-

#### **SCHOLARSHIP – BIBLIOGRAPHY**

Peer-reviewed works accepted or in press:

1. **Waxman I**, Gardner JD, Jensen RT, Maton PN. Peptic Ulcer Perforation as the Presentation of Zollinger-Ellison Syndrome (ZES). Digestive Diseases and Sciences, 1991 Jan; 36(1):19-24. PMID: 1984999
2. **Waxman I**, Al-Kawas F, Bass B, Glouderman M. PEG ileus: A New Cause of Small Bowel Obstruction. Digestive Diseases and Sciences, 1991 Feb; 36(2): 251-254. PMID: 1899068
3. **Waxman I**, Mathews J, Gallagher J, Kidwell J, Collen MJ, Lewis JH, Cattau EL, Al-Kawas F, Fleischer DE, Benjamin SB. Limited Benefit of Atropine as Premedication for Colonoscopy. Gastrointestinal Endoscopy, 1991 Sep; 37: 329-331. PMID: 2070984
4. Fockens P, **Waxman I**, Coene PPLO, Davis PMP, Huibregtse K. Long Term Follow Up of the First Implanted Wallstents (tm). Acta Endoscopica, 1991: 21: 457-462.
5. **Waxman I**, Baker B, Feinstone SM, Di-Bisceglie AM. Detection of Hepatitis C Viral RNA in Serum of a Patient with Acute non A, non B Hepatitis. American Journal of Gastroenterology, 1991 Sep; 86 (9):1240-1242. PMID: 1652887
6. **Waxman I**, Fockens P, Huibregtse K, Tytgat GNJ. Removal of Pancreatic Stent Using a New Stent Retrieval Device. Gastrointestinal Endoscopy, 1991 Nov-Dec; 37(6): 631-632. PMID: 1756924
7. Fockens P, **Waxman I**, Davids PH, Huibregtse KH, Tytgat GN. Early Recurrence of Obstructive Jaundice after Placement of a Self-expanding Endoprosthesis. Endoscopy, 1992 Jun; 24(5): 428-430. PMID: 1505492
8. **Waxman I**, Compton C. A 59-year-old Woman with Abdominal Pain and an Abnormal CT Scan. Case Records of the Massachusetts General Hospital. Case 30-1993. New England Journal of Medicine, 1993;329: 343-349.
9. Steer ML, **Waxman I**, Freedman SD. Chronic Pancreatitis. New England Journal of Medicine, 1995 Jun; 332(22):1482-1490. PMID: 7739686
10. **Waxman I**. Characterization of a Malignant Bile Duct Obstruction by Intraductal Ultrasonography (IDUS). American Journal of Gastroenterology, 1995 Jul; 90(7):1073-1075. PMID: 7611199
11. Van Berkel AM, Bergman JJGHM, **Waxman I**, Andres P, Huibregtse K. Self-expandable Metal Stents for Metastatic Biliary Obstruction. Is Patency the Same as for Primary Pancreato-Biliary Malignancies? Endoscopy, 1996 Jun; 28(5): 418-421. PMID: 8858229

12. **Waxman I**, Steer ML, Freedman SD. Endoscopic Assisted Direct Pancreatic Function Testing: A Simplified Technique. (Letter). *Gastrointestinal Endoscopy*, 1996 Nov; 44(5): 630. PMID: 8934181
13. Kozarek RA, Raltz S, Brugge W, Schapiro R, **Waxman I**, Boyce H, Baillie J, Branch S, Stevens P, Lightdale C, Lehman G, Benjamin S, Fleischer D, Axelrad A, Kortan P, Marcon N. Prospective Multi-center Trial of Esophageal Z-stent Placement for Malignant Dysphagia and Tracheoesophageal Fistula. *Gastrointestinal Endoscopy*, 1996 Nov; 44(5): 562-567. PMID: 8934162
14. Marshall AT, **Waxman I**. Image of the month. *Gastroenterology*, 1997 Feb; 112(2): 326, 673. PMID: 9024285
15. Shah SA, Movson J, Ransel B, **Waxman I**. Pancreatic Duct Stricture Length at ERCP Predicts Tumor Size and Pathological Stage of Pancreatic Cancer. *American Journal of Gastroenterology*, 1997 Jun; 92(6): 964-967. PMID: 9177511
16. Kozarek RA, Raltz S, Marcon N, Kortan P, Haber G, Lightdale C, Stevens P, Leaman G, Rex D, Benjamin S, Fleiscath D, Basmir R, Fry S, **Waxman I**, Benson J, Polio J. Use of the 25 mm Flanged Esophageal Z-Stent for Malignant Dysphagia: A Prospective Multicenter trial. *Gastrointestinal Endoscopy*, 1997 Aug; 46(2): 156-160. PMID: PMID: 9283867
17. **Waxman I**. Endosonography in the Columnar Lined Esophagus. *Gastroenterology Clinics of North America*. Philadelphia: W.B. Saunders, 1997 Sep; 26(3): 607-612. PMID: 9309408
18. David V, Reinhold C, Hochman M, Chuttani R, McKee J, **Waxman I**, Wang L, Li W, Kaplan R, Edelman RR. Pitfalls in the Interpretation of MR Cholangiopancreatography. *American Journal of Roentgenology*, 1998 Apr; 170(4): 1055-1059. PMID: 9530058
19. **Waxman I**, Freedman SD, Zeroogian JM. Endoscopic Therapy of Chronic Pancreatitis. *Digestive Diseases*, 1998 May-Jun; 16(3): 134-143. PMID: 9618132
20. **Waxman I**. Clinical Impact of High-Frequency Ultrasound Probe Sonography During Diagnostic Endoscopy: A Prospective Study. *Endoscopy*, 1998 Aug; 30 Suppl 1:A166-8. PMID: 9765117
21. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Assessment Status Evaluation: Update on Band Ligation. *American Society for Gastrointestinal Endoscopy. Gastrointestinal Endoscopy*, 1998 Jun; 47(6): 573-575.
22. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Assessment Status Evaluation: Tissue Sampling During Endosonography. *American Society for Gastrointestinal Endoscopy. Gastrointestinal Endoscopy*, 1998 Jun; 47(6): 576-578.
23. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Assessment Status Evaluation: Guidewire in Gastrointestinal Endoscopy. *American Society for Gastrointestinal Endoscopy. Gastrointestinal Endoscopy*, 1998 Jun; 47(6): 579-583.
24. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Assessment Status Evaluation: Botulinum Toxic Therapy in GI Endoscopy. *American Society for Gastrointestinal Endoscopy. Gastrointestinal Endoscopy*, 1998 Jun; 47(6): 569-572.
25. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Assessment Status Evaluation Update: Transvenous Intrahepatic Portosystemic Shunt (tips). *Gastrointestinal Endoscopy*, 1998 Jun; 47(6):584-587.
26. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Assessment Status Evaluation: Stents for Gastrointestinal Strictures. *American Society for Gastrointestinal Endoscopy. Gastrointestinal Endoscopy*, 1998 Jun; 47(6): 588-593.
27. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Status Evaluation: Device Reprocessing Companies. *Gastrointestinal Endoscopy*, 1998:48: 717-722.
28. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Status Evaluation: Endoscopic Ultrasonography. *Gastrointestinal Endoscopy*, 1998:48: 705-707.
29. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Status Evaluation Update: Endoscopic Pancreatic Therapy *Gastrointestinal Endoscopy*, 1998: 48: 723-726.

30. Carr-Locke DL, Branch MS, Byrne WJ, Conn MI, Laing K, Nelson DB, Peterson BT, **Waxman I**. Technology Status Evaluation: Developments in Laser Technology. *Gastrointestinal Endoscopy*, 1998;48: 711-716.
31. Logrono R, Vyas SH, Molina CP, **Waxman I**. Microcystic Adenoma of the Pancreas: Cytologic Appearance on Percutaneous and Endoscopic Ultrasound-Guided Fine Needle Aspiration: Report of a Case. *Diag Cytopathol*, 1999 May; 20(5): 298-301. PMID: 10319232
32. Carr-Locke DL, Conn MI, Faigel DO, Laing K, Leung JW, Mills MR, Nelson DB, Tarnasky PR, **Waxman I**. Technology Status Evaluation: Magnetic Resonance Cholangiopancreatography: November 1998. From the ASGE: American Society of Gastrointestinal Endoscopy: *Gastrointestinal Endoscopy*, 1999; 49 (6): 858-861. PMID: 10343251
33. Carr-Locke DL, Conn MI, Faigel DO, Laing K, Leung JW, Mills MR, Nelson DB, Smith P, Tarnasky PR, **Waxman I**. Technology Status Evaluation: Personal Protective Equipment: November 1998. From the ASGE: American Society of Gastrointestinal Endoscopy. *Gastrointestinal Endoscopy*, 1999; 49: 854-857. PMID: 10343250
34. **Waxman I**. Endoscopic Ultrasonography of Adenocarcinomas of the Esophagus and the Esophagogastric Junction. *Clinical Perspectives in Gastroenterology*, 1999; 2:116-119.
35. Specher SJ, **Waxman I**. Esophageal Leiomyomas. *Current Treatment Options in Gastroenterology*, 2000;3: 1-6.
36. Kemmer N, **Waxman I**. Biliary Tract Carcinoma. *Current Treatment Options in Gastroenterology*, 2000;3:113-119.
37. Abruzzese JL, Hawes RH, Xiong Q, **Waxman I**, Chang KJ, Evans DB. A Multispecialty Approach to the Diagnosis and Management of Pancreatic Cancer. *American Journal of Gastroenterology*, 2000 Jan; 95(1): 17-31.
38. **Waxman I**, Saitoh Y. Clinical Outcome of Endoscopic Mucosal Resection for Superficial Gastrointestinal Lesions and the Role of High Frequency Ultrasound Probe Sonography in an American Population. *Gastrointestinal Endoscopy*, 2000 Sep; 52(3): 322-327. PMID: 10968844
39. Parmar K, **Waxman I**. Endosonography of Submucosal Lesions. *Techniques in Gastrointestinal Endoscopy*, 2000; 2: 89-93.
40. Tamerisa R, **Waxman I**. Endoscopic Ultrasound and Barrett's Esophagus. *Techniques in Gastrointestinal Endoscopy*, 2000; 2: 194-198.
41. Raju GS, **Waxman I**. High Frequency Ultrasound Probe Sonography-Assisted Endoscopic Mucosal Resection. *Gastrointestinal Endoscopy*, 2000 Dec; 52(6 Suppl): S39-S49. PMID: 11115947
42. Abou-Saif A, Lei J, McDonald TJ, Chakrabarti S, **Waxman I**, Shojamanesh H, Schrupp DS, Kleiner DE, Gibril F, Jensen RT. A New Cause of Zollinger-Ellison Syndrome: Non-small Cell Lung Cancer. *Gastroenterology*, 2001 Apr; 120(5):1271-1278. PMID: 11266390
43. Sierra Y, **Waxman I**. Choledocholithiasis in the Setting of Portal Hypertension. *Current Treatment Options in Gastroenterology*, 2001 Apr; 4(2): 133-137. PMID: 11469971
44. **Waxman I**. Endosonography for Differentiating Benign from Malignant Intraductal Mucinous Tumors of the Pancreas: Is the Jury Out? *American Journal of Gastroenterology* (editorial), 2001 May; 96(5): 1323-1325. PMID: 11374662
45. Saitoh Y, **Waxman I**, West B, Popnikolov NK, Gatalica Z, Watari J, Obara T, Kohgo Y, Pasricha PJ. Prevalence and Distinctive Features of Flat Colorectal Adenomas in a North American Population. *Gastroenterology*, 2001 Jun; 120(7): 1657-1665. PMID:11375947
46. Logrono R, **Waxman I**. Interactive Role of the Pathologist in EUS-Guided Fine Needle Aspiration: An Efficient Approach. *Gastrointestinal Endoscopy*, 2001 Oct; 54(4): 485-490. PMID: 11577312
47. Rampy A, Waxman I, Xiao SY, Logrono R. Serous Cystadenoma of the Pancreas with Papillary Features. A Diagnostic Pitfall of Fine-Needle Aspiration Biopsy. *Arch Pathol Lab Med*, 2001 Dec; 125(12): 1591-4. PMID: 11735697
48. **Waxman I**, Saitoh Y, Raju GS, Watari J, Yokota K, Reeves AL, Kohgo Y. High Frequency Ultrasound Probe Sonography Assisted Endoscopic Mucosal Resection as a Therapeutic Strategy for Submucosal Tumors of the Gastrointestinal Tract. *Gastrointestinal Endoscopy*, 2002 Jan; 55(1): 44-49. PMID: 11756913
49. Jacobson BC, **Waxman I**, Parmar K, Kauffman JM, Clarke GA, Van Dam J. Endoscopic Ultrasound-Guided Gallbladder Bile Aspiration in Idiopathic Pancreatitis Carries a Significant Risk of Bile Peritonitis. *Pancreatology*, 2002; 2(1): 26-29. PMID: 12120002



50. Parmar K, Zwischenberger J, Reeves AL, **Waxman I**. Clinical Impact of Endoscopic Ultrasound Guided FNA of Celiac Axis Lymph Nodes (M1a Disease) in Esophageal Cancer. *Ann Thor Surg*, 2002 Mar; 73(3): 916-921. PMID: 11899201
51. Dye C, **Waxman I**. Interventional Endoscopy in the Diagnosis and Staging of Upper GI Malignancies. *Surg Oncol Clin N Amer*, 2002 Apr; 11(2): 305-320. PMID: 12424852
52. **Waxman I**, Dye C. Interventional Endosonography. *Cancer J*, 2002 May-Jun; 8 Suppl 1:S113-S124. PMID: 12075697
53. **Waxman I**. Endoscopic Mucosal Resection. Guest Editor in *Techniques in Gastrointestinal Endoscopy*, 2002: 4:1.
54. Dye C, **Waxman I**. Principals of EMR: Techniques and Role of EUS. *Techniques in Gastrointestinal Endoscopy*, 2002: 4: 2-9.
55. **Waxman I**. Endoscopic Mucosal Resection for Submucosal Tumors of the Gastrointestinal Tract. *Techniques in Gastrointestinal Endoscopy*, 2002: 4: 47-50.
56. TenBerge J, Hoffman BJ, Hawes RH, van Enckevort C, Giovannini M, Erickson RA, Catalano MF, Fogel R, Mallery S, Faigel DO, Ferrari AP, **Waxman I**, et al. EUS-Guided Fine Needle Aspiration of the Liver: Indications, Yield, and Safety Based on an International Survey of 167 Cases. *Gastrointestinal Endoscopy*, 2002 Jun; 55(7): 859-862. PMID: 12024141
57. **Waxman I**, Shami VM. Endoscopic Treatment of Early Gastroesophageal Malignancy. *Current Opinion in Gastroenterology*, 2002 Sep; 18(5): 587-594. PMID: 17033338
58. Dye C, **Waxman I**. Endoscopic Ultrasound. *Gastroenterology Clinics of North America*, Sept. 2002 Sep; 863-879. PMID: 12481735
59. Shami V, **Waxman I**. Endoscopic Ultrasound-Guided Fine Needle Aspiration in Esophageal Cancer. *Minerva Chirurgica*, 2002 Dec; 57(6): 811-818, PMID: 12592223
60. Kinney T, **Waxman I**. Treatment of Benign Esophageal Tumors: Treatment by Endoscopic Techniques. *Seminars in Thoracic and Cardiovascular Surgery*, 2003 Jan; 15(1): 27-34. PMID: 12813686
61. Klapman J, Logrono R, Dye C, **Waxman I**. Clinical Impact of On-Site Cytopathology Interpretation on Endoscopic Ultrasound-Guided Fine Needle Aspiration (EUS-GUIDED FNA). *American Journal of Gastroenterology*, 2003 Jun; 98(6): 1289-1294. PMID: 12818271
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16. Joffe N, Ernst R, Raptopoulos V, **Waxman I**. Intravenous 3-D Spiral CT-Cholangiography with Meglumine Iotroxate. Meeting of the American Society of Radiology, San Francisco, CA. May 1996.
17. Kozarek R, Raltz S, Marcon N, Kortan P, Lightdale C, Stevens P, Lehman G, Rex D, Benjamin S, Fleischer D, **Waxman I**. Prospective Multicenter Trial of 25 mm Flanged Esophageal Z Stents for Malignant Dysphagia. Presented at DDW, San Francisco, CA. May 1996.
18. **Waxman I**, Marshall A, Gaa J. Does MR Cholangiography Have a Clinical Application in the Management of Proximal Biliary Strictures? Presented at DDW, San Francisco, CA. May 1996.
19. **Waxman I**, Steer ML, Freedman SD. Evaluation of Chronic Pancreatitis (CP) by a Novel Endoscopic Assisted Secretin Pancreatic Function Test (East). Presented at DDW, San Francisco, CA. May 1996.
20. **Waxman I**. Does High Frequency Ultrasound Probe Sonography During Diagnostic Endoscopy Change Clinical Management and Outcome? Presented at the Plenary Session of the 61st Annual Scientific Meeting of the ACG, Seattle, WA. Oct 1996.

21. **Waxman I**, Chuttani R, McKee J. High Frequency Ultrasound Probe Sonography Allows for Optimal Endoscopic Mucosal Resection. *Gastrointestinal Endoscopy*, 1997: 45: 70.
22. **Waxman I**. Clinical Impact of High Frequency Ultrasound Probe Sonography During Diagnostic Endoscopy. A Prospective Study. *Gastrointestinal Endoscopy*, 1997:45:132.
23. Freedman SD, Bhaskar KR, Lewandrowski KB, Brugge W, Warshaw AL, Katz MH, Parker EM, **Waxman I**. A Diagnostic Marker for Cystic Lesions of the Pancreas. *Gastroenterology*, 1998: 114: a-597.
24. **Waxman I**. Clinical Outcome of Endoscopic Mucosal Resection for Superficial Gastrointestinal Lesions and the Role of High Frequency Ultrasound Probe Sonography. *Gastrointestinal Endoscopy*, 1998:
25. Rego R, Luthra GK, Nassif I, **Waxman I**, Pasricha PJ. Gastrointestinal Arterio-Venous Malformations: Clinical and Endoscopic Experience with 124 Patients and Analysis of Risk Factors. *Gastrointestinal Endoscopy*, 1998:
26. Saitoh Y, **Waxman I**. The Incidence of Flat and Depressed Colorectal Tumors in North America has Been Underestimated: Results of a Combined Prospective Japanese American Study. *Gastrointestinal Endoscopy*, April 1999: 49: ab67. Oral Presentation, DDW 1999 Orlando, Florida.
27. Saitoh Y, **Waxman I**. Can Assessment of the Surface Structure of Diminutive Polyps by Conventional Colonoscopy and ChromoEndoscopy Predict Histological Findings? A Prospective Study. *Gastrointestinal Endoscopy*, April 1999:49: ab68
28. **Waxman I**. Efficacy and Safety of High Frequency Ultrasound Probe Sonography-Assisted Endoscopic Mucosal Resection for Submucosal Tumors of the Gastro-intestinal Tract. *Gastrointestinal Endoscopy*, April 1999: 49: ab133. Presented at DDW 1999, poster of distinction, Orlando, Florida.
29. Oraevsky A, Savateeva E, Bell B, Motamedi M, Thomsen S, **Waxman I**, Karabutov A, Pasricha PJ. Laser opto-acoustic imaging of early mucosal cancer: Feasibility studies of a new diagnostic modality in a hamster model of oral cancer. *Gastrointestinal Endoscopy*, April 1999: 49: ab158
30. **Waxman I**. Evaluation of patients with Barrett's esophagus and high-grade dysplasia with a new high-frequency ultrasound probe. A prospective study. *Gastrointestinal Endoscopy*, April 1999:49: ab-161.
31. Raju GS, **Waxman I**, Pleskow D, Chuttani R. ASGE Guidelines on Therapeutic ERCP Training: Are They Appropriate? *Gastrointestinal Endoscopy*, April 2000:51: ab 3364.
32. Parmar KS, Fleming D, **Waxman I**. The Clinical Impact of Endoscopic Ultrasound Guided Fine Needle Aspiration in the Management of Colorectal Carcinoma. *Gastrointestinal Endoscopy*, April 2000: 51: ab-4572.
33. Parmar KS, Zwischenberger JB, **Waxman I**. Esophageal Dilation for Stenotic Esophageal Cancer Prior to EUS, Is It Still Contraindicated In 1999? *Gastrointestinal Endoscopy*, April 2000: 51: ab-7057.
34. Parmar KS, Sierra Y, Reeves A, **Waxman I**. Endoscopic Mucosal Resection Associated Complications, Towards Safer EMR. *Gastrointestinal Endoscopy*, April 2001: 53: ab-3287.
35. Shrestha S, Xiao S, Reeves AL, **Waxman I**. Can High Resolution and High- Magnification Endoscopy (HRHME) Accurately Predict the Presence of Specialized Intestinal Metaplasia in Patients with Barrett's Esophagus and Serve as a Surrogate Optical Biopsy? *Gastrointestinal Endoscopy*, April 2001: 53: ab-3446.
36. Parmar KS, Sierra Y, Reeves A, Zwischenberger JB, **Waxman I**. The Impact of Endoscopic Ultrasound Guided Fine Needle Aspiration on Survival in Patients with Esophageal Carcinoma. *Gastrointestinal Endoscopy*, April 2001: 53: ab-4123

## RESEARCH SUPPORT AND FUNDING

### Current:

- 2000 Equipment grant from Fujinon Photo Optical (150,000 USD) in High Resolution Endoscopes to evaluate "The role of High Resolution Endoscopy in identifying Endoscopic features that predict specialized intestinal metaplasia and dysplasia in Barrett's Esophagus."

- 2004 60,000 USD from Olympus America for: Endoscopic Interventional techniques and technologies as they relate to Endoscopic therapy and palliation of benign and malignant diseases of the GI tract.
- 2004 100,000 USD Equipment grant from Olympus America, High-Definition Endoscopes and 3-D Ultrasound catheters to study superficial GI neoplasias.
- 2004 80,000 USD Equipment grant for large animal interventional Endoscopic procedure research and development.
- 2005 250,000 USD Equipment grant from Olympus America, Imaging dysplastic epithelium in Barrett's esophagus.
- 2005 61,924 USD Sinicrope Grant (R01 CA 113681), NIH/NCI (subcontract), Aberrant Crypt Foci as a Biomarker for Chemoprevention. To Assess the Efficacy of Chemo preventive Agents (DFMO and Sulindac) to prevent ACF.
- 2006 Practice Plan Dean's Initiative GI Oncology Program. 850,000 USD Allocated to Interventional Endoscopy Program.
- 2006 22,500 USD ACG Research Grant, Chromocolonoscopy for the Detection of Flat Adenomas in Routine Colorectal Screening.
- 2007 30,000 USD ASGE Research & Outcomes & Effectiveness Award, Endoscopic Ultrasound Guided Fine Needle Acquisition versus Fine Needle Aspiration for the Diagnosis of Solid Lesions of the Upper Gastrointestinal Tract.
- 2007 12,500 USD Cook Medical: Evaluation of multiple needle use in EUS-FNA for pancreatic cancer (EMUNE 07)
- 2015 Rolfe Foundation \$50,000 for the project: "Detection of Portal Vein Circulating Tumor Cells in Pancreatic Cancer"
- 2015 Gerald O. Mann Charitable Foundation \$ 250,000 to be shared between Dr Kevin White from the Chicago Pancreatic Cancer Initiative and Dr Irving Waxman from CERT for collaborative work on Pancreatic Cancer

Past:

- 1990 Recipient of Wilson-Cook Fellow Award
- 1996 Awarded research grant in clinical gastroenterology from the American College of Gastroenterology for, "Evaluation of Patients with Barrett's Esophagus and High Grade Dysplasia with a New High-Frequency Ultrasound Probe." (Completed)

**US Patents**

Minimally invasive methods for diagnosis of pancreatic diseases. Co-inventor of a technique for simplified pancreatic function testing. US patent # 5651769.

Flexible Surgical Needle Device. US patent # US2005045264

Method, apparatus and kit for bile or pancreatic duct endoscopy. Patent # 20060235269

**TEACHING EXPERIENCE AND INVITED SPEAKING (National and International)**

National

- 1980-84 Organized and designed laboratory activities for the Department of Embryology UNAM School of Medicine.
- 1991 Coordinated and ran a weekly multidisciplinary meeting in which all pancreatico-biliary cases are discussed and which has been awarded type 1 CME credits by Harvard Medical School. In addition, an invited guest speaker lectures on the subject three to four times a year.
- 1992 Surgical Grand Rounds, "Endoscopic Therapy for Chronic Pancreatitis." Beth Israel Hospital, Boston, MA.
- 1992 Tutor, Human Systems Gastrointestinal Pathophysiology Course. Harvard Medical School, Boston, MA
- 1993 Preceptor, Patient/Doctor II Course, Introduction to Clinical Medicine. Harvard Medical School, Boston, MA.
- 1993 Feb Grand Rounds, "Endoscopic Management of Chronic Pancreatitis." Massachusetts General Hospital, Boston, MA.
- 1993 Sep Grand Rounds, "Endoscopic Therapy of Chronic Pancreatitis." Framingham Union Hospital, Framingham, MA.
- 1993 Oct Hepatobiliary manifestations of AIDS. Intense review of gastroenterology and hepatology. Post-Graduate Course. Harvard Medical School, Boston, MA.
- 1993 Oct Esophageal Cancer. AGA Center of Excellence in Swallowing Disorders, Boston, MA.
- 1993 Tutor and Mini Case Reviewer. Human Systems Gastrointestinal Pathophysiology Course. Harvard Medical School, Boston, MA.
- 1994 Jun Endoscopic Laser Photocoagulation of Gastrointestinal Bleeding. Update in Laser Medicine and Surgery of the Upper Aerodigestive Tract. Harvard Medical School and Harvard Medical Laser Center, Boston, MA.
- 1995 Tutor and Mini Case Reviewer. Human Systems Gastrointestinal Pathophysiology Course. Harvard Medical School, Boston, MA.
- 1995 Apr Presenter, "Endoscopy: Tricks of the Trade." Comprehensive Review of Gastroenterology Postgraduate Course. Harvard Medical School, Boston, MA.
- 1995 Oct Presenter, "Hepatobiliary Manifestations of AIDS." Intensive Review of Gastroenterology and Hepatology Postgraduate Course. Harvard Medical School, Boston, MA.
- 1995 Nov Director, Endosonography Postgraduate Course, Department of Continuing Education. Harvard Medical School, Boston, MA.
- 1995 Nov Ultrasound Probe Endosonography. Endoscopic Ultrasonography, Harvard Medical School Postgraduate Course. Harvard Medical School, Boston, MA.
- 1996 May Meet the Professor Session, "Endoscopy: Tricks of the Trade." Comprehensive Review of Gastroenterology Postgraduate Course. Harvard Medical School, Boston, MA.
- 1996 May Hepatobiliary Manifestations of AIDS. Comprehensive Review of Gastroenterology Postgraduate Course. Harvard Medical School, Boston, MA.
- 1996 Oct Presenter, "Clinical Applications of Molecular Biology: Advances in Pancreatic Cancer." Comprehensive Multi-specialty Approach to the Diagnosis and Management of Pancreatic Cancer in conjunction with the 61st Annual Scientific Meeting of the American College of Gastroenterology. Seattle, WA.
- 1996 Nov Director, Endosonography Postgraduate Course. Harvard Medical School, Boston, MA.
- 1997 Mar Hepatobiliary Complications of HIV Disease. Greater Boston AIDS Provider Group Series. Harvard AIDS Institute, Boston, MA.
- 1997 Jun Surgical Grand Rounds, "Endoscopic Ultrasonography." Beth Israel Deaconess Medical Center, Boston, MA
- 1997 Aug Invited Speaker, "Barrett's Esophagus." New England Endoscopy Society Summer Course Series. Beth Israel Hospital, Boston, MA.
- 1997 Sep Invited Faculty, The Second ASGE Hands-On Course in Advanced Pancreatobiliary Endoscopy. Endo-Surgery Institute, Cincinnati, OH.
- 1997 Sep Endoscopic Management of Bile Duct Injuries. Transplant Conference Seminar. Beth Israel Deaconess Medical Center, Boston, MA.

1997 Nov	Director, Endosonography Postgraduate Course. Harvard Medical School, Boston, MA.
1998 Mar	Invited Speaker, "Clinical Applications of High Frequency Ultrasound Probe Sonography." MD Anderson Cancer Center, Houston, TX.
1998 May	Invited Guest Faculty, ASGE Postgraduate Course. DDW 1998, New Orleans, LA.
1998 May	Medical Grand Rounds, "Endoscopic ultrasound." University of Texas Medical Branch at Galveston, Galveston, TX.
1998 May	Invited Speaker, 5th Annual Primary Care Internal Medicine Update on Principals and Practice. Galveston, TX.
1998 Jun	Invited Faculty, The 3rd ASGE Hands-On Tutorial in Advanced ERCP. Cincinnati, OH.
1998 Sep	Invited Faculty, NIH-Veteran's Health Administration Symposium on the Columnar Lined Barrett's Esophagus. Boston, MA.
1998 Oct	Invited Speaker, "Endoscopic Ultrasound, Fact and Fiction." Houston Gastroenterological Society, Houston, TX.
1998-1999	Lecturer, "Endoscopic Ultrasonography, Facts or Fiction." Community Outreach Program, CME office. UT-Med (Mainland Medical Center 10/98, Space Center, Nassau Bay 4/99, Conroe Regional Med Ctr 7/99, St. Mary's Hospital, Port Arthur 7/99).
1999 Jun	Invited Faculty, "The 4th ASGE Hands-on Tutorial in Advanced ERCP". Cincinnati, OH.
1999 Sep	Invited Speaker, "Endoscopic Ultrasound in GI Malignancies." Annual Meeting of the Texas Society for Gastroenterology and Endoscopy. Co-sponsored by ACG, Houston, TX.
1999 Oct	Guest Speaker, "Clinical Applications of Endosonography". Kansas City Gut Club, Kansas City, KA.
1999 Nov	Co-Director and Faculty, "Endoscopic Ultrasonography Course." Harvard Medical School, Boston, MA.
1999-2000	Co-Director, The Second Annual Gastroenterologic Evening with the Experts 1999-2000 The Houstonian Hotel, Houston TX.
2000 Apr	Faculty, 2nd ASGE Hands-On Tutorial on EUS Course, Cincinnati, OH.
2000 Apr	GI Ground Rounds, "Clinical Applications of High Frequency Ultrasound probe Sonography." Massachusetts General Hospital, Boston, MA.
2000 May	Invited Speaker, "Enteral Stents" and "Update in EUS." Department of the Air Force, Wilford Hall USAF Medical Ctr and UT San Antonio, San Antonio, TX.
2001 Feb	Invited Speaker, Midwest Clinical Conference. Chicago Medical Society, February 22-25, Chicago, IL.
2001 Feb	Invited Speaker, Grand Rounds, "EUS Facts & Fiction", University of Chicago, Dept. of Med., February 27, Chicago, IL.
2001 Apr	Co-Director, "ASGE Hands-On Tutorial on EUS." Cincinnati, OH.
2001 May	Speaker, GIRF (Gastrointestinal Research Foundation) Women's Board Luncheon Meeting, May 1, Skokie, IL.
2001 May	Presenter, Surgical Grand Rounds, University of Chicago. "Endoscopic Ultrasonography, Facts and Fiction." May 9, University of Chicago, Chicago, IL.
2001 May	University of Chicago Section of General Surgery, Seventh Annual Symposium: Management of Benign, Premalignant and Malignant Disease in the New Millennium, May 18, Chicago, IL.
2001 May	Invited Speaker, "Rectal Cancer Symposium" co-sponsored by the ASGE, AGA and SSAT. Digestive Diseases week, Atlanta, GA.
2001 May	Session Moderator, "Endoscopic Techniques: Stomach and Intestine." ASGE Digestive Diseases Week. Atlanta GA.
2001 Sep	Speaker, GIRF Board of Directors Luncheon. September 20, Chicago, IL.
2001 Sep	Invited Speaker, "Clinical Applications of Endoscopic Ultrasonography." September 25, Kankakee, IL.
2001 Oct	Speaker, 3rd Annual National Oncology Forum. October 13-14, Washi, D.C.
2001 Nov	Course Director, Endoscopic Ultrasonography Live 2001. November 9-11, Boston, MA.
2002 Jan	Invited Faculty, "Back to Basics IV Course," ASGE/ACG. January 11-13, Scottsdale, AZ.
2002 Mar	Course Director, Frontiers of Interventional Endoscopy Workshop. March 1, Chicago, IL.



2002 Mar Invited Faculty, American Society for Gastrointestinal Endoscopy's First Year Fellows Endoscopy Course. March 8–10, Chicago, IL.

2002 Mar Invited Faculty, ASGE 18th Interim Postgraduate Course. March 22–23, Boston, MA.

2002 Apr Director, ASGE Hands-on EUS Training Course. April 5–6, Cincinnati, OH.

2002 May Invited Lecturer, Univ. NC & Duke Univ., Carolinas Fellows Conference. May 4–5, Myrtle Beach, SC.

2002 May Invited Speaker, "Recent Advances in GI interventional Endoscopy." Kiswaukee Community Hospital, May 7, DeKalb, IL.

2002 May Co-moderator, "Innovations in EUS Imaging." Digestive Disease Week (DDW), May 20 San Francisco, CA.

2002 May Co-chair and Speaker, Combined Clinical Symposium Pancreatic Cancer. DDW, May 20. San Francisco, CA

2002 May Speaker, Meet the Professor Luncheon Program: "Endoscopic Ultrasound, The Next Generation." DDW, May 21, San Francisco, CA.

2002 May Presenter, ASGE Topic Forum New Technology, "Fluid Jet-Assisted Endoscopic Mucosal Resection." DDW, May 21, San Francisco, CA.

2002 May Faculty, ASGE Annual Postgraduate Course "Cholangiocarcinoma: Diagnosis and Intraductal EUS." DDW, May 23, San Francisco, CA.

2002 Oct Invited Faculty, ASGE First Year Fellows Endoscopy Conference. October 11–13, Chicago, IL.

2002 Oct Presenter, American College of Gastroenterology, 67th Annual Scientific Meeting and Postgraduate Course, October 18–23; Georgetown Theatre, October 21 "Endoscopic Removal of Duodenal Adenoma," Seattle, WA.

2002 Oct Presenter, "Biliary Obstruction." University of Chicago Topics in Internal Medicine Lecture Series. October 24, Chicago, IL.

2002 Nov Course Director, Endoscopic Ultrasonography Live 2002. University of Chicago Campus, November 22–24, 2002, Chicago, IL.

2003 Feb Presenter, CME Edward Hospital, "Frontiers in Interventional Endoscopy." February 13, Naperville, IL.

2003 Mar Invited Faculty, ASGE Hands on EUS Course. February 28–March 1, Cincinnati, Ohio.

2003 May Speaker, ASGE EUS Poster Grand Rounds. May 19–20, Orlando, Florida.

2003 May Moderator, "Endoscopic Mucosal Resection," ASGE Clinical Symposium. May 19–23, Orlando, Florida.

2003 Oct Presenter, Georgetown Theater, ACG, Baltimore, Maryland, October 12–13.

2003 Nov Invited Faculty and Speaker, ASGE First Year Fellow's Endoscopy Course. November 8–9, Chicago, Illinois.

2003 Nov Course Director, Endoscopic Ultrasonography Live 2003. Harvard Medical School, November 14–16 Boston, Massachusetts.

2004 Apr Clinical Visiting Professor, "EMR for Barrett's Esophagus: A technique waiting for an indication?" Stanford University Gastroenterology Section.

2004 May Course Director, "Endoscopic Surgery: Endoscopy for the Next Millennium, A Problem Based Approach," ASGE 2004 Annual Post-Graduate Course. DDW, New Orleans, LA.

2004 May Presenter, ASGE Topic Forum: Endoscopic Mucosal Resection – "Holmium Laser Assisted Mucosectomy (HLAM)." DDW, May 17, New Orleans, LA.

2004 May Presenter, ASGE Topic Forum: New Technology – "A Novel Gene Transfer Therapy Against Pancreatic Cancer (TNFerade) Delivered by Endoscopic Ultrasound (EUS) and Percutaneous Guided Fine Needle Injection (FNI)." DDW, May 17, New Orleans, LA.

2004 May Speaker, Meet-the-Professor Luncheon (ASGE): EMR. DDW, May 17, New Orleans, LA.

2004 May Presenter, Poster Grand Rounds: EUS-1 Biliary. DDW, May 18, New Orleans, LA

2004 May May Meet the Professor Luncheon (AGA): Endoscopic Mucosal Resection. DDW, May 18, New Orleans, LA.

2004 May Presenter, "Clinical Impact of Conventional Endoscopy in Patients with Barrett's Esophagus and High-Grade Dysplasia or Intramucosal Carcinoma Referred for Endoscopic Ablation Therapy." ASGE Topic Forum: Novel Applications of EUS in Clinical Practice, DDW, May 18, New Orleans, LA.

2004 Jul IL.	Invited Speaker, "Endoscopic Ultrasound," Chicago SGNA Seminar, July 17, Rockford, IL.
2004 Oct	Invited Speaker, "The Interventional Endoscopic Ultrasonographer – Tumors, Lymph Nodes, Pseudocysts, Nerve Blocks and Beyond," ASGE Postgraduate Course. October 29, Orlando, FL.
2004 Oct	Meet the Professor Luncheon (ASGE): EMR in the GI Tract. October 29, Orlando, FL.
2004 Oct	Invited Speaker, ACG Postgraduate Course, Postgraduate Workshop: Advances in ERCP, ERCP Difficult Cannulation. October 30, Orlando, FL.
2004 Nov	Course Director, Endoscopic Ultrasonography Live 2004, University of Chicago Campus. November 19–21, Chicago, IL.
2004 Dec	Invited Speaker, "Detection and EMR of Flat and Depressed Colon Polyps in Western Populations", AGA/JSGE Joint Meeting, Endoscopic Imaging and Therapy at the Cutting Edge. December 1–2, Washington, DC.
2005 Jan	Presenter, Gastroenterology and Hepatology Grand Rounds, "Pancreatitis", University of Wisconsin Medical School. January 11, 2005, Madison, WI.
2005 Mar	Presenter, Medicine Grand Rounds, "Endoscopic Treatment of Barrett's Esophagus", University of Virginia. March 21 – 22, 2005, Charlottesville, Virginia.
2005 Mar	Visiting Professor, "Detection and EMR of Flat and Depressed Colon Polyps in Western Populations," University of Virginia. March 21–22, Charlottesville, VA
2005 Mar	Visiting Professor, "Interventional Endosonography: The next frontier." Brown University Rhode Island Hospital. March 23–24, 2005, Providence, Rhode Island.
2005 May	Moderator, DDW 2005, May 14–19, Chicago, IL.
2005 May	Course Director, "Advanced Endoscopy Skills Hands On Session", ASGE 2005 Annual Post-Graduate Course. DDW, May 14 – 15, Oak Brook, IL.
2005 May	Course Faculty, "Acute Pancreatitis and its Complication," AGA 2005 Spring Post-Graduate Course. DDW, May 14–15, Chicago, IL.
2005 May	Co-Chair, "Wireless Capsule Endoscopy," AGA Research Forum. DDW, May 17, Chicago, IL.
2005 May	Co-Moderator, "Small Bowel Imaging: From Capsule to Double Balloon," ASGE Topic Forum. DDW, May 17, Chicago, IL.
2005 May	Presenter, ASGE/AGA Combined Research Forum: "Barrett's Esophagus." DDW, May 17, Chicago, IL.
2005 May	Speaker, Meet-the-Professor Luncheon (ASGE): EMR. DDW, May 17, Chicago, IL.
2005 May	Presenter, "Double Balloon Enteroscopy." (Fujinon). DDW, May 16, Chicago, IL.
2005 Jun	Invited Faculty, "Screening for Pancreatic Cancer in High Risk Families." University of Chicago. June 4, Chicago, IL.
2005 Jul	Invited Faculty, "Radial and Linear EchoEndoscopes/Technology." EUS 2005 Course, July 28–30, Mayo Clinic, Rochester, Minnesota.
2005 Jul	Invited Faculty, "Intraductal Ultrasound and EMR." EUS 2005 Course, July 28–30, Mayo Clinic, Rochester, Minnesota.
2005 Sep	Invited Faculty, "Advanced Techniques." ASGE First Year Fellows Course, September 16–18, Oak Brook, IL.
2005 Oct	Invited Speaker, "Intraductal Ultrasound." 4th Annual Symposium on Gastrointestinal Cancers, October 1, St. Louis, MO.
2005 Nov	Course Director, Endoscopic Ultrasonography Live 2005. November 11-13, Boston, MA
2006 Jan	Presenter, "Innovations in Endoscopy," and "Early Diagnosis and Management of Carcinoid Tumors." AGA CME Café Case-Based Workshop, Jan. 7, 2006, Chicago, IL.
2006 Feb of	Presenter, Medical Grand Rounds, "Barrett's Esophagus – An Update." State University New York Downstate Medical Center (SUNY Downstate). Feb. 9, 2006, Brooklyn, NY.
2006 Mar	Invited Faculty, "Endoscopic Mucosal Resection." ACG Stowe Conference on Digestive Diseases, University of Vermont, March 2–4, Stowe, Vermont.
2006 Mar	Invited Faculty, "The Role of Endo-surgery in Foregut Cancer – The Future Has Arrived." SSO Annual Cancer Symposium, March 23–26, San Diego, California.
2006 Mar	Invited Faculty, "Endoscopy Video Case Presentation," "Endoscopic Pseudocyst Drainage with and without EUS," and "Flat Adenomas in the US Population: You Will Find

- Them if You Look for Them But How?" University of Texas Medical Branch International Workshop on Therapeutic Endoscopy with GI/Hepatology Update, March 24–26, Galveston, Texas
- 2006 Apr Invited Speaker, "Diagnostics and Tumor Measurement." Pancreatic Cancer Symposium, April 7, Chicago, IL.
- 2006 Apr Invited Faculty, "Learning to Perform EUS," and "SEMS/Esophageal Stenting" (Hands-On Demonstration). ASGE Advanced Endoscopy Course, April 28–29, Oak Brook, IL.
- 2006 May Presenter, Medical Grand Rounds, "New Frontiers in Interventional Endoscopy." Northwestern University School of Medicine, May 4, Chicago, IL.
- 2006 May Course Faculty, "Early Mucosal Lesions: Diagnostic and Therapeutic Options," SSAT Post-Graduate Course. DDW, May 21, Los Angeles, CA.
- 2006 May Co-Moderator, "Endoscopic Treatment of Perforations, Fistulas and Mucosal Defects." ASGE Clinical Symposium. DDW, May 22, Los Angeles, CA.
- 2006 May Speaker, Meet-the-Professor Luncheon (ASGE): Emerging Technologies. DDW, May 22, Los Angeles, CA.
- 2006 May Presenter, "Double Balloon Enteroscopy." (Fujinon). DDW, May 22, Los Angeles, CA
- 2006 Jul Course Dir, "Double Balloon Enteroscopy." ASGE Course, July 14–15, Oak Brook, IL.
- 2006 Aug Invited Speaker, "How to do a 10-Minute Colonoscopy," and "Intraluminal Surgery: How to Handle the Difficult Polyp." Expert Strategies for the Treatment of Upper Gastrointestinal Disorders: Focus on New Technologies, August 12-13, Chicago, IL.
- 2006 Sep Invited Speaker, "Interventional Endoscopy Program: Present & Future." GIRF Board Meeting, September 21, 2006, Chicago, IL.
- 2006 Oct Invited Speaker, "ERCP/EUS: Update and New Magic Tricks from the University of Chicago." West Suburban Gut Club Meeting, October 9, Oak Brook, IL.
- 2006 Nov Course Director, "Advances in Interventional Endoscopy." University of Chicago Postgraduate Course, November 11-12, 2006, Chicago, IL.
- 2006 Nov Invited Faculty, "Role of EUS and EMR in Barrett's Esophagus and High Grade Dysplasia," "Endoscopic Mucosal Resection – Indications, Technique, and Complications," "Endoscopic Therapy for Variceal Bleeding," and "Emerging Endoscopic Technology for Diagnosis and Intervention." Disorders of the Upper Alimentary Tract: Diagnostic and Therapeutic Innovations and Interventions, November 30-December 2, 2006, Orlando, FL.
- 2007 Jan Presenter, Lutheran General GI Grand Rounds, "Update in Therapeutic Endoscopy." January 24, 2007, Park Ridge, IL.
- 2007 Feb Presenter, University of Connecticut GI Grand Rounds, "Management of Pancreatic Pseudocysts." February 7, 2007, Farmington, CT.
- 2007 Apr Visiting Professor, State Univ of New York at Buffalo GI Research Conf, "Endoscopic Treatment of Barrett's Esophagus: Ready for Prime-Time?" April 26-27, 2007.
- 2007 May Presenter, GI Clinical Conference, "Pancreatic Fluid Collections: Which, When, How and Who." University of Chicago, May 4, Chicago, IL.
- 2007 May Invited Speaker, "Advanced Endoscopic Techniques." Northwest Suburban Gut Club, May 9, Barrington, IL.
- 2007 May Invited Speaker, Meet-the-Professor Luncheon (ASGE): Endoscopic Mucosal Resection. DDW, May 21, Washington, DC.
- 2007 May Moderator, "Global Advances in Endoscopic Imaging" (Fujinon). DDW, May 21, Washington, DC.
- 2007 May Symposium Chair, "Dysplasia in Barrett's Esophagus: Pathological, Molecular, Endoscopic and Clinical Issues" (AGA). DDW, May 22, Washington, DC.
- 2007 May Invited Speaker, "How to Ablate." ASGE Clinical Symposium. DDW, May 22, Washington, DC.
- 2007 May Course Director, Hands-On Session: "EMR and Clipping Techniques" (ASGE). DDW, May 23, Washington, DC.
- 2007 Jun Director and Speaker, "What's New in the Diagnosis & Staging of Pancreatico-biliary Malignancies?" University of Chicago GI Oncology Symposium, June 8, Chicago, IL.

2007 Jul Invited speaker, "Looking into the Small Intestine: Going Where No One Has Gone Before" Lee Memorial Health System, Clinical Advances in Gastroenterology Conference, Fort Meyers, FL

2007 Aug Invited speaker, "Endoscopic Management of Barrett's Esophagus" MD Anderson Cancer Center. Institutional Medical Ctr Grand Rounds, Houston, TX

2007 Nov Invited Faculty "Pancreatico-biliary imaging at the dawn of the 21st century" University of Chicago Hospitals Internal Medicine CME Lecture, Chicago, IL

2007 Nov Invited Speaker, "Clinical Applications: Esophageal Disease" University of Kansas School of Medicine and Medical Center, Update on Endoscopic Imaging: High Resolution, High Definition and Narrow Banding Imaging Workshop, Kansas City, MO

2007 Dec Invited Presenter, "Endoscopic Therapies for Barrett's and Early Esophageal Cancer" and "Endoscopic Mucosal Resection" University of Texas SouthWestern "What's New in Gastroenterology & Hepatology", Dallas, TX

2008 Jan Invited Speaker, "Endoscopic Resection Techniques for Esophageal and Gastric Cancer" GI Cancer Symposium, Orlando, FL

2008 Feb Invited Presenter, Hands-On EMR session, ASGE Advanced Endoscopy Series Course "Beating Barrett's Esophagus: Expert management Techniques" Oak Brook, IL

2008 Mar Invited Faculty, "Decision Making in Barrett's Ablation" ACG Stowe Conference on Digestive Diseases, Stowe, Vermont

2008 May Moderator, "Endoscopic Mucosal Resections and beyond" ASGE Interactive Technology Session, DDW, San Diego, CA

2008 Jun Invited Speaker, "Imaging of Upper GI Diseases" University of Kansas School of Medicine and Medical Center, Update on Endoscopic Imaging: High Resolution, High Definition and Narrow Banding Imaging Workshop, Chicago, IL

2008 Jul Invited Speaker, "Endoscopic Management of Barrett's Esophagus. Ready for prime time?" Minnesota Gut Club, Minneapolis, MN

2008 Aug Faculty Co-Chair, 3rd International Conference on Double Balloon Endoscopy 2008 (ICDBE) Chicago, IL

2008 Sep Invited Faculty, "Advanced Endoscopic Techniques in the Diagnosis, Staging, and Management of Pancreatic Cancer", Innovations in the Multidisciplinary Treatment of Pancreatic Cancer, GI Pancreatic Cancer Symposium, Chicago, IL

2008 Sep Invited Faculty, "Latest Advances in Esophageal Pathology" with Dr. John Hart and Dr. Amy Noffsinger, College of American Pathologists Annual Meeting 2008, San Diego, CA

2008 Oct Invited Faculty, "EMR+ESD: The State of Mucosal Resection in the United States", "How to Treat: Resect, Ablate, or Operate?" ASGE Post Graduate Course – Monumental Changes in Endoscopic Practice and Technology: Tooling Up for Tomorrow. Orlando, FL

2008 Oct Moderator and Speaker, "Detecting and Treating Flat Cancers", Competitive Scientific Advantages, The 9th International Virtual Colonoscopy Symposium 2008, Boston MA

2009 Jan Invited Speaker, Focus: Duodenal Stenting, Biliary Stenting w/ focus on Metal vs. Plastic (Diseases, Indications, Procedures), Boston Scientific National Sales Mtg, Tucson, AZ

2009 Mar Invited Faculty, "Internation Multi-Center Study", "Epidemiology and Diagnosis of BE. Clinical management, what is the next step after diagnosis? (US)", Barrett's Interest Group International Meeting - Olympus, Miami, FL

2009 Apr Invited Speaker, "Endoscopic Mucosal Resection" and "Endoscopic Resection and Ablation – Challenges" Advanced Techniques in Esophageal Disease: Barrett's Esophagus, Strictures and Stents, ASGE, Oak Brook, IL

2009 Apr Course Director, "Advanced Endoscopy Techniques" ASGE Course during DDW, 2009 Aug Invited Speaker, "Diagnosis and Treatment of Pancreatic and Biliary Disorders", The AGA's fifth annual program, Principles of Gastroenterology for the Nurse Practitioner and Physician Assistant, Chicago, Illinois Chicago, IL

2009 Sep Invited Speaker, "Ablative Therapies in Barrett's Esophagus: PDT, Radiofrequency Ablation, Cryoablation: When To, How To?" and "EMR and ESD of Esophagus and Stomach" ACG/TSGE 34th Annual Texas Program, Houston, Texas

2009 Oct Invited Faculty, "Latest Advances in Esophageal Pathology" with Dr. John Hart and Dr. Amy Noffsinger, College of American Pathologists Annual Meeting 2009, Wash, DC

- 2009 Oct Invited Presenter, "Basics of EUS" and "ERCP from A to Z", Advocate CEU Program, Advanced GI Endoscopy EUS and ERCP, Lutheran General Hospital, Park Ridge, IL
- 2009 Nov Invited Speaker, "EUS with FNA for pancreatic lesions", 2009 Annual Clinical Assembly of Osteopathic Surgeons, Chicago, IL
- 2009 Nov Moderator and Speaker, "Evaluation of Submucosal Lesions by EUS: Resection vs Imaging" and "EMR of the Esophagus" Harvard Medical School, Endoscopic Ultrasonography Live 2009, Boston, MA
- 2009 Dec Invited Speaker, Western Gut Club Meeting: Advances in ERCP, Hinsdale, IL
- 2010 Jan Visiting professor, "Endoscopic Therapy for Barrett's Esophagus, Ready for prime time. University of Illinois at Chicago Seminar Series, Chicago, IL
- 2010 Jan Invited Faculty, "Cancers of the Esophagus and Stomach: Multidisciplinary Treatment" Case Presentation and Panel Discussion: Esophageal Cancer, Endoscopist: Dr. Irving Waxman, Gastrointestinal Cancers Symposium, Orlando, FL
- 2010 Feb Invited Speaker, "Interventional Endosonography" St. Catherine Hospital – Progress In Medicine Grand Rounds, invited by Dr. Fred Adler, East Chicago, IN
- 2010 Feb Invited Faculty and Speaker, "Transrectal Ultrasonography", Multidisciplinary Management of Rectal Cancer in the New Millennium, Chicago, IL
- 2010 May Invited Speaker, "The Future of Cholangioscopy", Cook Medical Symposium "Envisioning the Future of Cholangioscopy" Symposium during DDW, New Orleans, LA
- 2010 Jun Invited Speaker, "Interventional Endoscopy" St. Mary Medical Center – Visiting Professor Grand Rounds, Hobart, IN
- 2010 Jul Invited Speaker, "Envisioning the Future of Cholangioscopy" presented by Cook Medical, Rosemont, IL
- 2010 Aug Invited Speaker and Chair, "Is NBI a valuable help for targeted mucosectomy for HGD or intra-mucosal carcinoma?", "What are the advantages of the circumferential resection?" and "The CBE-EMR (Complete Barrett's Eradication – Endoscopic Mucosal resection)". OESO 10th World Congress, Boston, Massachusetts
- 2010 Sep Invited Staff, "Texas Live Course" Methodist Dallas Medical Center, Texas Live, Dallas, Texas
- 2010 Sep Invited Faculty, "Latest Advances in Esophageal Pathology", CAP 2010 – The Pathologists' Meeting, Chicago, IL
- 2010 Oct Course Director, "Is EUS Necessary Prior to Endoscopic Ablation in Barrett's?", Endoscopic Ultrasonography Live 2010, Therapeutic EUS The Next Frontier, Chicago, IL
- 2010 Dec Invited Faculty, "Advances in Cholangioscopy", "Resection – Barrett's: Focusing the Way" and "Choledochoscopy and Giant Stones: Perfect Together". 34th Annual New York Course, Gastrointestinal Endoscopy: The Basics Refined, the Future Defined, New York, NY
- 2011 Mar Invited Faculty Speaker, "Multi-Disciplinary Perspectives on the Co-management of GIST: Key Concepts for Optimizing Patient Outcomes" Sponsored by The CBCE (The Center for Biomedical Continuing Education), Chicago, IL
- 2011 Apr Invited Speaker, "Current Diagnostic Tools for Pancreatic Cancer", Pancreatic Cancer Symposium, Chicago, IL
- 2011 May Invited Faculty and Speaker, "Endoscopic assessment of PCN", 3rd Annual Gastrointestinal Cancer Symposium: Controversies in the Management of Complex GI Cancer Patients, Chicago, IL
- 2011 May Invited Faculty, "Management of Polyps and Dysplasia in the Stomach", AGA Spring Postgraduate Course: Emerging Concepts and Their Practical Applications, DDW 2011 Chicago, IL
- 2011 May Invited Moderator, "Endoscopic Submucosal Resection: Are We There Yet?" and "Endoscopic Mucosal Resection of GE Junction Dysplasia", ASGE Session: Clinical Symposium, DDW 2011 Chicago, IL
- 2011 May Invited Abstract Presenter, "First Assessment of needle-based Confocal Laser Endomicroscopy (nCLE) during EUS-FNA procedures of the pancreas", ASGE Oral

	Presentation, DDW Topic Forum, Session Title: New Innovations in UGI Imaging, Chicago, IL
2011 Oct	Invited Speaker, "Flat Adenomas in the Western Population: How to Recognize, How to Remove", ACG Post Graduate Course, "Advanced Polypectomy/EMR", ACG Hands-on Workshop, "Evaluation and Management of Polypoid Lesions of the Stomach" ACG Annual Meeting, "Endotherapy for Barrett's Esophagus: Cure or Quagmire" ACG Annual Meeting, David Y. Graham Lecture, American College of Gastroenterology, 76th Annual Scientific Meeting & Postgraduate Course, Washington, DC
2012 Jan	Invited Speaker, "EUS 2012. What's new..." Cook Medical EUS Dinner, Detroit, MI
2012 May	Invited Faculty, "Cystic Lesions of the Pancreas: Who to Treat, Who to Follow Up and When to Stop Surveillance?" and "Endoscopic Treatment of Barrett's Esophagus", A Day in the Gut XX, Bronx, New York
2012 May	Invited Moderator, "Clinical Practice: Cutting Edge EMR and ESD", ASGE, DDW 2012, San Diego, CA
2012 May	Invited Speaker, "Mucosal Resection: The Basics" ASGE, DDW 2012, San Diego, CA
2012 May	Invited Speaker, "What Do I Do with Barrett's Esophagus", ASGE Clinical Symposium Session, Breakfast with Champions, DDW 2012, San Diego, CA
2012 May	Invited Faculty, "How to Write a Manuscript" World Endoscopy Organization Dinner "How to Get Published in the International Gastroenterology Literature", DDW 2012, San Diego, CA
2012 May	Invited Speaker, "State of the Art Lecture: Colonoscopy for High Risk Lesions – How Good are We?" ASGE TF State of the Art Lecture, LGI: High Risk Lesions in Colonoscopy, DDW 2012, San Diego, CA
2012 Jun	Invited Speaker, "From Diagnosis to Treatment: Evolution GI Self Expanding Metal Stents" presented by Cook Medical, Des Plaines, IL
2012 Sep	Invited Presenter and Moderator, "Barrett's Esophagus: From Basics to Advanced Endoscopic Therapy" Grand Rounds, Moderator for Live Endoscopic Cases, Annual Therapeutic Endoscopy Course Virginia Mason Medical Center, Seattle, Washington
2012 Sep	Invited Faculty, "Endoscopic Diagnosis and Therapy of Barrett's Esophagus" and "Endoscopic Mucosal Resection & Endoscopic Submucosal Dissection" Pacific Northwest Gastroenterology Society 2012 State of the Art in Gastrointestinal Endoscopy Course, Seattle, Washington
2012 Sep	Course Director, Moderator and Speaker, "EMR & ESD: How Much Tissue is the Issue?" and "A Light at the End of a New Tunnel: POEM for Achalasia" The University of Chicago, New Frontiers in the Management of Esophageal Diseases, The Center for Endoscopic Research and Therapeutics, Chicago, IL
2012 Oct	Invited Faculty, "Ain't Got No Sense", Presenter: "Endoscopy at the Movies" and Presenter: "GESAP VII Based Jeopardy: Audience Response" The ASGE 2012 Great Debate: This Ain't Staying in Vegas, Las Vegas, Nevada
2013 Feb	Invited Speaker, "EUS: Enhance Your Image", 5th Annual Interventional Endoscopy Course for GI nurses and technicians, Las Vegas, Nevada
2013 Apr	Co-Director and Speaker, "The Evolution in Esophagus: Endotherapy in Barrett's", "Debate: Should We Treat All Patients with LGD? Con: Irving Waxman, MD" Live from The University of Chicago Endoscopic Advances for Clinical Practice, The Center for Endoscopic Research and Therapeutics, Chicago, IL
2013 May	Invited Speaker, "State-of-the-Art Lecture: ESD/EMR" ASGE Improving Outcomes of ESD and Wide Field EMR, DDW 2013, Orlando, FL
2013 May	Invited Speaker, "ESD in the Upper GI Tract: Barrett's and Gastric Lesions" ASGE Endoscopic Submucosal Dissection: from East to West, DDW 2013, Orlando, FL
2013 May	Invited Faculty, "Approach to pancreatic cystic lesions: a tale of two cysts" 2013 ASGE Annual Postgraduate Course, An International and Multidisciplinary Approach to Gastrointestinal Diseases in 2013: Patient Care at Its Best, DDW 2013, Orlando, FL
2013 Sep	Co-Director and Speaker, "Minimally Invasive Approach to Pancreatitis, Paradigm Shift" New Frontiers in the Management of Pancreatic Diseases, The Center for Endoscopic Research and Therapeutics, Chicago, IL

- 2013 Nov Co-Director and Speaker, "The Endoscopic Perspective: The Evolution of EUS", 18th Annual Endoscopic Ultrasonography Live 2013 – Live Cases & Hands-on Session – A collaboration between Massachusetts General Hospital and The University of Chicago Medicine, The Center for Endoscopic Research and Therapeutics, Chicago, IL
- 2013 Dec Invited Faculty and Moderator, "Common mistakes in ESD", ASGE – ESD and POEM: Immersion and Assessment with the Asian Masters, Oak Brook, IL
- 2014 Feb Invited Faculty, "Pancreatic cysts and lesions: endoscopic diagnosis and treatment" The University of Kansas Medical Center 5th Expert Strategies in Endoscopy, Gastrointestinal and Liver Diseases, Kansas City, MO
- 2014 Apr Co-Director and Speaker, "Endoscopic Submucosal dissection (ESD): Mind Your Margins" Live from the University of Chicago! Endoscopy and Novel Technologies, The Center for Endoscopic Research and Therapeutics, Chicago, IL
- 2014 May Invited Speaker, "Detection of Portal Vein (PV) Circulating Tumor Cells (CTCs) in Pancreatic Cancer (PC) patients obtained by EUS guided PV Sampling. A Safety and Feasibility Trial" ASGE New and Profound with Endoscopic Ultrasound, DDW 2014, Chicago, IL
- 2014 May Invited Speaker, "Follow Up and Management of Recurrences after Endoscopic Therapy" ASGE Clinical Symposium - Optimizing Endoscopic Outcomes in Barrett's Esophagus, DDW 2014, Chicago, IL
- 2014 Nov Co-Director and Speaker, "The Role of EUS in Barrett's Associated Neoplasia" 19<sup>th</sup> Annual Endoscopic Ultrasonography Live 2014, Featuring Live Cases & Hands-On Session – A Collaboration between The University of Chicago Medicine and Massachusetts General Hospital, The Center for Endoscopic Research and Therapeutics, Chicago, IL
- 2015 Feb Invited Faculty, "Esophageal ESD" and "Adverse Events of ESD: Hemostasis, Perforation", ASGE JGES Masters Course in ESD with Optional POEM Add-on, Downers Grove, IL
- 2015 Mar Invited Faculty and Moderator, "Endoscopic Mucosal Resection and Endoscopic Submucosal Dissection for GI Lesions: When and How", 6th Expert Strategies in Endoscopy, Gastrointestinal and Liver Diseases, Kansas City, MO
- 2015 Mar Invited Faculty, "Quality Assurance in EUS", 7th Annual Endoscopy Directors Meeting, Washington, DC
- 2015 Apr Co-Director and Speaker, "Endoscopic Submucosal Dissection: Pushing Endoscopic Limits" Live from the University of Chicago! Endoscopic Advances for Clinical Practice 2015, Chicago, IL
- 2015 May Invited Moderator, "Novel Imaging and Experimental Endoscopy" AGA, DDW 2015, Washington, DC
- 2015 May Invited Moderator, ASGE Video Plenary Session – Video Forum, ASGE, DDW 2015, Washington, DC
- 2015 May Invited Speaker, "Fiducial Placement and Brachytherapy" ASGE Clinical Symposium - EUS-guided Interventions in GI Oncology, DDW 2015, Washington, DC
- 2015 Oct Invited Speaker, "The Role of the Endoscopist: Endoscopic Ultrasound vs Magnetic Resonance vs Endoscopic Retrograde Cholangiopancreatography" American College of Surgeons Clinical Congress 2015, Chicago, IL
- 2015 Nov Co-Director and Speaker, "The EUS Revolution" 20<sup>th</sup> Annual Endoscopic Ultrasonography Live 2015, Featuring Live Cases & Hands-On Session – A Collaboration between The University of Chicago Medicine and Massachusetts General Hospital, The Center for Endoscopic Research and Therapeutics, Chicago, IL
- 2016 Feb Invited Speaker, "POEM – Can it Become the Treatment of Choice for Achalasia in the Western Hemisphere" and "ESD for Benign Polyps and Early Rectal Cancer" 3rd Annual North Meets South: A Gastrointestinal Medical and Surgical Symposium, Orlando, FL
- 2016 May Invited Lecturer, "Recurrence Rates After Multi-Modality Endoscopic Eradication Therapy for Dysplastic Barrett's Esophagus (BE) and Early Esophageal Cancer: Results from an International, Multi-Center Consortium" ASGE Topic Forum – Update on Barrett's Ablation and Surveillance, DDW 2016, San Diego, CA

2016 May	Invited Moderator, AGA Clinical Symposium, and Session: Endoscopic Imaging for Screening and Surveillance of Barrett's Esophagus: What test to use When, DDW 2016, San Diego, CA
2016 Jun	Invited Speaker, "Endoscopic Ultrasound for Staging of Rectal Cancer" ASCO Annual Meeting – Collective Wisdom, the Future of Patient-Centered Care and Research, Chicago, IL
2016 Jun	Invited Speaker, "Role of endoscopy in pancreatic cancer" Univ of Chic Best of the Annual Conferences in Digestive Diseases, Rosemont, IL
2017 Jan	Invited Faculty (in-room endoscopists) and Speaker, "Live Endoscopy Symposium on Non-Pancreaticobiliary Conditions" , "What Has Been Done and How Are We Doing?" , "Pancreatic Video Forum" , "My Worst Nightmare 1" – Cedars-Sinai Pancreatic & Biliary Endoscopy Symposium 2017, Los Angeles, CA
2017 April	Invited Speaker, "Endoscopic polypectomy, ABC's and Beyond" NorthShore Gut Club Meeting, April 4, Evanston, IL.
2017 April	Co-Director and Speaker, "Endoscopic Management of Barrett's: Ablation to Resection" The University of Chicago: Endoscopic Advances for Your Clinical Practice 2017, Chicago, IL.
2017 April	Invited Faculty (in-room endoscopist), Speaker, and Moderator, "Therapeutic Endoscopic Ultrasound: Where do we go?" , "Session Two: The Pancreas" – the 6 <sup>th</sup> Annual Peter D. Stevens Course on Innovations in Digestive Care – New York City, NY
2017 May	Invited Speaker, "Endoscopic Evaluation of Indeterminate Biliary Strictures" and "Evaluation and Surveillance of Pancreatic Cysts" DDW Update – Orlando, WinterPark, FL.
2017 July	Invited Speaker, "EUS-Guided Aspiration of Portal Venous Circulating Pancreatic Tumor Cells: Is it Ready for Prime Time?" – NIDDK: Endoscopic Ultrasound & Related Technologies for the Diagnosis & Treatment of Pancreatic Disease: Research Gaps & Opportunities, Pittsburgh, PA
2017 Nov	Invited Speak and Panelist, "Endotherapy for Barrett's Esophagus," "Endoluminal Resection from EMR to ESD," "Interventional EUS: Now and Tomorrow," 2 <sup>nd</sup> South Beach GI Congress, Miami, FL.
2017 Nov	Co-Director and Speaker, "Diagnosing Indeterminate Biliary Strictures" "DEBATE: EUS-Guided Biliary Drainage VS Percutaneous Biliary Drainage When ERCP Fails" The University of Chicago: Advances in Biliary Advancements, Chicago, IL.
2018 Mar	Invited faculty, " Management of GERD: what's new in medical and endoscopic therapy" The University of Kansas Medical Center 9th Expert Strategies in Endoscopy, Gastrointestinal/Liver Diseases and Hands on Workshop, Kansas City, MO
2018 April	Co-Director and Speaker, "Colon Neoplasia: EMR or ESD" The University of Chicago: Endoscopic Advances for Your Clinical Practice 2018, Chicago, IL.
2018 Aug	Invited Faculty, speaker, "Endoscopic Submucosal Dissection: When Should It Be Done instead of EMR?" – 12 <sup>th</sup> Annual St. Louis LIVE Therapeutic Endoscopy Course, St. Louis, Missouri
2018 Oct	Speaker, "Ampullary Neoplasms. Endoscopic Approach to Ampullectomy" – 2 <sup>nd</sup> Annual Midwest Endoscopy meeting, Milwaukee, Wisconsin
2019 March	Invited Speaker, "Technical Aspects in Performing Endoscopic Resection of Small Gastric Tumors" – 72 <sup>nd</sup> Annual Cancer Symposium, San Diego, California
2019 April	Co-Director and Speaker, "Robotic Endoscopy: Ready for Primetime?" The University of Chicago: Endoscopic Advances for Your Clinical Practice 2019, Chicago, IL.
2019 Oct	Speaker, "Gastric Outlet Obstruction – Endoscopic Options" - 3 <sup>rd</sup> Annual Midwest Endoscopy Program, Milwaukee, Wisconsin
2020 May	Virtual Speaker, "Approach to endoscopy now and in the future in the era of COVID, an update from the University of Chicago," - The University of Chicago: Update on COVID-19 and Gastrointestinal Disorders from the University of Chicago: Testing Options, Management of Digestive Symptoms, PPE in Endoscopy and Nutritional Considerations for the Patient with Respiratory Failure"



- 2020 Aug Virtual Speaker, "Endoscopic submucosal dissection" Orlando Live, streamed for Advent Health Center for Interventional Endoscopy, Orlando, FL.
- 2020 Sept Grand Rounds, "Barrett's Endotherapy," University Of Chicago, Chicago, IL.
- 2020 Dec Speaker, "Gastrojejunostomy for malignant obstruction – is surgery necessary?" – 5<sup>th</sup> Annual Midwest Endoscopy Program, Milwaukee, Wisconsin
- 2021 Jan Virtual Invited Speaker, "A Paradigm Shift in Endoscopic Treatment of Gastric Outlet Obstruction" Bluegrass Gut Club, University of Kentucky, Lexington, KY

International

- 1992 Jun Invited Speaker, "Endoscopic Therapy for Chronic Pancreatitis." Curso Internacional de Medicina Interna, "Fronteras del Conocimiento". Mexico City, Mexico.
- 1994 Apr Endoscopic therapy for chronic pancreatitis. Tokyo Cancer Institute, Japan.
- 1996 Sep Chairman, Workshop on Barrett's Esophagus. 10th Asian Pacific Congress of Gastroenterology (APCGE) and 7th Asian Pacific Congress of Digestive Endoscopy (APCDE). Yokohama, Japan.
- 1996 Sep Presenter, "Barrett's Esophagus: Single Most Important Risk Factor for Adenocarcinoma of the Esophagus." 10th Asian Pacific Congress of Gastroenterology (APCGE) and 7th Asian Pacific Congress of Digestive Endoscopy (APCDE). Yokohama, Japan.
- 1996 Sep Moderator, "Esophageal Cancer in the 21st Century: What's New in Endoscopic Diagnosis and Therapy of Esophageal Cancer?" Fujinon Satellite Symposium. Yokohama, Japan.
- 1997 Jul Invited Speaker, "Endoscopic Therapy of Chronic Pancreatitis and Live Demonstrations." Primer Reencuentro de Alumnos de los Cursos de Postgrado en Gastroenterología del Hospital "Dr. Jose Gregorio Hernandez". Hospital General del Oeste and Hospital de Clinicas Caracas, Caracas, Venezuela.
- 1997 Jul Invited Speaker, "EchoEndoscopy Update," and "Clinical Application of High Frequency Ultrasound Probe Sonography." Sexto Seminario Internacional de Gastroenterología Hepatología y VideoEndoscopia Digestiva. Hospital Clinica Kennedy, Guayaquil, Ecuador.
- 1997 Nov Invited Speaker, "The Clinical Role of High Resolution Transducers." Symposium of Endosonography. XXV Congreso Panamericano de Enfermedades Digestivas, XII Congreso Panamericano de Endoscopia Digestiva, II Congreso Iberoamericano de Gastroenterología, Centro de Eventos y Exposiciones, Santo Domingo, Dominican Republic.
- 1997 Nov Invited Speaker, "Biliary Pancreatic Disorders in the AIDS Patient." Symposium on AIDS and the Gastrointestinal Tract. XXV Congreso Panamericano de Enfermedades Digestivas, XII Congreso Panamericano de Endoscopia Digestiva, II Congreso Iberoamericano de Gastroenterología, Centro de Eventos y Exposiciones, Santo Domingo, Dominican Republic.
- 1998 Jan Clinical Impact of High Frequency Ultrasound Probe Sonography During Diagnostic Endoscopy. 11th International Symposium on Endoscopic Ultrasonography, Kyoto, Japan.
- 1998 Apr Invited Speaker and Live Demonstrations, Advanced Endoscopy and Endoscopic Ultrasound Course. Hospital De Clinicas de Caracas, Caracas, Venezuela.
- 1998 Sep Moderator, the High Resolution Video-Endoscope Forum. Palais Schwarzenberg, Vienna, Austria.
- 1998 Nov Invited Faculty and Live Demonstrations, 4th Workshop on Therapeutic Endoscopy and 3rd Workshop on Motility. Taichung, Taiwan.
- 1999 Mar Invited Faculty, "Curso de Avanzada en Ultrasonido Endoscópico." Venezuelan GI Society and Hospital de Clinicas de Caracas, Caracas, Venezuela.
- 1999 Apr Invited Faculty, "Curso Internacional Sobre Actualidades en el Diagnostico y Tratamiento de las Enfermedades Bilio-Pancreaticas." Mexican Society of Gastrointestinal Endoscopy, Guadalajara, Jal, Mexico.

- 1999 Jun Invited Faculty, VIII International Gastroenterological and Video-Endoscopy Seminar. School of Medical Sciences of the University of Guayaquil, Guayaquil, Ecuador.
- 1999 May Invited Faculty, Workshop on Endosonography. The Centre for Advanced Therapeutic Endoscopy and Endoscopic Oncology, The Wellesley Hospital, Toronto, Canada.
- 1999 Sep Invited Faculty, "International Symposium of Digestive Endoscopy" Co-sponsored by The Digestive Endoscopy Society of Taiwan. The Japan Gastroenterological Society and the ASGE, Taipei, Taiwan.
- 1999 Sep Invited Faculty and Director of Live Endoscopy Course. Mexican Society for Gastrointestinal Endoscopy Annual Post-graduate Course, Reynosa, Mexico.
- 1999 Sep Invited Faculty, XX Venezuelan Congress of Gastroenterology. Caracas, Venezuela.
- 1999 Nov Invited Faculty, "First Indo-US Gastrointestinal Endoscopy Workshop." Co-sponsored by the Society of Gastrointestinal Endoscopy of India and the ASGE, Calcutta, India.
- 1999 Dec Invited Faculty, "Status of Gastroenterology at the End of the Millennium." Postgraduate Course. National Mexican Gastroenterology Digestive Disease Week, Veracruz, Mexico.
- 2000 Mar Invited Faculty, 1st EUS Congress of the Latino American EUS Society (SOLES). Caracas, Venezuela.
- 2000 Jun Invited Faculty, XI Ecuadorian Congress of Gastroenterology and Co-Director of their Endoscopy post-graduate course. Cuenca, Ecuador.
- 2000 Sep Invited Faculty, 6th O.E.S.O. World Congress on Barrett's 2000. Paris, France.
- 2000 Dec Invited Faculty, Gastro Milenio, Mazatlan 2000 (Annual meeting of the Mexican GI society). Mazatlán, Mexico.
- 2001 Nov Speaker, XXVIII Congress of Gastroenterology, XII Congress of Gastrointestinal Endoscopy and X Chilean Congress of Hepatology. November 22–24, Santiago, Chile.
- 2002 Mar Invited Faculty, Advanced Endoscopy and Endoscopic Ultrasound Course. March 16–18, Caracas, Venezuela.
- 2002 Jun Invited Faculty, 11th Sirio Libanes Hospital Video Endoscopy Course. June 12–17, Sao Paulo, Brazil.
- 2002 Jul Invited Speaker, "Endoscopic Mucosal Resection" Japanese Fourth Endoscopy Forum (EFJ). July 27–28, Awaji Island.
- 2002 Jul Visiting Professor & Lecturer, Asahikawa Medical College. July 28–89, Asahikawa, Japan.
- 2003 Jan Invited Speaker, Asociacion Mexicana de Endoscopia Gastrointestinal. January 10–12, Mexico City, Mexico.
- 2003 Mar Invited Faculty, Opening Lecture, 1st Therapeutic Gastrointestinal Endoscopy Course, Instituto Nacional de Ciencias Medicas y Nutricion. March 6–8, Mexico City, Mexico.
- 2003 Jun Invited Speaker, Special Lecture of the Congress. The 65th Congress of Japan Gastroenterological Endoscopy Society. May 29–31, Fukuoka, Japan.
- 2003 Dec Invited Speaker, Education Seminar for Young Investigators, The 2nd Japan GRG/AGA Symposium. December 12–13, Kyoto, Japan.
- 2004 Feb Invited Speaker, Asociacion Mexicana de Endoscopia Gastrointestinal, "Clinical Impact of EUS in Pancreatic Biliary Neoplasms," Hospital General de Mexico. February 12, Mexico City.
- 2004 Mar Invited Faculty, XIV Curso Internacional Gastroenterologia del Dia, Hospital Policlinco. March 10–13, Lima, Peru.
- 2004 May Invited Speaker, "Esophageal Carcinoma: Current Diagnostic Workup Methods." IX World Congress of the International Society for Diseases of Esophagus, May 27–29. Madrid, Spain.
- 2004 Jun Invited Speaker, "Prevention and Management of Endoscopy Complications." Congreso de Patologia Digestiva, June 5, Valencia, Spain.
- 2004 Jun Invited Speaker, "Interventional Ultrasonography." Congreso de Patologia Digestiva, June 5, Valencia, Spain.
- 2004 Jul Invited Speaker, "Paleacion de las Estenosis Malignas Biliares." Instituto Nacional de Cancerologia, July 9–10, Mexico City, Mexico.
- 2004 Nov Invited Speaker, "IDUS for Bilio-Pancreatic stones", 14th International Symposium on Endoscopic Ultrasonography. November 12–14, Tokyo, Japan.

- 2005 Feb Presenter, "Avances y futuro de la cirugía Endoscópica", 100th Anniversary of the Hospital General de Mexico. February 9, 2005, Mexico.
- 2005 Jun Invited Speaker, "Tricks and Trucks in Digestive Endoscopy." AEED-ASGE Postgraduate Course, June 9–12, Madrid, Spain.
- 2005 Sep Invited Faculty, "Endoscopic Management of GERD," and "Endoscopic Management of Barrett's Esophagus." Endoscopic Mucosal Resection Workshop, September 20, Mexico City, Mexico.
- 2005 Nov Invited Speaker, "Lesoes Planas e Deprimidas na Populacao Ocidental," "Proteses Biliares: A Escolha do Tipo, Incidacoes e Resultados," and "Conduta nas Complicacoes." XVII Brazilian Seminary of Digestive Endoscopy, November 15–18, Vitoria, Espirito Santo, Brazil.
- 2006 Feb Invited Speaker, "Endoscopic Diagnosis and Treatment of Barrett's Esophagus, As Good As It Gets?" Bockus 2006 Symposium, February 2–5, LaRomana, Dominican Republic.
- 2006 Apr Invited Faculty, "Looking Into the Small Intestine – What Are Our Options?" and "Practical Tips in EUS." Endoscopy 2006, University of Malaya, April 14–16, Kuala Lumpur, Malaysia.
- 2006 Jun Invited Faculty, "Taller SEED: EcoEndoscopyopia Diagnostica & Terapéutica," ASGE/SEED Postgraduate Course. Digestive Diseases Week, June 22, Granada, Spain.
- 2006 Jun Invited Faculty, "EcoEndoscopia Terapéutica." Curso Postgrado de Endoscopia Digestiva. Digestive Diseases Week, June 23, Granada, Spain.
- 2006 Jun Invited Faculty, "EUS & EMR/ESD: Is EUS Necessary? When, Who, and How? If So, Which Lesions and How to Do It?" EUS 2006, Amsterdam, the Netherlands.
- 2006 Jul Invited Speaker, "Mucosectomia en Esófago de Barret," and "Endosonografía Intervencionista y Cirugía Transgástrica." Curso de Posgrado del Departamento de Gastroenterología del Instituto Nacional de Ciencias Médicas y Nutrición "Salvador Zubirán." July 13–15, Mexico City, Mexico.
- 2006 Oct Invited Faculty, "Diagnostico y Tratamiento de la Pancreatitis Aguda," and "Diagnostico y Tratamiento de la Pancreatitis Cronica." XV Congreso Nacional de Gastroenterología Diagnóstico y Tratamiento de Enfermedades Gastrointestinales, October 6-8, 2006, Dominican Republic.
- 2006 Oct Invited Faculty, "Quality Assurance." Endoscopy Director's Workshop, UEGW 2006. October 22, Berlin, Germany.
- 2006 Dec Invited Faculty, "Endoscopic Management of Pancreatic Pseudocysts," and "Interdisciplinary Team Approach for Complications in the GI Tract." International GI Symposium, December 7, 2006, St. Gallen, Switzerland.
- 2007 Aug Invited speaker, " Diagnostico de Lesiones Gastrointestinales, Mediastinales y Retroperitoneo con EUS-FNA" and "Escoendoscopia en Enfermedades del Páncreas" Gastroenterology and Digestive Endoscopy Argentine Congress 2007, Mendoza City, Argentina
- 2007 Oct Invited speaker, "Mucosectomia Ensocópica", "Terapéutica Endoscópica de Doble Balón" and "Endosonografía Terapéutica" XVI Congreso Nacional de Gastroenterología, Dominican Republic
- 2008 Mar Invited Speaker, "Endoscopic treatment of Barrett's" and "Interventional EUS" The 7th Congress of the Jordanian Society of Gastroenterology, Amman, Jordan
- 2008 Jun Invited Speaker and Moderator, "Tratamiento endoscópico del Esófago de Barrett" and "Ecoendoscopia terapéutica" XII Curso de Postgrado SEED/ ASGE/ SEMQED "Digestive Endoscopy: State of the art", Barcelona, Spain
- 2008 Jun Invited Speaker, "Procedimientos combinados USE-CPRE" and "Vision del endoscopista", University International Menedez Pelayo (UIMP) "Técnicas emergentes en endoscopia digestiva", Santander, Spain
- 2008 Sep Invited Speaker, "Endoscopic therapy of Barrett's Esophagus. Ready for prime time?", "Pancreatic endotherapy, the new paradigm for severe pancreatitis" and "Interventional Endosonography. Beyond FNA." Mexican Week of Gastrointestinal Endoscopy, Ixtapa Zihuatanejo, Mexico

2008 Sep	Invited Speaker, "Flat and Depressed Colonic Lesions in Western Populations. Are we there yet?" Colon IIc Conference, Tokyo, Japan
2008 Nov	Invited Speaker, "Lesiones planas y deprimidas del colon en Occidente", "Utilidad de la ecoendoscopia en colon y recto" and "Reseccion Endoscopica Mucosa y Diseccion Endoscopica Submucosa" Endoscopistas Digestivos de Buenos Aires (ENDIBA), Simposio de Colon, Buenos Aires, Argentina
2008 Nov	Invited Faculty, Panamerican Congress, Santiago, Chile
2009 Jun	Invited Speaker, "Tratamiento Endoscopico del Esofago de Barrett", "Diagnostico y tratamiento precoz del cancer de la union esofago-gastrica", "Mucosectomia. Al alcance de todos?" and "Ecoendoscopica. Innovaciones" II Congreso Venezolano de Endoscopia Digestiva, la Sociedad Venezolana de Endoscopica Digestiva, Caracas, Venezuela
2009 Jul	Invited Speaker, "The role of EUS in the evaluation of Barrett's esophagus", "Recent Management of Barrett's esophagus" Asian International Digestive Disease Symposium AIDDS 2009, Seoul, Korea
2009 Sep	Invited Speaker, "Endoscopic treatment of Barrett" and "Advanced Digestive Ultrasonography" 3rd International Notes W.I.D.E.R, Natural Orifice Transluminal Endoscopic Surgery 2009, Barcelona, Spain
2010 Jan	Invited Speaker, "Evaluacion diagnostica en displasia de alto grado en Barrett", "Tratamiento endoscopico de esofago de Barrett" and "EUS intervencional" XIV curso de endoscopia de Bogota, Bogota, Colombia
2010 Mar	Invited Faculty, "Cellivizio in EUSFNA", International Conference of Cellvizio Users ICCU 2010, Paris, France
2010 Apr	Invited Faculty, Moderator: Ecoendoscopy I., "Utility, of in vivo confocal laser endomicroscopy in gastro-intestinal lesions", "Complete Barrett's eradication for high-grade dysplasia and intramucosal carcinoma", "Enteral stent placement by double balloon enteroscopy for palliation of malignant small bowel obstruction" and "Use of double-balloon enteroscopy to perform PEG in the excluded stomach after Roux-en-Y gastric bypass". 7th International Course on Therapeutic Digestive Endoscopy "Resolution of problems in Digestive Endoscopy" Pamplona, Spain
2010 Jun	Invited Faculty and Chair, "EUS of advanced esophageal cancer" EUS 2010 Live in Amsterdam 13th Annual Course, Amsterdam, NL
2010 Jul	Invited Faculty and Speaker, "Endoscopic mucosectomy in Barrett's Esophagus", "Cost/Benefit evaluation of new technologies", Facing Challenges in Diagnosis and Treatment of Gastrointestinal and liver diseases, Instituto Nacional de la Nutricion Salvador Zubiran Post Graduate Course, Mexico City, Mexico
2010 Aug	Invited Chair, "Technical aspects", 1st International Conference on Capsule Endoscopy and Double Balloon Endoscopy ICCD 2010, Paris, France
2010 Aug	Invited Moderator and Speaker, "Endoscopic Management", "Management of HGD and early stage cancer", Total mucosal eradication" ISDE Congress 2010, Kagoshima, Japan
2010 Oct	Invited Speaker, "Lesiones Quisticas del Pancreas, Abordaje Diagnostico", "Metodos de diagnosticos actuales en Patologia Bilio-Pancreatico, Donde esta el USE?", "Tumores de Mediastino, utilidad del USE" and "Metodos de ensenanza y el futuro del USE" 4th Curso Internacional de Ultrasonido Endoscopico, Mexico City, Mexico
2011 Sep	Invited Speaker, "RMI, USE, CPRE: Cual y cuando usarlo en enfermedad hepatobiliar", "Tumores Quisticas del Pancreas: Diagnostico y Tratamiento" and "Pancreatitis Cronica: Manejo, medico, endoscopico y Quirurgico", XX Congreso Nacional de Gastroenterologia, Dominican Republic
2011 Nov	Invited Speaker, "EUS guided CLE (confocal laser endomicroscopy guided by ecoendoscopy) in pancreatic cystic lesions: results of the INSPECT trials" and "Minimally Invasive Management of pancreatic necrosis and fluid collections. A paradigm shift." 5th International NOTES W.I.D.E.R., Barcelona, Spain
2011 Dec	Invited Faculty, "Como Mejorar mi Endoscopia: Consejo del Primer Mundo" and "Presente y Futuro de la EUS" Hands On y Workshop de Gastroenterologia Diagnostica y Terapeutica de Gedyt, Buenos Aires, Argentina

2012 Apr	Invited Faculty and Moderator, "Interventional EUS: today, tomorrow and beyond..." Endo Live Roma 2012, Rome, Italy
2012 Sep	Invited Faculty, "The problems with submucosal tumors", Hands-on training: Panc. Model, EUS 2012 18th International Symposium on Endoscopic Ultrasonography, St. Petersburg, Russia
2012 Oct	Invited Speaker, "Endosonografía Intervencional, Presente y Futuro", "Diagnostico Precoz de Cancer de Pancreas", "Tratamiento Endoscopico de Esofago de Barrett" and "Reseccion endoluminal, Mucosectomia y Submucosectomia". Panel de expertos: Transmision Satelital, Curso de Endoscopia en Vivo Desde el Hospital Beth Israel, XVII Gastroenterology Congress, Cuenca, Ecuador
2012 Nov	Invited Speaker, "Barrett's assessment and endoscopic therapy" and "EUS for pancreatic cystic lesions" XXXIV National Conference of the Digestive Endoscopy, Madrid, Spain
2012 Nov	Invited Speaker, "Tratamiento endoscopico de la displasia y neoplasia intraepitelial", participant in "Discusion de caso Clinico Interactivo" and "Discusiones Clinicas y talleres", Curso de Posgrado de Gastroenterologia, "Lesiones Malignas del Aparato Digestivo", Merida, Mexico
2013 June	Invited Speaker and Moderator, "Overview: Fatal complications after ERCP", "Clinical usefulness of confocal laser endomicroscopy for GI and pancreatobiliary lesions" and "Navigations for biliary stenting in unresectable hilar cholangiocarcinoma: CT/MRCP-based or choledochoscopy-based" IDEN 2013, Seoul, Korea
2013 Nov	Invited Speaker, "Indetermined lower biliary strictures: The right approach!", "Managing large complex polyps", "Pancreatic Cystic Lesions – diagnostic and Therapeutic Dilemma" and "Basics of EMR/ESD" 54th Annual Conference of Indian Society of Gastroenterology (ISGCON) 2013, Ahmedabad, India
2014 April	Invited Speaker, "Terapia Endoscopica del Esofago de Barret", "Endosconografia Intervencioista" and "Tratamiento Endoscopico de Colecciones Pancreaticase" IV Curso Internacional de Endoscopia Digestiva, Galapagos Islands, Ecuador
2014 May	Invited Speaker and Moderator, "Cholangioscopy-guided or mechanical lithotripsy?", "Direct visualization of biliopancreatic ductal system: from endoscopy to endomicroscopy" and Moderator to "Endoscopic management of idiopathic recurrent pancreatitis" International Digestive Endoscopy Network (IDEN) 2014, Seoul, Korea
2014 Jul	Invited Faculty and Moderator, "Is the EUS evaluation necessary for the treatment of early neoplasia in Barrett's esophagus", "New techniques for the treatment of biliary stricture at the hilum" and "New endoscopic approach by triangulation for percutaneous transgastric jejunostomy" 23rd International Course on Therapeutic Endoscopy, Sao Paulo, Brazil
2014 Oct	Invited Speaker, "Advances of the new EUS processor and what is the clinical impact of the new features (Eu-Me2)" Panamerican Congress, Buenos Aires, Argentina
2014 Oct	Invited Speaker, "Endoscopic POV" and "Management of HGD and Early Cancer in Barrett's (Endoscopic)" Course with Cirugia de Clinica Santa Maria y U of C, Grandes Controversias en cirugia digestiva, Santiago, Chile
2014 Oct	Invited Speaker and Moderator, "New endoscopic and diagnostic modalities and novel biomarkers of pancreas IPMN and mucinous cystic neoplasm", Korean Society of Gastroenterology – 14th Seoul International Digestive Disease Symposium (SIDDS 2014) Seoul, Korea
2015 May	Invited Faculty, "Reseccion endoluminal avanzada, polipo dificil a ESD", "Management of high-grade dysplasia" and "Treatment options in necrotizing pancreatitis", V Curso Internacional de Endoscopia Avanzada – Encuentro de Gastro Oncologia: Cirugia Oncologica, Cuenca, Ecuador
2015 Sep	Invited Speaker, "Reseccion endluminal EMR a ESD", "Acalasia" and "Ecoendoscopia", Congreso Argentino de Gastroenterología y Endoscopia, Tucuman, Argentina
2015 Nov	Invited Faculty, "Imagen en vias biliares: ECO, TAC, Resonancia Magnetica, ERCP, Ecoendoscopia", "Colodocolitiasis complicado. Que hacer?", "Colangitis Aguda: Como Manejar", "Manejo del cancer de vesicular y vias biliares" and "Manejo actual de la

	pancreatitis aguda. Criterios Pronosticos”, Metropolitan Hospital Gastroenterology Course, Quito, Ecuador
2016 Mar	Invited Speaker, “Imágenes en vía biliar: ECO, TAC, CPRE, RMI”, “Resección de Polipos Dificiles” and “Endosonografía intervencionista y tratamiento de Barrett’s” Endoscopia Terapeutica de Avanzada, Cajamarca, Peru
2016 Jun	Invited Guest Faculty and Moderator, “EUS guided therapy. Standards and perspective” – State of the Art Lecture, 34 <sup>th</sup> Gastroenterology and Endotherapy European Workshop (GEEW), Brussels, Belgium
2016 Sep	Invited Speaker, “Evaluación y Seguimiento de Quistes Neoplásicos del Páncreas: ¿Cuál Ruta Debemos Seguir-Fukuoka, AGA o ASGE?” and Indicaciones y Técnicas para Intervenciones del Ducto Pancreático Dirigidas por Ecoendoscopia”, Pan American Digestive Week (SPED), Cartagena, Colombia
2016 Oct	Invited Speaker, “Endoscopic Therapies for Barrett’s Esophagus”, “Evaluation of biliary strictures” and “Dysplasia in Barrett’s esophagus: Find me if you can”, Brazilian Digestive Disease Week – ASGE/SOBED, Belo Horizonte, Brazil
2016 Nov	Invited Speaker, “Special Conference: “Abordaje Pancreático por endosonografía” , “La Endoscopia en Chicago en los diez últimos años” – 10 <sup>th</sup> International NOTES W.I.D.E.R – Barcelona, Spain
2017 May	Invited Speaker, “Esofago de Barrett: Caracterización y vigilancia. Técnicas para mejorar la detección de displasia”, “Presentación y discusión de casos clínicos: Caso 2: El esófago evaluado en endoscopia: ¿Sólo luz blanca, magnificación, cromoendoscopia , NBI, FICE?”, “Conferencia Magistral. “Tratamiento endoscópico del esófago de Barrett” - XXVI Congreso Internacional De Cirugía Endoscópica, Acapulco, Mexico
2017 June	Invited Speaker, “Quistes neoplásicos vs no neoplásicos: diagnóstico y manejo” , “Como diagnosticarla la pancreatitis crónica en etapas tempranas y por que es importante” , “La necrosectomía endoscópica, un nuevo paradigma” - VII Semana Ecuatoriana de Enfermedades Digestivas, Cuenca, Ecuador
2017 June	Invited Speaker, “EUS Guided Therapy. Standards and Perspectives” - Abdominal Centre of the University Clinic of Berne, Bern, Switzerland
2017 Sep	Invited Faculty, Speaker and Moderator, “How to advance interventional EUS in evidence based manner”, “Evaluation of mass lesion in chronic pancreatitis (12+3)”, “EUS morphology of pancreatic cysts”, “EUS Complications and How to Avoid Them” – Asian EUS Congress 2017, Mumbai, India
2017 Sep	Invited Speaker and Expert, “EUS Guided Interventions, Standards and Perspectives” - Digestive Endoscopy Cluj Workshop, Cluj-Napoca, Romania
2017 Nov	Invited Speaker and Expert, “Línea Actual de Tratamiento Endoscópico en el Esófago de Barrett,” “Lesiones Premalignas de la Resección a la Disección Endoscópica,” – Nuevas Tecnologías en la Endoscopia gastrointestinal, Puebla, MX
2017 Dec	Invited Faculty and Speaker, “Current Status of Endotherapy for Pancreatic Fluid Collection and Necrosis,” “Endotherapy for Barrett’s Esophagus,” – International Workshop on Therapeutic Endoscopy, Hong Kong, China
2018 Feb	Invited Speaker, “Techniques of Placing Hemoclips, Banding EVL and Hemorrhoid,” – 16 <sup>th</sup> GI Live Endoscopy Demonstration, Bangkok, Thailand
2018 March	Invited Faculty by the executive committee of “The 4 <sup>th</sup> International Forum on Frontier Technology” for the Pancreatic Disease Conference at Peking Union Medical College Hospital, Beijing, China
2018 Sept	Visiting Professor at Wuhan University Medical center, Wuhan, China.
2018 Sept	Invited speaker at the 16 <sup>th</sup> Chinese Pancreatic surgery congress in Xi’an, China.
2018 Sept	Invited speaker, “Stents for Duodenal Obstruction vs EUS Guided Gastroenterostomy,” - Argentine Congress of Gastroenterology and Digestive Endoscopy – Gastro 2018. Buenos Aires, Argentina
2018 Nov	Invited speaker, “Presente y Futuro de LAMS,” “Robotic Endoscopy: the Next Frontier,” -the 12 <sup>th</sup> International NOTES W.I.D.E.R 2018, Barcelona, Spain

2019 Feb	Invited Speaker and Expert, "Diagnostico y tratamiento del esofago de Barrett," "Colangioscopia diagnostico y terapeutica," - 15th Cursao Internacional de Avances en Gastroenterologia y Endoscopia Digestiva. La Paz, Bolivia
2019 Aug	Invited Speaker, "EUS guided pancreatico-biliary interventions: the next frontier," -Annual Conference of Chinese Endoscopist. Wuhan, China
2019 Sept	Invited Speaker, "Manejo endoscópico de neoplasias complejas de colon," "Evaluación, seguimiento y manejo de las lesiones quísticas del pancreas," "Manejo endoscópico de obstrucción duodenal, prótesis g-j por endosonografia," "Manejo endoscópico de los adenomas ampulares y duodenales," – Congreso Paraguayo De Gastroenterologia y Endoscopia Digestiva, Ascuncion, Paraguay
2019 Oct	Invited Speaker and Faculty, "EUS guided pancreatico-biliary applications. Ready For prime time?" - Chinese Surgical Week (CSW) 2019, Chengdu, China
2019 Nov	Invited Speaker and Expert, "Esofago de Barrett: Presente y future," "Neoplasia asociada a Barrett," "Complicaciones y manejo endoscopico," - Curso de Endoscopia en la Semana Nacional de Gastroenterologia del 2019, Cancun, QR
2020 April	Virtual Speaker, "Discuss progression of COVID19 in Chicago, endoscopy best practices, and projected recovery" – Medtronic: COVID19: Preparacion y Equipo de Proteccion Personal, streamed in South America
2020 May	Virtual Speaker, "Diagnóstico diferencial de masa ocupante pancreática por ecoendoscopia" – Argentina's Pancreatic Club's 1 <sup>st</sup> International online meeting on pancreas cancer management
2020 Aug	Virtual Speaker, "Gastroenteroanastomosis guiada por EUS" – Webinar Actualizacion en ultrasonido endoscopico (Use) - Streamed for WGO training center in La Plata, Argentina
2020 Aug	Virtual Speaker, "New developments in EUS-guided tissue acquisition in solid lesions" – Medtronic's EUS Webinar for LATAM
2020 Dec	Virtual Speaker, "Robotic Endoscopy – The next Frontier" - Institute of Gastroenterology Sheba Medical Center, Tel Hashomer, Israel
2021 Jan	Virtual Speaker, "Gastrojejunostomia guiada por endosonografia, debemos abandonar las protesis duodenales?" – XXVII Simposio Internacional de Gastroenterologia y Endoscopia Digestiva, Bogotá , Colombia
2021 July	Virtual Speaker, "Tratamiento y seguimiento del Esófago de Barrett," - 2nd Virtual Edition of the Asociación Mexicana de Endoscopia Gastrointestinal y Colegio de Profesionistas, Mexico City, Mexico
2021 Sept	Virtual Speaker, "New Developments in EUS-guided tissue acquisition in solid lesions," – Medtronic EUS Symposium at the Argentina Congress of Gastroenterology and Endoscopy, Argentina