## Indiana University School of Medicine Curriculum Vitae

### NAME: Fogel, Evan L.

### **EDUCATION:**

#### UNDERGRADUATE

University of Toronto, Toronto, Ontario, Canada, Bachelor of Science (BSc), with Distinction (Human Biology and Zoology), 1981-1986.

#### GRADUATE

University of Toronto, Master of Science (MSc), Pharmacology. Thesis: Dopamine  $D_1$  receptors of the calf parathyroid gland: identification and characterization, 1986-1987.

University of Toronto School of Medicine, M.D., 1987-1991.

### POSTDOCTORAL

The Toronto Hospital, Comprehensive Medical Internship, 1991-1992

University of Toronto, Internal Medicine Residency, 1992-1994.

University of Toronto, Gastroenterology Residency Training Program, 1994-1996.

Indiana University, Advanced Therapeutic Endoscopy Fellow, 1996-1997.

### **ACADEMIC APPOINTMENT:**

Assistant Professor of Clinical Medicine, July 1997-June 2003. Indiana University School of Medicine

Associate Professor of Clinical Medicine, July 2003-present Indiana University School of Medicine

### **HOSPITAL APPOINTMENTS:**

Attending Physician, Gastroenterology, Indiana University Hospital, Indianapolis, IN, 1997-present.

Consultant in Gastroenterology, Wishard Memorial Hospital, Indianapolis, IN, 1997-present.

Consultant in Gastroenterology, Richard L. Roudebush VA Medical Center, Indianapolis, IN, 1997-present.

Consultant Physician in Gastroenterology, Witham Health Services, Lebanon, IN, 2000-present.

Consultant in Gastroenterology, Howard Community Hospital, Kokomo, IN, 1997-1998.

Consultant in Gastroenterology, St. Joseph Hospital & Health Center, Kokomo, IN, 1997-1998.

# **OTHER APPOINTMENTS AND PROFESSIONAL CONSULTANTSHIPS:**

Wyeth Pharmaceuticals, Visiting Speakers Bureau Program, 6/01-present. Merck and Co., Visiting Speakers Bureau, 2003-2004.

# **SPECIALTY BOARD STATUS:**

Internal Medicine, 1995 Gastroenterology, 1996

# LICENSURE AND CERTIFICATION:

Province of Ontario, (#64092), June 1991-November 1998 (voluntarily allowed to expire). State of Indiana, (#01045682), July 1996-present Basic Life Support (BLS) Certification, November 2007. Advanced Cardiovascular Life Support (ACLS) Certification, December 2007.

# **PROFESSIONAL ORGANIZATIONS:**

Ontario Medical Association, 1991-1996 College of Physicians and Surgeons of Canada, 1991-present Fellow of the Royal College of Physicians of Canada, 1995-present American Gastroenterological Association, 1995-present American Society for Gastrointestinal Endoscopy, 1996-present American College of Gastroenterology, 1999-present Indiana State Medical Association, 2001-present.

### HONORS AND AWARDS:

(a) Attending Physician of the Year, 2006-07, Division of Gastroenterology/Hepatology, Indiana University Hospital (voted on by graduating GI fellows for outstanding teaching)

(b) Posters of distinction, awarded at international meetings:

Experience with droperidol during sphincter of Oddi manometry. **Fogel EL**, Sherman S, Bucksot L, Lehman GA. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 1998.

Manometry in native minor papillae and post minor papilla therapy: experience at a tertiary referral center. **Fogel EL**, Sherman S, Kalayci C, Choudari C, Baute P, Bucksot L, Lehman GA. American Society for Gastrointestinal Endoscopy, Orlando, FLA, May 1999.

# **TEACHING ASSIGNMENTS SINCE ADVANCEMENT:**

Attending Physician, ERCP Service, 12 months/year, Indiana University Hospital, July 2003 - present.

- (a) Approximately 4-10 hours per day, 4 days per week is spent training 4<sup>th</sup> year advanced ERCP Fellows on the performance and interpretation of ERCP, and management of patients with pancreatobiliary diseases. Contact with fellows takes place in the ERCP procedure suite, outpatient clinic, and inpatient service. Precept weekly ERCP journal club.
- (b) ERCP teaching for 3<sup>rd</sup> year general Gastroenterology fellows, as part of their GI training, similar duties as advanced ERCP fellows (as above). Each 3<sup>rd</sup> year fellow receives 2 months of dedicated ERCP training during the year; 3-5 fellows per year.

Director, ERCP service, 12 months/year, Richard L. Roudebush VA Hospital, 7/2003-12/2007. Approximately 2-4 hours/week is spent with GI Fellows and/or medical students/interns/residents, before, during and after each procedure, reviewing pancreatobiliary disease, indication for ERCP including available alternatives, and performance of ERCP.

Gastroenterology Ward service attending, Indiana University Hospital: Clinical Gastroenterology service staffed by one GI Fellow, one resident, one intern, and a

medical student on occasion. Responsible for daily in-patient management of 6-12 patients. Provide GI consultation for in-patients on other services during the month (4-10 per week), and urgent out-patient consultations as required (2 patients/week). Educational responsibilities include bedside and didactic teaching.

May 1- 31, 2004 January and April, 2005, 2 weeks each block May 1-31, 2006 May 1-31, 2007 March and May, 2008, 2 weeks each block

GI Housestaff Seminar Series: "Acute and Chronic Pancreatitis" – 1 hour interactive seminar with medical students, interns and residents rotating on the general Gastroenterology and Liver ward service at Indiana University Hospital (4-6 housestaff, monthly, July 2003 - June 2007)

Division of Gastroenterology/Hepatology Grand Rounds (1 hour lecture to GI fellows and faculty)

"Tissue Sampling at ERCP in the Evaluation of Suspected Malignant Biliary Obstruction", August 23, 2004

"Sphincter of Oddi Dysfunction: Any Progress?", November 27, 2006

"Non-Operative Palliation of Pancreatic Cancer". January 14, 2008

Department of Medicine Housestaff Noon Conference (1 hour lecture to medical students, interns and residents)

"Acute Pancreatitis", December 21, 2004

"Acute Pancreatitis", November 21, 2005

"Acute Pancreatitis", June 23, 2008

Scientific Basis of Clinical Therapeutics, 4<sup>th</sup> year Medical Students course: 1 hour lecture to senior medical student class

"Acute Pancreatitis", March 4, 2005

"Acute Pancreatitis", March 24, 2006

"Acute Pancreatitis", March 12, 2007

"Acute Pancreatitis", March 17, 2008

Scientific Basis of Clinical Therapeutics, 4<sup>th</sup> year Medical Students course: small group session leader -- two-hour session, leading discussion on representative gastrointestinal cases with 10-12 students.

"GI Therapeutics", March 8 and March 11, 2005 – 2 sessions "GI Therapeutics", March 28, 2006 "GI Therapeutics", March 19, 2007 "GI Therapeutics", March 23, 2008

GI Fellows' Friday morning conference: "Acute Pancreatitis", November 9, 2007 -- 1 hour lecture to GI fellows.

Noon Lecture Series: "Non-Operative Palliation of Pancreatic Cancer", October 9, 2007, Richard L. Roudebush VA Medical Center -- 1 hour lecture to VA primary care physicians, specialists, pharmacists.

GI Fellows' Lecture Series on Guidelines in Gastroenterology: "Management of Severe Pancreatitis: Guidelines" -- lecture to GI Fellows illustrating established GI society guidelines. February 19, 2008.

Internal Medicine Resident supervision – elective rotation:

Abdo Saad, MD. Research: (a) Pancreatic duct stent placement prevents post-ERCP pancreatitis in patients with suspected sphincter of Oddi dysfunction but normal manometry. My role was supervisory as Dr. Saad collected data from manual chart review and our ERCP database. This led to an oral presentation at an international GI meeting as well as a poster presentation at a national Internal Medicine meeting, and publication of a manuscript in a GI journal; (b) Effect of intraductal secretin test on the rates of post-ERCP pancreatitis in patients with suspected sphincter of Oddi dysfunction but normal manometry. This abstract has been accepted for poster presentation at an international an international meeting (DDW 2008)

GI Fellow Elective Rotation. A one-month elective rotation where I play a supervisory role, guiding the fellow through a research project.

Mouen Khashab, MD. Research: (a) Frequency of sphincter of Oddi dysfunction in patients with previously normal sphincter of Oddi manometry studies. This abstract has been accepted as an oral presentation in the "ERCP – Pancreas" Topic Forum at DDW 2008. (b) Yield of repeat ERCP for persistently elevated LFTs after a previously normal cholangiogram in liver transplant patients with choledochochostomy anastomosis. This abstract has been accepted for poster presentation at DDW 2008.

Co-Director, ERCP Workshop for Physicians, and ERCP Workshop for Endoscopy Nurses, Indiana University Hospital. Staffed with Drs. Glen Lehman, Stuart Sherman, Lee McHenry and James Watkins, and nurse Lois Bucksot. This two-day course is held 8-10 times per year for visiting gastroenterologists, GI fellows, and endoscopy nurses. Attendance: 7-10 physicians, 10-25 nurses per course. My responsibilities include didactic lectures, live ERCP case demonstrations, review of x-rays and video demonstrations. July 2003 – present.

GI Fellows Reading Conference: December 2007, November 2006, April 2005 – 1 hour discussion with GI fellows of two chapters from a standard Gastroenterology textbook (my role is to lead and focus the discussion)

"Train-the-Trainers" international workshop, September 16-21, 2007. I was one of 48 international fellowship directors (24 from USA, 24 other) chosen to participate in this workshop, emphasizing teaching and presentation skills (one-on-one, small group, lecture settings). Co-sponsored by the World Congress of Gastroenterology and the ASGE, Oak Brook, IL.

# TEACHING ASSIGNMENTS PRIOR TO LAST ADVANCEMENT:

Attending Physician, ERCP Service, 12 months/year, Indiana University Hospital, July 1997 – June 2003.

- (a) Approximately 4-10 hours per day, 4 days per week is spent training 4<sup>th</sup> year advanced ERCP Fellows on the performance and interpretation of ERCP, and management of patients with pancreatobiliary diseases. Contact with fellows takes place in the ERCP procedure suite, outpatient clinic, and inpatient service. Precept weekly ERCP journal club.
- (b) ERCP teaching for 3<sup>rd</sup> year general Gastroenterology fellows, as part of their GI training, similar duties as advanced ERCP fellows (as above). Each 3<sup>rd</sup> year fellow receives 2 months of dedicated ERCP training during the year; 3-5 fellows per year.

Director, ERCP service, 12 months/year, Richard L. Roudebush VA Hospital, 7/1998 – 5/2001, 4/2002-6/2003. Approximately 2-4 hours/week is spent with GI Fellows and/or medical students/interns/residents, before, during and after each procedure, reviewing pancreatobiliary disease, indication for ERCP including available alternatives, and performance of ERCP.

Attending Staff Endoscopist, Wishard Memorial Hospital, 10 months/year, 7/1998-6/1999; 5 months/year, 7/1999-6/2000. Approximately 18 hours per week was spent with GI Fellows.

3<sup>rd</sup> Year Medical Student supervision, Gastroenterology Ambulatory Clinic, Medical Diagnostic Center, Indiana University Hospital, July 1999, February 2001, October 2001,

January 2002, April 2002, September 2004, October 2004, November 2004, December 2004, February 2005, March 2005 (16-20 hours/month)

3<sup>rd</sup>-year Medical Student Teaching, Gastroenterology Ambulatory Clinic, Banta Road Outreach Site, IU Medical Group Specialty Care, November 1999 (16 hours) Intern supervision, Gastroenterology Ambulatory Clinic, Medical Diagnostic Center, Indiana University Hospital, August 2000, October 2000, November 2000, September 2001 (14 hours/month)

Internal Medicine Resident supervision, Gastroenterology ambulatory clinic, Medical Diagnostic Center, Indiana University Hospital, April 2001, May 2001, November 2001, March 2002 (14 hours/month)

GI ward service attending, Indiana University Hospital: Clinical Gastroenterology service staffed by one GI Fellow, one resident, one intern, and a medical student on occasion. Responsible for in-patient management of 6-12 patients. Provide GI consultation on inpatients on other services during the month (4-10 per week), and urgent out-patient consultations as required (2 patients/week). Educational responsibilities include bedside and didactic teaching.

July 8 -28, 1999 May 29-30, June 5-7, 2000 September 7 – October 3, 2000 February 1 – 28, 2002 June 1-4, 6-7, 22-25, 2002 November 1 - 30, 2002

GI Housestaff Seminar Series: "Acute and Chronic Pancreatitis" – 1 hour interactive seminar with medical students, interns and residents rotating on the general Gastroenterology and Liver ward service at Indiana University Hospital (4-6 housestaff, monthly, from November 1999 - June 2003)

Department of Medicine Grand Rounds (1 hour lecture to medical students, interns, residents, fellows and Department of Medicine faculty)

"Necrotizing Pancreatitis", March 29, 2000

"Post-cholecystectomy Abdominal Pain: Sphincter of Oddi Dysfunction", January 23, 2002

Division of Gastroenterology/Hepatology Grand Rounds (1 hour lecture to GI fellows and faculty)

"Refractory *Clostridium difficile* Diarrhea", March 6, 2000 "Acute Pancreatitis: From Classification to Management", March 19, 2001 "Sphincter of Oddi Dysfunction", March 11, 2002 "Acute Biliary Pancreatitis: When Should the Endoscopist Intervene?", March 24, 2003

Department of Medicine Housestaff Noon Conference (1 hour lecture to medical students, interns and residents)

"Chronic Pancreatitis", January 1999 "Biliary Tract Disease", July 1999 "Necrotizing Pancreatitis", January 11, 2002 "Acute Pancreatitis", June 6, 2003

Scientific Basis of Clinical Therapeutics, 4<sup>th</sup> year Medical Students course: 1 hour lecture to senior medical student class

"Pancreatitis", March 23, 2001

Lecturer, Sophomore Introduction to Medicine Course (one-hour lecture to 2<sup>nd</sup> year medical students)

"The Biliary Tract" and "The Pancreas", February 12, 1999 - 2 one-hour lectures "The Biliary Tract" and "The Pancreas", April 11 & 12, 2000 – 2 one-hour lectures

"The Biliary Tract", March 31, 2003

Internal Medicine Resident supervision – elective rotation

Edward Kwon, MD. Research: (a) Effects of droperidol on the biliary and pancreatic sphincter; (b) Pancreatic duct stents: dislodgment rates and stent-induced changes of the pancreatic duct -- September, 2000. My role was supervisory as this resident collected data from manual chart review and our ERCP database, which led to two abstract poster presentations at an international meeting (DDW 2001)

Co-Director, ERCP Workshop for Physicians, and ERCP Workshop for Endoscopy Nurses, Indiana University Hospital. Staffed with Drs. Glen Lehman, Stuart Sherman, Lee McHenry and James Watkins, and nurse Lois Bucksot (Drs. McHenry and Watkins joined faculty in 2002). This two-day course is held 8-10 times per year for visiting gastroenterologists, GI fellows, and endoscopy nurses. Attendance: 7-10 physicians, 10-25 nurses per course. My responsibilities include didactic lectures, live ERCP case demonstrations, review of x-rays and video demonstrations. July 1997 – June 2003. GI Fellows Reading Conference: March 2003, March 2001, June 1999, December, 1998, July 1998 – 1 hour discussion with GI fellows of two chapters from a standard Gastroenterology textbook (my role is to lead and focus the discussion)

### **PROFESSIONAL SERVICE:**

#### 1. SERVICE TO THE DISCIPLINE

(a) Committee service

Research and Scientific Committee, American Society for Gastrointestinal Endoscopy, July 2005 – June 2009

(b) State and regional meetings

"Prevention of post-ERCP pancreatitis: is it a realistic goal?" 2<sup>nd</sup> Annual Gastroenterology Update, Indiana University Medical Center, February 1999.

"Chronic Elevation of Alkaline Phosphatase". Pearls and Pitfalls in Gastroenterology/Hepatology. The 4<sup>th</sup> Annual Indiana University Medical Center Update, May 2001.

"RUQ Abdominal pain: Approach to diagnosis and management". 5<sup>th</sup> Annual Update in Gastroenterology and Hepatology. Indiana University Medical Center, May 2002.

"Approach to the patient with painless jaundice and a pancreatic head mass". 6<sup>th</sup> Annual Gastroenterology/Hepatology Update. Indiana University Medical Center, May 2003.

"Pancreatitis: Medical and Endoscopic Management, Part 1". 4<sup>th</sup> Annual Symposium, Pancreatitis Association International. Indianapolis, IN. August 2003.

"Sphincter of Oddi Dysfunction: Current Concepts". Gastroenterology Associates, Evansville, IN, April 2005.

"Gastroesophageal Reflux Disease: What's New?". South Bend, IN. An evening presentation to local pharmacists, March 2006.

"Pain Management in Chronic Pancreatitis". 9<sup>th</sup> Annual Gastroenterology/Hepatology Update, Indiana University Medical Center, May 2006.

"Non-operative Palliation of Pancreatic Cancer", Gastrointestinal Oncology, The IU Multidisciplinary Approach, Indiana University Medical Center, September 2006. (c) National and International Meetings

Invited Faculty:

American Society for Gastrointestinal Endoscopy (ASGE) Hands-on ERCP course, "Prevention and Management of ERCP Complications", Cincinnati, OH, April 2004.

"Sphincter of Oddi Dysfunction: Any Progress?" American College of Gastroenterology, Board Review and Update in Clinical Gastroenterology, Annual Postgraduate Gastroenterology Course, Honolulu, Hawaii, October 2005.

"Acute Idiopathic Pancreatitis: Cut both sphincters if pancreatic sphincter pressure is high." Idiopathic Acute Pancreatitis Consensus meeting. Chicago, IL, March 2006.

American Society for Gastrointestinal Endoscopy (ASGE) First-Year Fellows' Endoscopy Course, Midwest Region, "Diagnostic Upper Endoscopy". Oak Brook, IL. September 2006.

American Society for Gastrointestinal Endoscopy (ASGE) Post-Graduate Course. "The Difficult Cannulation". Washington, DC. May 2007.

American Society for Gastrointestinal Endoscopy (ASGE) "Pancreas – Topic Forum", session moderator, San Diego, CA, May 2008.

"Prevention of Post-ERCP Pancreatitis". American College of Gastroenterology, Post-Graduate Course, Chicago, IL, June 2008.

American Society for Gastrointestinal Endoscopy (ASGE) Hands-on course for Industry Partners, Oak Brook, IL. June 2008.

Division of Gastroenterology Grand Rounds, "Sphincter of Oddi Dysfunction: An Update in 2008". Medical College of Virginia, Richmond, VA. September 2008.

**Oral Presentations:** 

Frequency of sphincter of Oddi dysfunction in idiopathic pancreatitis. American Society for Gastrointestinal Endoscopy, Washington, DC, May 1997. (Topic Forum – ERCP)

Spontaneous dislodgment of unflanged pancreatic duct stents. American College of Gastroenterology Annual Meeting, Chicago, IL, November 1997. (Topic Forum – ERCP)

Sphincter of Oddi dysfunction: combined pancreatobiliary therapy has a lower postprocedure pancreatitis rate than pull-type biliary sphincterotomy. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 1998. (Topic Forum – ERCP)

Microbiology of bile in patients with cholangitis or cholestasis and plastic biliary endoprosthesis. American College of Gastroenterology Annual Meeting, Phoenix, AZ, October 1999. (Plenary Session)

Complete disruption of main pancreatic duct: short and long term results of endoscopic management. American Society for Gastrointestinal Endoscopy, San Diego, CA, May 2000. (Topic Forum – Pancreas)

Pancreatic duct leaks: results of endoscopic management. American Society for Gastrointestinal Endoscopy, San Diego, CA, May 2000. (Topic Forum – Pancreas) Prophylactic pancreatic duct stenting in patients with suspected sphincter of Oddi dysfunction but normal sphincter of Oddi manometry. American Society for Gastrointestinal Endoscopy. Orlando, FL, May 2003 (Topic Forum - Pancreas)

Pancreatic duct stent placement prevents post-ERCP pancreatitis in patients with suspected sphincter of Oddi dysfunction (SOD) but normal manometry. American College of Gastroenterology Annual Scientific Meeting, October 2006 (Plenary Session – Liver/Pancreatic-Biliary). Las Vegas, NV 2006.

### Posters:

Bacteriostatic saline (BS) vs. non-bacteriostatic saline (NBS) as a contrast media diluant for ERCP: is there a difference in post-ERCP pancreatitis incidence? A prospective study. American Society for Gastrointestinal Endoscopy, Washington, DC, May 1997.

Cystic duct (CD) patency in malignant biliary obstruction (MBO): consideration for laparoscopic cholecystojejunostomy (CCJ). American Society for Gastrointestinal Endoscopy, Washington, DC, May 1997.

Utility of sphincter of Oddi manometry (SOM) in chronic pancreatitis (CP). American Society for Gastrointestinal Endoscopy, Washington, DC, May, 1997.

Pre-procedure acute phase protein response to vaccination: potential role for reduction of post-ERCP pancreatitis. American Society for Gastrointestinal Endoscopy, Washington, DC, May, 1997.

Experience with droperidol during sphincter of Oddi manometry. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 1998.

Incidence of sphincter of Oddi dysfunction in patients with pancreas divisum. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 1998.

Pre-procedure acute phase protein response to tetanus toxoid vaccination: potential role for reduction of post-ERCP pancreatitis: a final analysis. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 1998.

Spontaneous dislodgment of unflanged pancreatic duct stents: a final analysis. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 1998.

Are post-laparoscopic cholecystectomy complications decreasing? American College of Gastroenterology Annual Meeting, Boston, MA, October 1998.

Does stricture dilation increase the yield of brush cytology in the evaluation of biliary strictures? A prospective study. American Society for Gastrointestinal Endoscopy, Orlando, FLA, May 1999.

Manometry in native minor papillae and post minor papilla therapy: experience at a tertiary referral center. American Society for Gastrointestinal Endoscopy, Orlando, FLA, May 1999.

Spontaneous dislodgment rates of long length, small diameter, "no intraductal flange" pancreatic stents placed partially up the duct: a prospective study. American Society for Gastrointestinal Endoscopy, Orlando, FLA, May 1999.

Effects of droperidol on the biliary and pancreatic sphincter. American Society for Gastrointestinal Endoscopy, Orlando, FLA, May 1999.

Alterations in pancreatic ductal morphology following small diameter, long length, unflanged pancreatic duct stent placement. American Society for Gastrointestinal Endoscopy, San Diego, CA, May 2000.

Spontaneous dislodgment rates of long length, small diameter, "unflanged" pancreatic stents placed partially up the duct. American Society for Gastrointestinal Endoscopy, San Diego, CA, May 2000.

Does placement of a small diameter, long length, unflanged pancreatic duct stent reduce the incidence of post-ERCP pancreatitis? American Society for gastrointestinal Endoscopy, San Diego, CA, May 2000.

Does stricture dilation add to the yield of brush cytology in the evaluation of malignant biliary obstruction (MBO)? American College of Gastroenterology Annual Meeting, New York City, NY, October 2000.

Effect of biliary sphincterotomy on serum lipid profile. American Gastroenterological Association, Atlanta, GA, May 2001.

Sphincter of Oddi manometry: effects of droperidol on the biliary and pancreatic sphincter. American Society for Gastrointestinal Endoscopy, Atlanta, GA, May 2001.

Value of double-brush cytology and stricture dilation in the evaluation of malignant biliary obstruction. American Society for Gastrointestinal Endoscopy, Atlanta, GA, May 2001.

Pancreatic ductal alterations following small diameter, long length, unflanged pancreatic duct stent placement. American Society for Gastrointestinal Endoscopy, Atlanta, GA, May 2001.

Does pancreatic sphincterotomy increase the spontaneous dislodgment of temporary pancreatic duct stents? American Society for Gastrointestinal Endoscopy, Atlanta, GA, May 2001.

Improved serum cholesterol following biliary sphincterotomy in patients with sphincter of Oddi dysfunction (SOD): a novel therapy for hypercholesterolemia? American Society for Gastrointestinal Endoscopy, San Francisco, CA, May 2002.

Placement of a pancreatic duct (PD) stent reduces post-ERCP pancreatitis rates in patients with suspected sphincter of Oddi dysfunction (SOD) and normal sphincter of Oddi manometry (SOM). American Society for Gastrointestinal Endoscopy, San Francisco, CA, May 2002.

Effectiveness of a new, long cytology brush in the evaluation of malignant biliary obstruction: preliminary results of a prospective study. American Society for Gastrointestinal Endoscopy, Orlando, FL, May 2003

Effectiveness of a new, long cytology brush in the evaluation of malignant biliary obstruction: final results of a prospective study. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 2004

Yield of repeat ERCP for persistently elevated LFTs after a previously normal cholangiogram in liver transplant patients with choledochocholedochostomy anastomosis. American Society for Gastrointestinal Endoscopy, New Orleans, LA, May 2004

Pancreatitis following ERCP at a large tertiary referral center: are we making any progress? American Society for Gastrointestinal Endoscopy, Chicago, IL, May 2005

Clinical utility of peri-operative hemostatic screening tests (PHSTs) in patients undergoing outpatient ERCP. American Society for Gastrointestinal Endoscopy, Los Angeles, CA, May 2006

Annular pancreas (AP) in the adult: experience at a large pancreatobiliary endoscopy center. American Society for Gastrointestinal Endoscopy, Los Angeles, CA, May 2006 (C) Journal service

## EDITORIAL BOARDS:

Associate Editor: *Journal of Clinical Gastroenterology*, March 1998-June 2003. Assistant Editor (United States): *Endoscopy*, May 2000-June 2006. Editorial Board: *Endoscopy*, June 2006-present.

# JOURNAL REVIEW COMMITTEE MEMBER:

American Journal of Gastroenterology, October 1998-present Gastrointestinal Endoscopy, October 1998-present Gastroenterology, January 1999-present Pancreas, March 2002-present

# 2. SERVICE TO PATIENTS

- (a) Attending physician, ERCP service, Indiana University Hospital (see "TEACHING ASSIGNMENTS SINCE ADVANCEMENT")
- (b) GI ward service attending, Indiana University Hospital (see "TEACHING ASSIGNMENTS SINCE ADVANCEMENT")
- (c) Attending staff endoscopist, Director of ERCP service, Richard L. Roudebush VA Hospital (see "TEACHING ASSIGNMENTS SINCE ADVANCEMENT")
- (d) Attending staff endoscopist, Wishard Memorial Hospital (see "TEACHING ASSIGNMENTS PRIOR TO LAST ADVANCEMENT")
- (e) Attending Staff endoscopist, Indiana University Hospital, July 1997-present (0.5 days/week)
- (f) Outpatient Gastroenterology Consultation, Medical Diagnostic Center, Indiana University Hospital, July 1997-2006 (0.5 days/week)
- (g) Consultant in Gastroenterology, Witham Memorial Hospital, Lebanon, Indiana, September 2000-present (1 day/week)

Patient care skills

- (a) Consultative
- (b) Endoscopic Upper GI endoscopy (diagnostic and therapeutic)
  - Small bowel enteroscopy (diagnostic and therapeutic)

- Percutaneous gastrostomy tube (PEG) placement (± jejunal tube placement)

- Flexible sigmoidoscopy (diagnostic and therapeutic)
- Colonoscopy (diagnostic and therapeutic)

- Endoscopic Retrograde Cholangiopancreatography (ERCP), with sphincter of Oddi manometry (diagnostic and therapeutic, biliary and pancreatic)

- Expandable metallic stenting of malignant gastrointestinal obstruction

## **UNIVERSITY SERVICE**:

1. University Administrative service

ERCP Fellowship Director, Division of Gastroenterology/Hepatology, February 2002 - present. (review applications from national and international candidates for ERCP fellowship position, co-ordinate interview and selection process; coordinate annual schedule for ERCP fellows and GI fellows rotating through the ERCP service; supervise and mentor fellows during the ERCP rotation)

Director of IU Gastroenterology Services, Lebanon site, and Director of Endoscopy, Witham Health Services, Lebanon, IN.

2. University Committee service

(a) departmental

Chairman, Morbidity and Mortality Rounds, Division of Gastroenterology/Hepatology, July 2001 – June 2003. (monthly conference)

Member, Fellows Education Committee, Division of Gastroenterology/Hepatology, October 2003-2004.

Member, Drug Specialty Panel, Adult General Medicine, Clarian Health Partners, Division of Gastroenterology representative, August 2000-present. (monthly conference, make recommendations to the Pharmacy and Therapeutics Committee regarding medications on the hospital formulary)

Interviewing prospective Intern candidates, Departments of Medicine and Medicine/Pediatrics, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006

Interviewing prospective Gastroenterology Fellows, Division of Gastroenterology/Hepatology, 1999, 2000, 2001, 2006, 2008.

(b) school

Faculty Steering Committee, Indiana University Medical Group Representative, March 2008-present.

Alternate Member, Institutional Review Board, Indiana University School of Medicine, March 2001–2005.

(c) campus -- not applicable

(d) system -- not applicable

3. University Student service

Housestaff advisor (interns/residents). In this role, I provide formal and informal counseling, feedback on housestaff performance, suggestions regarding career goal facilitation, and any other role as deemed necessary by the housestaff. We meet on 2-4 occasions per year, or as frequently as necessary.

Advisees:	Dr. Miguel Escobar, July 1999-June 2002 Dr. Joseph Santos, July 2000-January 2001 Dr. Bing Xue, April 2001-June 2003
	Dr. Chris Sofianos, July 2001-June 2003
	Dr. Jason Ford, July 2003-present
	Dr. Andrew Overhiser, July 2004-2007
	Dr. Christopher Wilson, July 2004-2007
	Dr. Syed Moinuddin, July 2006-present

# **OTHER PROFESSIONAL ACTIVITIES:**

Mentorship of ERCP fellows: 1997-1998	Choudari, C.P. (England)
1998-1999	Kalayci, Cem (Turkey)
1999-2000	Rerknimitr, Rungsun (Thailand)
1999-2001	Devereaux, Benedict (Australia)
2001	Fukushima, Toyomi (Japan)
2001	Blaut, Urszula (Poland) – research only
2001-2002	DeBellis, Mario (Italy)
2001-2002	Park, S.H. (South Korea) – research only
2002-2003	Rashdan, Abdullah (Jordan)
2003-2004	Cheng, Bruce (Taiwan) – research only
2003	Mosler, Patrick (Germany)
2004-2005	Alazmi, Waleed (Kuwait)
2004-2005	Yimcharoen, Panot (Thailand) – research only
2005-2006	Cheon, Young (South Korea) – research only

2005-2007	Attasaranya, Siriboon (Thailand)
2006-2007	Wagh, Mihir (India)
2006-2008	Hassan, Ayman (Egypt) – research only
2007-2008	Kongkam, Pradermchai (Thailand)
2007-2008	Ahmed, Furqaan (Pakistan)

### **GRANTS AND FELLOWSHIPS:**

Principal Investigator:

American College of Gastroenterology Clinical Research Award: "Clinical Utility of Preoperative Hemostatic Screening Tests and the Value of Previous Results in Patients Undergoing Outpatient ERCP". 7/1/2001-6/30/2002. \$16,672.00.

"EPISOD study: Evaluating Predictors & Interventions in Sphincter of Oddi Dysfunction". Multicenter randomized Controlled Trial, Medical University of South Carolina primary site. Indiana University site Principal Investigator. Sponsor: NIDDK. 4/ 2008-4/2013.

Co-Investigator / Sub-Investigator:

Safety and efficacy of recombinant human interleukin-10 (TENOVIL) in prevention of post-ERCP acute pancreatitis in subjects with increased risk. PI: Stuart Sherman, MD. Sponsor: Schering Plough. 3/2002-6/2004.

North American Pancreatitis Study 2. Mulitcenter study evaluating patients with acute and chronic pancreatitis, University of Pittsburgh primary site, Indiana University PI: Stuart Sherman, MD. Sponsor: University of Pittsburgh. 7/1/2003-4/30/2006.

Multicenter prospective randomized controlled trial of the Nitinol ZILVER expandable endoprosthesis in the palliation of extrahepatic malignant biliary obstruction (MOZART 1). Indiana University PI: Glen Lehman, MD. Sponsor: Wilson-Cook. 10/31/2003-4/30/07.

A study to investigate the effect of Creon® on maldigestion in patients with exocrine pancreatic insufficiency due to chronic pancreatitis and pancreatectomy. PI: Glen Lehman, MD. Sponsor: Solvay Pharmaceuticals. 2/1/07-ongoing.

A clinical registry to assess performance and clinical utility of the Spyglass direct visualization system. PI: Stuart Sherman, MD. Sponsor: Boston Scientific. 2/6/07-ongoing.

An open-label clinical study evaluating the long-term safety of ALTU-135 in the treatment of patients with exocrine pancreatic insufficiency due to chronic pancreatitis or pancreatectomy. PI: Glen Lehman, MD. Sponsor: Altus. 8/1/07-ongoing.

A phase-II study to assess the safety and methods for determining the efficacy of RG1068 (synthetic human secretin)-enhanced magnetic resonance cholangiopancreatography (MRCP) in the evaluation of patients with a history of acute or acute recurrent pancreatitis. PI: Fatih Akisik, MD. Sponsor: RepliGen. 6/2/06-6/5/08.

# PRINT AND ELECTRONIC PUBLICATIONS:

# I. Teaching

# Non-refereed:

- (1) (T)(S) Choudari CP, **Fogel E**, Kalayci C, Sherman S, Lehman GA. Current status of endoscopic balloon dilation for stone removal (editorial). **Endoscopy** 1999;31:406.
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- (3) (T)(S) Fogel EL, Sherman S. Performance of sphincter of Oddi manometry. Clinical Perspectives in Gastroenterology 2001;May/June:165-173.
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### II. Research

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### III. Professional Service

#### **Non-Refereed works**

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Signature\_\_\_

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