

## **CURRICULUM VITAE**

### **NAME**

Manoop S. Bhutani, MD, FASGE, FACG, FACP

### **PRESENT TITLE AND AFFILIATION**

#### **Primary Appointment**

Professor of GI Medicine and Nutrition(with tenure)  
Department of GI Medicine & Nutrition  
UT MD Anderson Cancer Center  
Houston, Texas

### **CITIZENSHIP AND VISA STATUS**

[---]

### **HOME ADDRESS (current)**

[-----]

### **OFFICE ADDRESS**

Department of GI Medicine  
& Nutrition - Unit 436  
UT MD Anderson Cancer Center  
Faculty Center Room 10.2028  
1515 Holcombe Blvd.  
Houston, TX 77030-4009  
Phone:713-794-5073  
FAX: 713-563-4398  
[-----]

### **EDUCATION**

#### **Degree-Granting Education**

Kurukshetra University, Hisar, India, PreUniversity & Premedical, [--], Chemistry,  
Biology, Physics

Maharishi Dayanand University, Medical College, Rohtak, India, MBBS, (equivalent to  
MD) [--], Medicine

#### **Postgraduate Training**

Residency, Wright State University School of Medicine, Dayton, Ohio, [-----]

Fellowship, Wright State University School of Medicine, Dayton, Ohio, [-----]

Advanced Endoscopy Fellowship, Medical University of South Carolina, Charleston,  
South Carolina, [-----]

## **CREDENTIALS**

### **Board Certification**

American Board of Internal Medicine: [-----]

American Board of Internal Medicine-Gastroenterology, [-----]  
Recertification completed [-----]

### **Licensure(s)**

#### **Active**

Texas, [-----]

Florida, [-----]

#### **Inactive:**

Iowa, [-----]

South Carolina, [-----]

Ohio, [-----]

## **EXPERIENCE/SERVICE**

### **Academic Appointments**

Research Associate at Roswell Park Memorial Institute, Buffalo, New  
York. 7/1988-12/1988

Post Doctoral Research Associate at University of Cincinnati,  
Cincinnati, OH. 1/1989-6/1989

Instructor in Internal Medicine (First, Second, and Third-Year Resident) at Wright State  
University School of Medicine, Dayton, OH. 7/1989-6/1992

Clinical Instructor of Medicine(Fellow in Gastroenterology)  
Wright State University School of Medicine, Dayton, OH. 7/1992-6/1994

Advanced Endoscopy Scholar in Endoscopic Ultrasonography and

Attending physician in the Division of Gastroenterology, Medical University of South Carolina, Charleston, SC. 7/1994-6/1995

Assistant Professor of Medicine, Wright State University School of Medicine, Dayton, Ohio. (Tenure accruing) 7/1995-2/1998

Associate Professor of Medicine and Biomedical Engineering, Wright State University, Dayton, Ohio. (Tenure Accruing) 3/1998-8/1998

Associate Professor of Medicine, University of Florida, Gainesville, Florida (On tenure effective July 1, 2001). 8/1998-9/2001

Appointed as a “special” faculty to the Graduate School through the Department of Nuclear and Radiological Engineering for supervising Ph.D students.

Associate Professor of Medicine (with tenure), Division of Gastroenterology, Department of Medicine, University of Texas Medical Branch, Galveston, Texas. 10/2001- 8/2003

Professor of Medicine (with tenure), Division of Gastroenterology, Department of Medicine, University of Texas Medical Branch, Galveston, Texas. 9/2003 – 3/2007

Professor of Medicine (with tenure), Department of GI Medicine & Nutrition UT MD Anderson Cancer Center, Houston, Texas. 3/2007- current

### **Academic Administrative Appointments/Responsibilities**

Director, Program for EUS Diagnosis, Research and Training. Wright State University, Dayton, Ohio, 1998

Director, Endoscopic Training, Wright State University, Dayton, Ohio, 1998

Director, GI Endoscopy Unit, VA Medical Center, Wright State University School of Medicine, Dayton, OH, 1995-1998

Director, Center for Endoscopic Ultrasound, Department of Medicine, Division of Gastroenterology, University of Florida, Gainesville, Florida, 1998-2001

Director, Center for Experimental Endoscopy, Department of Medicine, Division of Gastroenterology, University of Florida, Gainesville, Florida, 1998-2001

Co-Director, Center for Endoscopic Research, Training and Innovation (CERTAIN), Department of Medicine, Division of Gastroenterology, University of Texas Medical Branch, Galveston, TX, 2001- 2007.

Director, Center for Endoscopic Ultrasound, Department of Medicine, Division of Gastroenterology, University of Texas Medical Branch, Galveston, TX, 2001-2007.

### **Institutional Committee Activities**

Member, Laboratory Animal Care and Use Committee, Wright State University, Dayton, Ohio, from 7/1995 to 7/1998

Member, Research and Development Committee, VA Medical Center, Dayton, Ohio, 1/1996 to 7/1998.

Member of planning committee for NIH sponsored animal research workshop held at Wright State University. 5/1996.

Member, Executive Clinical Committee, Division of Gastroenterology, University of Texas Medical Branch, Galveston, 10/2001 – current.

Member, GI and Nutrition Course Planning Committee, University of Texas Medical Branch, Galveston, 2002.

Member, GI and Nutrition Course Planning Committee, University of Texas Medical Branch, Galveston, 2003

General Member of the UTMB Cancer Center, University of Texas Medical Branch, Galveston, 2003-current

Member, GI and Nutrition Course Planning Committee, University of Texas Medical Branch, Galveston, 2004

Committee of Full Professors, Department of Medicine, University of Texas Medical Branch, Galveston, 2004-current.

Member, UTMB Department of Radiology Academic Review, 4/2005

Member, GI and Nutrition Course Planning Committee, University of Texas Medical Branch, Galveston, 2005.

Chairman, Adhoc Internal Medicine Committee at University of Texas Medical Branch for promotion of Dr. Steven Lieberman, 2005

Chairman, Supervisory Committee for Masters of Science Program for Bhavani Moparty, MD at UTMB Graduate School of Biomedical Sciences, 2005-2006

Chairman, Supervisory Committee for Masters of Science Program for Ramesh Srinivasan, MD (GI Fellow) at UTMB Graduate School of Biomedical Sciences, 2006-2007

Member, Supervisory Committee for Masters of Science Program for Rami Hawari, MD (GI fellow) at UTMB Graduate School of Biomedical Sciences, 2006-2007

## **HONORS AND AWARDS**

Intern of the Year Award at Wright State University, Dayton, Ohio for the year [-----]

Best Resident Scholarly Paper Award at Wright State University, Dayton, Ohio for the year [-----]

Best Resident Scholarly Paper Award at Wright State University, Dayton, Ohio for the year [-----]

Award in recognition of scholarship in support of the mission of the Dayton Area Cancer Association, 1992.

GI fellows Award for Academic Excellence at Wright State University School of Medicine, Dayton, Ohio for the year [-----]

Award for the best podium presentation of a clinical vignette at the American College of Physicians - Ohio Chapter meeting held in Columbus, Ohio on October 22, 1993.

Awarded the American Society for Gastrointestinal Endoscopy/Wilson-Cook Advanced Endoscopy Scholarship for the year 1995-1995.

Best Scientific Paper Award at the Southern Medical Association, Kansas City, November 15, 1995.

Nominated for the Janssen Award for Outstanding Achievement in Clinical Gastroenterology, 1996

American Gastroenterology Association Travel Award for attending and presenting at the World Congresses of Gastroenterology, Vienna, Austria. Sept. 6-11, 1998

Member, International Biographical Center Advisory Council, Cambridge, England.

Selected as one of the 2000 Outstanding Scientists of the 20<sup>th</sup> Century, International Biographical Center Advisory Council, Cambridge, England.

Elected as Fellow of the American College of Physicians

Elected as Fellow of the American College of Gastroenterology

Honorary Faculty Member of the Solca Cancer Institute, Cuenca, Ecuador, 2000

Institutional Nominee (University of Florida) for Burroughs Wellcome Fund, Clinical Scientist Award in Translational Research for 2000.

Institutional nominee (University of Texas Medical Branch) for Burroughs Wellcome Fund, Clinical Scientist Award in Translational Research for 2002.

Honored by UTMB during a special reception for UTMB faculty who have served as book authors and editors, 2002.

First runner up for election for Governor of the American College of Gastroenterology for the South Texas Region, 2002.

Best Doctors in America 2003-2004

Mentor for [-----](4<sup>th</sup> year medical student), who was awarded Marcel Patterson Prize in Gastroenterology at Univ. of Texas Medical Branch for his research project. 2004

Mentor for [-----](4<sup>th</sup> year medical student), who was awarded the 1<sup>st</sup> prize at Univ. of Texas Medical Branch at the Nicholson Integrative Medicine Forum on April 27, 2004.

National Register's Who's Who in Executives and Professionals Registered with the Library of Congress 2004-2005

Best Doctors in America 2005-2006

Elected as Fellow of the American Society for Gastrointestinal Endoscopy- 2006

Presidential Poster Award , American College of Gastroenterology, 2006

## **RESEARCH**

### **Grants and Contracts (funded and pending)**

Principal Investigator, Intramural Funding from Veterans Affairs Medical Center, Dayton, Ohio for Endoscopic Research, 1995-1997, \$30,000

Co-Principal Investigator, [-----] Grant, Contrast Agents During Endoscopic Ultrasound, 1997-1998, \$[---]

Attending and Presenting at the World Congress of Gastroenterology, Vienna, Austria, American Gastroenterology Association Travel Award, 9/1998, \$[---]

Principal Investigator, Intramural Research Funding for Endoscopic Ultrasound and Endoscopic Research from [-----], 1998-2000, \$[----]

Site Principal Investigator, An open-label, randomized trial comparing the safety and efficacy of systematic chemotherapy (Gemcitabine) to immunotherapy (Cyto-implant intra tumor implants of allogeneic peripheral blood mononuclear cells sensitized against patient allo-antigens by mixed lymphocyte culture) as first line therapy for patients with unresectable locally advanced and metastatic pancreatic cancer, AIT-PAN-201, [-----], 1999-2000, \$[---]

Training Grant, Research training and mentoring in endoscopic ultrasound of [-----] 3/2000-12/2000, \$[----]( as salary support for [-----])

Training Grant, Research and clinical mentoring in endoscopic ultrasonography of [-----], 7/2000-10/2000, \$[-----] (as salary support for [-----])

Principal Investigator, Endoscopic Ultrasound Characterization of the Subregions of the GI Tract, [-----] Grant, 2000-2001, \$[---]

Site Principal Investigator, A Phase III, Multicentre, Randomized, Placebo-Controlled , Double-Blind, Parallel-Group Clinical Trial to Confirm the Efficacy and Safety of Synsorb Cd (16g/day or 24 g/day) for the Treatment of Recurrent Clostridium Difficile Associated Disease (RCDAD), [-----].2000-2001, \$[---]

Co-Principal Investigator, Experimental Studies on Thoracic Duct and Vasculature during EUS in an Animal Model, [-----], 2000-2001, \$[---]

Site Principal Investigator, International Cooperative Pancreatic Cyst Aspiration Study, [-----], PI:[-----], 2000-2001, \$[----]

Site Principal Investigator, Prospective Comparison of Colonic Imaging Tests, NIH R01-CA-82334, PI: Don Rockey, 2000-2005, \$8,141,911

Co-Investigator, The role of the hedgehog pathway in lung cancer development, [-----], PI:[-----], 2001-2002, \$[----]

Co-Investigator, Quantitative tomography for early detection of colorectal cancer, [-----], PI:[-----], 2001-2002, \$[----]

Training Grant, Research training and mentoring in endoscopic ultrasound of [-----], [-----]

Training Grant, 2001-2002, \$[-----]

Co-Principal Investigator, Innovative Research in Gastrointestinal Endoscopy, [-----  
-----], PI: [-----], 2001-2005, \$[----]

Co-Principal Investigator, Botulinum Toxin as a Treatment Approach for Gastroparesis, [----  
-----], Co-PI: [-----], 2003-  
2004, \$[---]

Training Grant, Research training and mentoring in endoscopic ultrasound of [---- -----].  
Grant from the [-----] as salary support for [-----], 2004-2005, \$[----]

Training Grant, Research and clinical training/mentorship in endoscopic ultrasonography of  
[-----] as salary support for [-----],  
1/2005-6/2005, \$[----]

Co-Principal Investigator, Endoscopic Research and Education Grant at [-----  
-----]. 2004-2005, \$[----]

Principal Investigator, Intramural Funding for Endoscopic Research, [-----  
----], 2001-2007, \$[-----]

Co-Principal Investigator, Endoscopic Research and Education, [-----  
-----] 2005-2006, \$[----]

Training Grant, Research training and mentoring in endoscopic ultrasound of [-----  
[-----] Grant from [-----]  
-----] as salary support for [-----] 2005-2006, \$[---]

[-----  
-----] (pending)

## **PUBLICATIONS (published or accepted, only)**

### **a. Articles in Peer-Reviewed Journals**

1. Gearhart, MO., **Bhutani MS.**, Intravenous Pentamidine Induced Bronchospasm. Chest 102:1891-92,1992
2. **Bhutani MS.**, Czachor, J.S., Brown, D.M. Candida Tropicalis Arthritis. Infectious Diseases in Clinical Practice 1:382-86,1992
3. **Bhutani MS.**, Pachecho, J. Metastatic colon Carcinoma to Oral Soft Tissues. Special Care in Dentistry 12:172-73,1992
4. Bhutani, A., **Bhutani MS.**, Patel, R. Methemoglobinemia in a Patient Undergoing Gastrointestinal Endoscopy. The Annals of Pharmacotherapy 26:1239-40,1992



5. **Bhutani MS.**, Mathews, T., Akuthota, P. Muscle Spasms and Stiffness That Progressed for Four Years. *Hospital Practice* May 30:131-32,1992
6. **Bhutani MS.**, Premanandan J: Sterile Pyuria, Anorexia and Weight Loss in a 61-year-old woman. *Hospital Practice* July 15: 28, 34-35,1993
7. **Bhutani MS.**, Iron deficiency anemia of unknown etiology in a 60-year-old man. *Hospital Practice* February 15:1973,1994
8. **Bhutani MS.**, Gupta, S.C., Markert, R.J., Barde, C.J., Donese R., Gopalswamy, N. A prospective controlled evaluation of endoscopic detection of angiodysplasia and its association with aortic valve disease. *Gastrointestinal Endoscopy* 42:398-402,1995
9. **Bhutani MS.**, Acute non-traumatic hemoperitoneum in an alcoholic. *Hospital Practice*. 30:16G,1995
10. Nickl, N.J., **Bhutani MS.**, Catalano, M., et al. Clinical Outcomes in Endoscopic Ultrasound: the American Endosonography Club Study. *Gastrointestinal Endoscopy* 44:371-7,1996
11. **Bhutani MS.**, Barde, C.J. Endosonographic findings in pseudomyxoma peritonei. *Endoscopy* 28:459,1996
12. **Bhutani MS.**, Reed, C.E., Hoffman, B.J. Endosonographic diagnosis of an esophageal duplication cyst. *Endoscopy* 28:396-397,1996
13. Silvestri, G.A., Hoffman, B.J., **Bhutani MS.**, et al. Endoscopic ultrasound guided fine needle aspiration for the diagnosis and staging of lung cancer. *Annals of Thoracic Surgery* 61:1441-1445,1996
14. Gopalswamy, N, Shenoy, V.N., Choudhry, U, Markert, R.J., Peace, N, **Bhutani MS.**, Barde, C.J.: Is In Vivo Measurement of Size of Polyps During Colonoscopy Accurate? *Gastrointestinal Endoscopy* 46:497-502,1997.
15. **Bhutani MS.**, Hawes, R.H., Baron, P.L., Sanders-Clitte, A, VanVelse, A., Osbourne, J.F., Hoffman, B.J.: Endoscopic Ultrasound Guided Fine Needle Aspiration of Malignant Pancreatic Lesions. *Endoscopy* 29:854-858,1997
16. **Bhutani MS.**, Hoffman, B.J., VanVelse, A., Hawes, R.H.: Contrast Enhanced Endoscopic Ultrasonography with Galactose Microparticles-SHU508A (Levovist®). *Endoscopy* 29:635-639,1997
17. **Bhutani MS.**, et al. A Novel Method of Steroid Injection into Esophageal Strictures Under Endoscopic Ultrasound Miniprobe Guidance. *Endoscopy* 29:757-759,1997
18. **Bhutani MS.**, Hawes, R.H., and Hoffman, B.J.: A Comparison of the Accuracy of EchoFeatures During Endoscopic Ultrasound (EUS) and EUS Guided Fine Needle

Aspiration for Diagnosis of Malignant Lymph Node Invasion. *Gastrointestinal Endoscopy* 45:474-479,1997

19. **Bhutani MS.**, Dexter, D., McKellar, D.P., Castillo, M.H., Gopalswamy, N., Barde, C.J.: Intraoperative Endoscopic Ultrasonography in Zollinger-Ellison Syndrome. *Endoscopy* 29:754-756,1997
20. Hoffman, B.J., Knapple, W., **Bhutani MS.**, et al. Treatment of Achalasia by Injection of Botulinum Toxin under Endoscopic Ultrasound Guidance. *Gastrointestinal Endoscopy* 45:77-79,1997
21. **Bhutani MS.**, Feasibility and Usefulness of Endoscopic Ultrasound Miniprobe-Guided Steroid Injection in Esophageal Strictures. *Endoscopy* 30:743,1998
22. Parasher VK, Meroni E, Malesci A, Spinelli P, Tommasini M, Markert R, **Bhutani MS.**, Observation of Thoracic Duct Morphology in Portal Hypertension by Endoscopic Ultrasound. *Gastrointestinal Endoscopy* 48: 588-592,1998
23. **Bhutani MS.**, Hoffman BJ, Hawes RH. A swine model for teaching endoscopic ultrasound (EUS) imaging and intervention under EUS guidance. *Endoscopy* 30: 605-609,1998
24. **Bhutani, MS.**, Suryaprasad S, Moezzi J, Seabrook D. What is the best technique for performing endoscopic ultrasound guided fine needle aspiration of lymph nodes. *Endoscopy* 31:550-553,1999
25. **Bhutani, MS.**, Endoscopic Ultrasound changes of Chronic Pancreatitis in Asymptomatic And Symptomatic Alcoholics. *Journal of Ultrasound in Medicine* 18:455-462,1999
26. **Bhutani MS.**, Hoffman BJ, Hawes RH. Diagnosis of Pancreas Divisum by Endoscopic Ultrasonography. *Endoscopy* 50:117-119,1999
27. **Bhutani MS.**, Endoscopic Ultrasound (EUS) and EUS guided Fine Needle Aspiration for the Diagnosis of Rectal Linitis Plastica Secondary to Prostate Carcinoma. *Gastrointestinal Endoscopy* 50:117-119,1999
28. **Bhutani MS.**, Aveyard M, Stills HF Jr. Improved model for teaching interventional EUS. *Gastrointestinal Endoscopy* 52:400-403,2000
29. Moezzi J, Gopalswamy N, Haas RJ, Markert RJ, Suryaprasad S, **Bhutani MS.** Stromal Eosinophilia in Colonic Epithelial Neoplasms. *American Journal of Gastroenterology* 95: 520-523,2000
30. **Bhutani MS.**, Nadella P. Utility of an upper echoendoscope for endoscopic ultrasonography of malignant and benign conditions of the sigmoid/left colon and the rectum. *American Journal of Gastroenterology* 96:3318-3322, 2001

31. Irisawa A, **Bhutani MS**, Hikichi T, Oyama H, Sato N, Shibukawa G, Katakura K, Takagi T, Yamamoto G, Yamada Y, Obara K, Sato Y. EUS guided fine needle aspiration biopsy. *Clinical Gastroenterology* 16:1831-1838, 2001
32. Irisawa A, Hernandez LV, **Bhutani MS**. Endosonographic features of a granular cell tumor of the colon. *Journal Ultrasound Med* 20:1241-1243, 2001
33. Irisawa A, **Bhutani MS**. Cystic Lymphangioma of the colon: endosonographic diagnosis with through the scope catheter miniprobe and determination of further management. Report of a case. *Dis Colon Rectum* 44:1040-1042, 2001
34. Wallace MB, Hawes RH, Durkalski V, Chak A, Mallery S, Catalano MF, Wiersema MJ, **Bhutani MS**, Ciaccia D, Kochman ML, Gress FG, Van Velse A, Hoffman BJ. The reliability of EUS for the diagnosis of chronic pancreatitis: interobserver agreement among experienced endosonographers.: *Gastrointestinal Endoscopy* 53:294-99, 2001
35. Gress F, Schmitt C, Savides T, Faigel DO, Catalano M, Wassef W, Roubein L, Nickl N, Ciaccia D, **Bhutani M**, et al. Interobserver agreement for EUS in the evaluation and diagnosis of submucosal masses. *Gastrointestinal Endoscopy* 53:71-76, 2001
36. Hernandez LV, Mishra G, Forsmark C, Draganov PV, Peterson JM, Hochwald SN, Vogel SB, **Bhutani MS**. Role of Endoscopic Ultrasound(EUS) and EUS-Guided Fine Needle Aspiration in the Diagnosis and Treatment of Cystic Lesions of the Pancreas. *Pancreas* 25:222-228, 2002
37. **Bhutani MS**, Barde CJ, Markert RJ, Gopalswamy N. Length of esophageal cancer and degree of luminal stenosis during upper endoscopy predict T stage by endoscopic ultrasound. *Endoscopy* 34:461-3, 2002
38. Ezzeddine D, Jit R, Katz N, Gopalswamy N, **Bhutani MS**. Pyloric injection of botulinum toxin for treatment of diabetic gastroparesis. *Gastrointestinal Endoscopy* 55:920-923, 2002
39. Huh CH, **Bhutani MS**, Farf'an EB, Bolch WE. Individual variations in mucosa and total wall thickness in the stomach and rectum assessed via endoscopic ultrasound. *Physiol. Meas.* 24, *Physiol. Meas.* 24 N15–N22 PII: S0967-3334(03)64992-0 (Institute of Physics Publishing) 2003
40. Hernandez LV, Irisawa A, Nadella P, **Bhutani MS**. Comparison of Endoscopic Ultrasound with Computed Tomography for the Detection of Mediastinal Lymphadenopathy. *GEN* 57(1):33-37, 2003
41. Singh VV, **Bhutani MS**, Draganov P. Carcinoid of the minor papilla in incomplete pancreas divisum presenting as acute relapsing pancreatitis *Pancreas* 27(1):96-7, 2003

42. Irisawa A, Obara K, **Bhutani MS**, Saito A, Shishido H, Shibukawa G, Takagi T, Yamamoto G, Seino O, Shishido F, Kasukawa R, Sato Y. Role of para-esophageal collateral veins in patients with portal hypertension based on the results of endoscopic ultrasonography and liver scintigraphy analysis. *J Gastroenterol Hepatol* 18(3):309-14, 2003
43. Raju GS, Faruqi S, **Bhutani MS**, Soloway R. Catheter probe EUS-assisted treatment with hemoclips of a colonic Dieulafoy's lesion with recurrent bleeding. *Gastrointestinal Endoscopy* 60(5):851-4, 2004
44. Irisawa A, Mishra G, Hernandez LV, **Bhutani MS**. Quantitative analysis of endosonographic parenchymal echogenicity in patients with chronic pancreatitis. *Journal of Gastroenterology and Hepatology* 19(10):1199-205, 2004
45. Arantes V, Logrono R, Faruqi S, Ahmed I, Waxman I, **Bhutani MS**. Endoscopic sonographically guided fine-needle aspiration yield in submucosal tumors of the gastrointestinal tract. *Journal of Ultrasound in Medicine* 23(9):1141-50, 2004
46. Warneke RM, Walser E, Faruqi S, Jafri S, **Bhutani MS**, Raju GS. Cap-assisted endoclip placement for recurrent ulcer hemorrhage after repeatedly unsuccessful endoscopic treatment and angiographic embolization: case report. *Gastrointestinal Endoscopy* 60(2):309-12, 2004
47. Nath S, Shabot M, Nealon W, Xiao S-Y, Gadre S, **Bhutani MS**. Focal Hypertrophic Gastric Folds Masquerading as a Gastric Neoplasm. *Visible Human Journal of Endoscopy* 3(2), 2004
48. **Bhutani MS**, Gress FG, Giovannini M, Erickson RA, Catalano MF, Chak A, Deprez PH, Faigel DO, Nguyen CC. The No Endosonographic Detection of Tumor (NEST) Study: a case series of pancreatic cancers missed on endoscopic ultrasonography. *Endoscopy*. 36(5):385-9, 2004
49. Parasher VK, Hernandez LV, Leveen RF, Mladinich, CRJ, Nonabur V , **Bhutani MS**. First report of lymph sampling/lymphangiography by endoscopic ultrasound guided transesophageal thoracic duct puncture in a swine model. *Gastrointestinal Endoscopy* 59(4):564-7, 2004.
50. Hernandez LV, Mishra G, George S, **Bhutani MS**. A Descriptive Analysis of EUS-FNA for Mediastinal Lymphadenopathy: An Emphasis on Clinical Impact and False Negative Results. *American Journal of Gastroenterology* 99(2):249-254, 2004

51. Wakatsuki T, Irisawa A, **Bhutani MS**, et al. Comparative study of the diagnostic value of cytologic sampling by endoscopic ultrasonography guided fine needle aspiration and that by endoscopic retrograde pancreatography for the management of pancreatic mass without biliary stricture. *Journal of Gastroenterology and Hepatology* 20(11):1707-1711, 2005
52. Bhanot P, Nealon WH, Walser EM, **Bhutani MS**, Tang WW, Logroño R. Clinical, imaging, and cytopathological features of solid pseudopapillary tumor of the pancreas. A clinicopathologic study of 3 cases and review of the literature. *Diagnostic Cytopathology* 33(6):421-428, 2005
53. Moparty B, Nealon WH, Xiao S-Y, **Bhutani MS**. Common bile duct tubulopapillary adenoma masquerading as an ampullary neoplasm in a patient with Familial Adenomatous Polyposis (FAP). *Visible Human Journal of Endoscopy* 4(2):2-3, 2005
54. Chowdhury R, **Bhutani MS**, Mishra G, Toskes PP, Forsmark CE. Comparative analysis of direct pancreatic function testing versus morphological assessment by endoscopic ultrasonography for the evaluation of chronic unexplained abdominal pain of presumed pancreatic origin. *Pancreas* 31:63-8, 2005
55. Raju GS, Ahmed I, Xiao SY, Brining D, **Bhutani MS**, Pasricha PJ. Graded Esophageal Mucosal Ablation with Cryotherapy, and the Protective Effects of Submucosal Saline. *Endoscopy* 37:523-6, 2005
56. Rockey DC, Paulson E, Niedzwiecki D, Davis W, Bosworth HB, Sanders L, Yee J, Henderson J, Hatten P, Burdick S, Sanyal A, Rubin DT, Sterling M, Akerkar G, **Bhutani MS**, et al. Analysis of air contrast barium enema, computed tomographic colonography, and colonoscopy: prospective comparison. *Lancet* 22;365(9456):305-11, 2005
57. Bosworth HB, Rockey DC, Paulson EK, Niedzwiecki D, Davis W, Sanders LL, Yee J, Henderson J, Hatten P, Burdick S, Sanyal A, Rubin DT, Sterling M, Akerkar G, **Bhutani MS**, et al. Prospective comparison of patient experience with colon imaging tests. *Am J Med* 119(9):791-9, 2006
58. Moparty B, Chaya CT, Riall TS, **Bhutani MS**. EUS findings of 2 large enteric submucosal masses in a patient with choledochocoele. *Gastrointest Endosc* 64(3):436-7, 2006
59. Logrono R, Bhanot P, Chaya C, Cao L, Waxman I, **Bhutani MS**. Imaging, Morphologic, and Immunohistochemical Correlation in Gastrointestinal Stromal Tumors (GISTs). *Cancer Cytopathology* 25;108(4):257-66, 2006

60. Raju GS, Gomez G, Xiao S-Y, Ahmed I, Brining D, **Bhutani MS**, Kalloo A, Pasricha PJ. Effect of a novel pancreatic stent design on short-term pancreatic injury in a canine model. *Endoscopy* 38(3):260-5, 2006
61. Chi S, Huang S, Li C, Zhang X, He N, **Bhutani MS**, et al. Activation of the hedgehog pathway in a subset of lung cancers. *Cancer Lett.* Jan 27, 2006
62. Ezzeddine D, Ezzeddine R, Mckenzie R, **Bhutani MS**. Virtual gastroscopy: Initial attempt in North American patients. *Journal of Gastroenterology and Hepatology* 21(1):219-21, 2006
63. **Bhutani MS**, Wong RF, Hoffman BJ. Training facilities in GI Endoscopy: A non-human model as an aid to learning EUS. *Endoscopy* 38(9):932-4, 2006
64. Moparty B, Logroño R, Nealon WH, Waxman I, Raju GS, Pasricha PJ, **Bhutani MS**. The role of endoscopic ultrasound guided fine needle aspiration in distinguishing pancreatic cystic lesions. *Diagnostic Cytopathology* 35(1):18-25, Jan 2007
65. [-----], (in press)
66. [-----] (*in press*)
67. [-----] (*in press*)
68. Chaya CT, Luthra G, Ernst R, **Bhutani MS**. A Subepithelial Mass determined by EUS to be a Splenic Artery Aneurysm. *Gastrointestinal Endoscopy* 65(1):153-4, Jan 2007
69. Artifon ELA, Sakai P, Ishioka S, Silva AF, Maluf F, Chaves D, Matuguma S, Pompeo A, Lucon A, Srougi M, **Bhutani MS**. Endoscopic ultrasound(EUS) for locoregional staging of prostate cancer-A pilot study. *Gastrointestinal Endoscopy* 65(3):440-7, Mar 2007
70. Irisawa A, Katakura K, Ohira H, Sato A, **Bhutani MS**, Hernandez LV, Koizumi M. Usefulness of endoscopic ultrasound to diagnose the severity of chronic pancreatitis. *J Gastroenterol.* 42 Suppl 17:90-4, Jan 2007

**Contributions to peer-reviewed clinical research publications, participation cited but not by authorship**

1. Brugge WR, Lewandrowski K, Lee-Lewandrowski E, Centeno BA, Szydlowski T, Regan S, del Castillo CF, Warshaw AL. Diagnosis of pancreatic cystic neoplasms: a report of the cooperative pancreatic cyst study. *Gastroenterology* 126(5):1330-6, 2004

## **b. Invited Articles**

1. Hoffman BJ, **Bhutani MS**, Knapple, WL, Hawes, RH. Treatment de l'achalasie par injection de toxine botulinique sous controle echoendoscopieque (Treatment of achalasia by injection of botulinum toxin under endoscopic ultrasound guidance). *Acta Endoscopica* 25:485-490, 1995
2. **Bhutani MS**. Pros and Cons of Trans-esophageal Endoscopic Ultrasound Guided Access to the Mediastinum in patients with Lung Cancer. *Advances in Gastroenterology, Hepatology and Clinical Nutrition* 3:59-62, 1998
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15. **Bhutani, MS.** Endoscopic Ultrasound: Tumor Staging (esophagus, gastric, rectal, lung) In: VanDam J, Wong R (eds). GI Endoscopy. Landes Bioscience, Austin, 2004.
16. Dunphy R, **Bhutani MS.** Esophageal Lymphoma. E-medicine. Online Textbook of Medicine, Surgery, Obstetrics and Gynecology and Psychiatry ([www.emedicine.com](http://www.emedicine.com)).
17. **Bhutani MS,** Deutsch JC. EUS Anatomy of the Abdomen, Radial Orientation. In: Bhutani MS, Deutsch J (editors),. Digital Human Anatomy and Endoscopic Ultrasonography. B C Decker,Inc. Hamilton, London, p67-121;2005
18. Oto A, **Bhutani MS.** Introduction to Diagnostic Ultrasonography and Endosonography. In: Bhutani MS, Deutsch J (editors),. Digital Human Anatomy and Endoscopic Ultrasonography. B C Decker,Inc. Hamilton, London, p13-25;2005
19. [-----]  
-----].(in press)
20. [-----]  
-----].(in press)

**g. Books (edited and written)**

1. **Bhutani, MS.** Editor, Interventional Endoscopic Ultrasound. Harwood Academic publishers,Amsterdan 1999.
2. **Bhutani, MS.** Editor, Tandon, R.K., (co-editor). Advances in Gastrointestinal Endoscopy. JayPee Brothers Medical Publishers, New Delhi 2001
3. **Bhutani MS.** Deutsch J (Editors), Digital Human Anatomy and Endoscopic Ultrasonography. B C Decker,Inc. Hamilton, London, 2005

4. Neoptolemos J, **Bhutani MS**. Disorders of the pancreas and biliary tract. Health Press, Oxford, 2006

#### **h. Letters to the Editor**

1. **Bhutani MS.**, Soleimanpour, M. Patriotic Swallow. Gastrointestinal Endoscopy. 38:402, 1992
2. **Bhutani MS.**, Dysphagia in Stiff-Man Syndrome. American Journal of Gastroenterology 86:1857-58, 1992
3. **Bhutani MS.**, Gopalswamy, N. Idiopathic Hypertrophic Sub-Aortic Stenosis, Aortic Stenosis and Angiodysplasia. American Journal of Gastroenterology 88:2145-2146, 1993
4. **Bhutani MS.**, Determination of gastroduodenal permeability. Gastroenterology 105:1268, 1993
5. **Bhutani MS.**, Dysphagia in myotonic dystrophy. American Journal of Gastroenterology 88:974, 1993
6. **Bhutani MS.**, Electrocardiographic abnormalities in Inflammatory Bowel Disease. American Journal of Gastroenterology 88:1804, 1993
7. **Bhutani MS.**, Gopalswamy, N., Gupta S.C. Heyde's Syndrome - The Controversy Continues. American Journal of Gastroenterology 89:954, 1994
8. **Bhutani MS.**, Curative Endoscopic Resection of a Carcinoid Tumor of the Rectum. American Journal of Gastroenterology 89:645, 1994
9. **Bhutani MS.**, Beck, G. Cytomegalovirus induced esophageal ulceration. Gastrointestinal Endoscopy 40:648-49, 1994
10. **Bhutani MS.**, Gopalswamy, N. A multicenter experience in the United States with primary malignant tumors of the small intestine. American Journal of Gastroenterology 89:460, 1994
11. **Bhutani MS.**, Endoscopic ultrasound for rectal carcinoid tumors. American Journal of Gastroenterology 91:2651, 1997
12. **Bhutani MS.**, Another caveat for endoscopic ultrasound guided fine needle aspiration Gastrointestinal Endoscopy 48:658, 1998
13. **Bhutani MS.**, Botulinum Toxin Injection in Achalasia Before Myotomy. American Journal of Gastroenterology 93: 1012, 1998
14. **Bhutani MS.**, Contrast agents for endoscopic ultrasound. Gastrointestinal Endoscopy

47:324,1998

**i. Manuals, Teaching Aids, Other Publications**

1. **Bhutani MS**, Waxman IW. Interactive Endoscopic Ultrasound Training Course On CD-ROM. American Society for Gastrointestinal Endoscopy 2001
2. Hernandez LV, **Bhutani MS**. Endoscopic Ultrasound Radial Scanning: Normal Pancreatobiliary Anatomy. UpToDate(Gastroenterology) 2000, Wellesley, MA. This is a CD-ROM production.
3. **Bhutani MS** (Chair). Authors: Hawes R, VanDam J, Chang K, Rex D. "Advances in GI Imaging"(audiotape). American Gastroenterology Association 2000.

**j. Other**

One of the medical editors for E-Medicine: online textbook of medicine, surgery, obstetrics and gynecology and psychiatry. **www.emedicine.com**

**EDITORIAL AND REVIEW ACTIVITIES**

**Editor/Service on Editorial Board(s)**

1. Editor, American Endosonography Committee Newsletter, 1997- 2000
2. Founding Editor: Endosonography Corner. In: Gastroenterology and Endoscopy News,1997-present
3. Member, Medical Advisory Board, Gastroenterology and Endoscopy News, 1997-present.
4. Member, Editorial Review Board, Gastrointestinal Endoscopy, 1999-2004
5. Member, Founding Editorial Board, Techniques in Gastrointestinal Endoscopy, 1999-present
6. Guest Editor, Techniques in Gastrointestinal Endoscopy. Endoscopic Ultrasonography part I: Diagnostic Techniques. WB Saunders April 2(2), 2000
7. Guest Editor, Techniques in Gastrointestinal Endoscopy. Endoscopic Ultrasonography Part II: Therapeutic Techniques and Applications, WB Saunders 2(3), 2000
8. Guest Editor, Five Paper Series on Endoscopic Ultrasonography. Practical Gastroenterology 2000-2001

9. Member, Editorial Board, Cancer Biology and Therapy, 2001-present
10. Member, Founding Editorial Board, Visible Human Journal of Endoscopy, 2001-present
11. Member, Editorial Board, American Journal of Gastroenterology, 2002-2006
12. Member, Editorial Board of the Gastroenterology domain of The Scientific World Journal, 2003-present
13. Editor for CME section, Gastrointestinal Endoscopy, CME section, 2005
14. Member, Editorial Board, Gastroenterology and Hepatology, 2005-present
15. Member, Editorial Board, Gastrointestinal Endoscopy, 2006-present

### **Journal Reviewer**

1. Reviewed manuscripts for *Gastrointestinal Endoscopy*, 1995-2006
2. Reviewed manuscripts for *American Journal of Gastroenterology*, 1995-2006
3. Reviewed manuscripts for *Journal of Gastroenterology and Hepatology*, 1998-2006
4. Reviewed manuscripts for *Chest*, 1999-2005
5. Reviewed manuscripts for *Endoscopy*, 1998-2006
6. Reviewed manuscripts for *Journal of Clinical Gastroenterology*, 1999-2006
7. Reviewed manuscripts for *International Journal of Gastrointestinal Cancer*, 2002
8. Reviewed manuscripts for *Digestive and Liver Disease*, 2006
9. Reviewed manuscripts for *Journal of Clinical Ultrasound*, 2006
10. Reviewed manuscripts for *Nature Clinical Practice Gastroenterology and Hepatology*, 2006
11. Reviewed manuscripts for *Cancer*, 2006

## **TEACHING**

### **FROM 2001-2007 at Univ. of Texas Medical Branch**

#### **Formal Teaching:**

Teaching diagnostic and therapeutic endoscopy to gastroenterology fellows.

Teaching endoscopic ultrasound to gastroenterology fellows as well as to national and international fellows/faculty who come for advanced training in endoscopic ultrasound to UTMB.

Inpatient GI Consult Service with GI Fellows and any internal medicine residents or medical students on gastroenterology elective.

GI and Nutrition Course for Medical Students at UTMB in 2002,2003,2004,2005.

Member of the Planning Committee.

Lecture on Pancreatic Cancer.

Moderator and faculty for close circuit demonstrations of endoscopic procedures.

Volunteer lecture:” Applied Anatomy in Gastroenterology” for the Association of Internal Medicine Brown Bag Series for medical students at UTMB, on September 25, 2002 and in Sept 2003.

#### **Courses Taught:**

Course Director: International Workshop in Therapeutic Endoscopy in March 2003, Feb.2005 and March 2006 that was organized by the UTMB’s Center for Endoscopic Research, Training and Innovation(CERTAIN) along with the CME office.

#### **Training Programs:**

Director, Endoscopic Ultrasound Training Program, 2001-2007

#### **Supervisory Committees**

Chair, Supervisory Committee for Masters of Science Program for Ramesh Srinivasan, MD (GI Fellow) at UTMB Graduate School of Biomedical Sciences, 2006-2007

Chair, Supervisory Committee for Masters of Science Program for Bhavani Moparty, MD at UTMB Graduate School of Biomedical Sciences, 2005-2006

Faculty, Supervisory Committee for Masters of Science Program for Rami Hawari, MD (GI fellow) at UTMB Graduate School of Biomedical Sciences, 2006-2007

## **Direct Supervision**

### **Medical Students**

Mentor, University of Texas Medical Branch, [-----], Senior Medical Student, 2003-2004

### **Graduate Students**

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[-----], 2005-2006  
[-----], 2006-2007  
[-----] 2006-2007  
[-----] 2006-2007

### **Residents, Fellows, Advanced Fellows, National and International Junior Faculty**

1. Mentor, University of Florida, [-----], Assistant Professor of Medicine, 1998-2001
2. Mentor, University of Florida, [-----], GI Fellow, 1999-2001
3. Mentor, University of Florida, [-----], Public Health, 1999-2001
4. Mentor and Instructor, University of Florida, [-----], Gastroenterology-Advanced EUS Fellow, 2000-2001
5. Mentor, University of Florida, [-----], International Research Faculty, 2000-2001
6. Mentor, University of Florida, [-----], Assistant Professor, 2001
7. Mentor and Instructor, University of Texas Medical Branch, [-----], GI Fellow, 2001-2002
8. Mentor and Instructor, University of Texas Medical Branch, [-----], GI Fellow, 2001-2003
9. Mentor, [-----] Mansoura University, Egypt, , International Visiting Research Faculty, 2/2002- 8/2002

10. Mentor, Vitor Arantes, MD,[-----], Brazil, International Visiting Research/Training Faculty for Endoscopic Ultrasound, 2003
11. Mentor, [-----] from Belo Horizonte, Brazil, International Visiting Research/Training Faculty for Endoscopic Ultrasound, 6/2003-6/2004
12. Mentor and Instructor, University of Texas Medical Branch, [---- -----], Gastroenterology Fellow, 2003-2004
13. Mentor and Instructor, University of Texas Medical Branch, [-----], Gastroenterology Fellow, 2003-2004
14. Mentor, [-----] from Istanbul Turkey. International Visiting Research/Training Faculty for Endoscopic Ultrasound, 12/2004-12/2005
15. Mentor, University of Utah, [-----], 6months of advanced endoscopy and research training, 1/2005-6/2005
16. Mentor, [-----] from Fukushima University School of Medicine, Japan, International Research Faculty, 9/2005-9/2006
17. Mentor, University Texas Medical Branch, [-----], Internal Medicine Resident, 2005
18. Mentor, University of Texas Medical Branch, [-----], Internal Medicine, Resident, 2005
19. Submentor, University of Texas Medical Branch, [-----], Gastroenterology Fellow, 2005
20. Mentor, [-----] from Sao Paulo, Brazil. International Visiting Research/Training Faculty for Endoscopic Ultrasound, 2005
21. Mentor, [-----] from UK.International Visiting Research/Training Faculty(Pancreatic Surgeon) for Endoscopic Ultrasound, 2005
22. Member, Supervisory Committee, University of Texas Medical Branch, [-----], Gastroenterology Fellow, 2006
23. Mentor, research and training in endoscopic ultrasound, [-----], University Hospital in Bellvitge, Barcelona, Catalonia, Spain, 6/2006-12/2006
24. Mentor, Gastroenterology Fellow (Master's program), [-----] MD, University of Texas Medical Branch, 6/2006-current



25. Mentor, research and training in endoscopic ultrasound, [-----]  
International Visiting Faculty, Barcelona, Spain, 9/2006-12/2006
26. Mentor, University of Texas Medical Branch, [-----], GI Fellow,  
2006-2007

## **Outside of Current Institution**

### **Organization of National or International Conferences/Symposia (Include chairing session)**

American Society for Gastrointestinal Endoscopy, EUS 2000: 2nd Hands-on Endoscopic Ultrasound Course, Cincinnati, Ohio, Course Co-Director. April 7-8, 2000

American Gastroenterology Association Annual Meeting, Advances in GI Imaging Session, San Diego, CA, Chairman and Moderator. May 24, 2000.

United European Gastroenterology Week, Interventional Endoscopic Ultrasonography Symposium. Brussels, Belgium. Chairman and Moderator. Nov. 28<sup>th</sup>, 2000

American Society for Gastrointestinal Endoscopy. EUS 2001: 3<sup>rd</sup> Hands-on Endoscopic Ultrasound Course, Cincinnati, Ohio. Course Director. April 6-7, 2001.

American College of Gastroenterology, Annual Meeting, GI Diseases in Minorities, Las Vegas, Nevada, Chairman and Moderator, October 23, 2001.

.American College of Gastroenterology. Annual Meeting, GI diseases in Minorities, Seattle, Washington, Chairman and Moderator, October 22, 2002.

Advanced Course on Endoscopic Management of Mucosal and Submucosal Lesions of the GI Tract. Management of Gastric Lesions, Milan, Italy, Panelist and Co-Chairman, November 17-18, 2005

Society for Gastrointestinal Endoscopy of India, Live Endoscopy Cases Session, Endocon 2006, 6<sup>th</sup> Annual Conference, New Delhi, Chairperson, Feb. 10-12, 2006

Society for Gastrointestinal Endoscopy of India, Endoscopic Tissue Imaging. Endocon 2006, 6<sup>th</sup> Annual Conference, New Delhi, Chairperson, Feb. 10-12, 2006

EUROEUS 2006: Beyond the Guidelines, Experts Confrontation, EUS and ERCP-Competition or Synergy, Hamburg Germany, Co-Chairman and Panelist, April 28-29, 2006, Hamburg, Germany,

American Society for Gastrointestinal Endoscopy. Annual Meeting/Digestive Disease Week, Clinical Innovations in EUS, Los Angeles, CA, Co-Chairman and Moderator, May 21<sup>st</sup>-May 2<sup>nd</sup>, 2006

American Society for Gastrointestinal Endoscopy, First Year Fellows' Endoscopy Course, Oakbrook, Illinois, Course Director, Sept. 30<sup>th</sup>-October 1, 2006

## **Presentations at National or International Conferences**

### **Invited**

### **National**

1. Invited speaker, Meet the Professor: Endoscopic Ultrasound in the Evaluation of Pancreatic Diseases. American Gastroenterology Association Annual Postgraduate Course, New Orleans, LA, 5/1998
2. Invited speaker, Recent Developments in Endoscopic Ultrasound. American Association of Gastroenterologists of Indian Origin, Annual Meeting. Orlando, Florida, 5/1999
3. Invited speaker, Tumor Staging and Common Diagnoses by EUS. EUS 2000: 2<sup>nd</sup> Hands-on Endoscopic Ultrasound Course of the American Society for Gastrointestinal Endoscopy, Cincinnati, Ohio, 4/2000
4. Invited speaker, ASGE Poster Grand Rounds. Annual Meeting of the American Society for Gastrointestinal Endoscopy, San Diego, CA, 5/2000
5. Invited speaker, EUS guided fine needle aspiration. 3rd Hands-on Endoscopic Ultrasound Course of the American Society for Gastrointestinal Endoscopy. Cincinnati, Ohio, 4/2001
6. Invited speaker, Focused clinical research update in endoscopic ultrasound, American Gastroenterology Association Annual Meeting, San Francisco, CA, 5/2002
7. Invited speaker, Debate: EUS prior to ERCP in management of pancreatobiliary disorders. American College of Gastroenterology/Texas Society for Gastroenterology and Endoscopy. The 28<sup>th</sup> Annual Program. Galveston, Texas, 9/2003
8. Invited speaker, Meet the Professor: EUS for the Non-Endosonographer. American Society of Gastroenterology Annual Meeting/Digestive Disease Week, New Orleans, LA, 5/2004
9. Invited speaker, Lower Gastrointestinal Bleeding. ASGE First Year Fellows Course, Oakbrook, IL, 10/2004

10. Invited speaker, Meet the Professor: EUS for the Non-Endosonographer. American Society of Gastroenterology Annual Meeting/Digestive Disease Week, Chicago, IL, 5/2005
11. Invited speaker, ASGE Poster Tours: EUS. American Society of Gastroenterology Annual Meeting/Digestive Disease Week, Chicago, IL, 5/2005
12. Invited speaker, Using Animal Models in Endoscopic Research, An ASGE symposium for young international endoscopists. American Society for Gastrointestinal Endoscopy Annual Meeting/Digestive Disease Week, Chicago, IL, 5/2005
13. Invited speaker, Endoscopic Ultrasound: Imaging, Intervention and Beyond. American Association of Physicians of Indian Origin, Annual Convention, Houston, Texas, 6/2005
14. Invited speaker, Advanced Techniques: "What the 1<sup>st</sup> year fellow needs to know". First year Fellows' Endoscopy Course of the American Society for Gastrointestinal Endoscopy, Oakbrook, Illinois, 8/2005
15. Invited speaker, Recent Advances in EUS. American College of Gastroenterology/The Texas Society for Gastroenterology and Endoscopy, The 30<sup>th</sup> Annual Program, Houston, Texas, 9/2005
16. Invited speaker, Aspiration Cytology of the Pancreas: Diagnostic Pitfalls and Effectiveness of Percutaneous Image Guided and Endosonographically Guided FNA. National Teleconference by the American Society of Cytopathology, Galveston, Texas, 10/2005
17. Invited speaker, Using Animal Models in Endoscopic Research, An Interactive Symposium for Young International Endoscopists. American Society for Gastrointestinal Endoscopy Annual Meeting/Digestive Disease Week, Los Angeles, CA, 5/2006

### **International**

1. Endoscopic ultrasound. Delivered at the Postgraduate Institute of Medical Education and Research, Chandigarh, India, 3/1995
2. EUS in Pancreatic Disease. Post Graduate Institute of Medical Sciences, Chandigarh, India, 11/1999
3. Three Dimensional Endoscopic Ultrasound. French-Belgium Endosonography Meeting. Brugge, Belgium, 1/1999

4. Contrast Enhanced Endoscopic Ultrasound. French-Belgium Endosonography Meeting. Brugge,Belgium, 1/1999
5. Invited speaker, Interventional Endosonography. International Workshop of Therapeutic Endoscopy. Hyderabad, India, 2/2000.
6. Interventional Endosonography. Grand Rounds at Nizam's Institute of Medical Sciences, Hyderabad, India, 2/2000.
7. Invited speaker, Endoscopic Ultrasound for Esophageal Cancer Past, Present and Future of Endoscopic Ultrasound Interventional Endoscopic Ultrasound Fourth International Oncology conference at Solca Cancer Institute, Cuenca, Ecuador, 4/2000
8. Invited speaker, Endoscopic ultrasound guided anti-tumor therapy. United European Gastroenterology Week, Brussels, Belgium, 11/2000
9. Invited speaker, Endoscopic ultrasound guided anti-tumor therapy. Gastrointestinal Endoscopy Society of India, New Delhi, India, 11/2000
10. Invited speaker, Normal endosonographic anatomy and common diagnoses. International Workshop on Therapeutic Endoscopy. New Delhi, India, 11/2000
11. Invited speaker, Endosonography and New Developments in Barrett's Esophagus. GERD and Barrett's Esophagus, International Meeting, Kantonsspital, St. Gallen, Switzerland, 9/2002
12. Invited speaker, Endoscopic Ultrasound: What a GI Nurse should know. EUS 2002. 13<sup>th</sup> International Symposium on Endoscopic Ultrasonography, New York, NY, 10/2002
13. Invited speaker, Endoscopic Ultrasound for Chronic Pancreatitis. GI Endoscopy and Interventional Radiology Workshop, 43<sup>rd</sup> Annual Conference of the Indian Society of Gastroenterology, Cochin, India, 11/2002
14. Invited speaker, Optical Coherence Tomography. Society for Gastrointestinal Endoscopy of India Annual Meeting, Cochin, India, 11/2002
15. Invited speaker, EUS-endotherapy. The future is now. EURO-EUS 2003. PANCREATIC TUMOR impact of endoscopic Ultrasonography on diagnosis, staging and treatment. Milan, Italy, 6/2003
16. Invited speaker, Emerging Indications for Interventional EUS. 3<sup>rd</sup> International Workshop on Endoscopic Ultrasonography and Advanced Therapeutic Endoscopy, Seoul, Korea, 3/2003

17. Invited speaker, EUS guided Anti-tumor Therapy. 3<sup>rd</sup> International Workshop on Endoscopic Ultrasonography and Advanced Therapeutic Endoscopy, Seoul, Korea, 3/2003
18. Invited speaker, Learning from The Masters: EUS guided FNA. 3<sup>rd</sup> International Workshop on Endoscopic Ultrasonography and Advanced Therapeutic Endoscopy, Seoul, Korea, 3/2003
19. Invited speaker, Optical Coherence Tomography. International Workshop on Therapeutic Endoscopy. Live and Hands-on. Galveston, Texas, USA, 3/2003
20. Invited speaker, Interventional Endosonography: Past, Present and Future. 132<sup>nd</sup> Conference of the Japan Gastroenterological Endoscopy Society, Sendai, Japan, 2/2004
21. Invited speaker, Optical Coherence Tomography. 132<sup>nd</sup> Conference of the Japan Gastroenterological Endoscopy Society, Sendai, Japan, 2/2004
22. Invited speaker, EUS-FNA: Is a pathologist needed in the endoscopic room? PRO! EURO-EUS 2004. 2<sup>nd</sup> European Congress of Endoscopy-Ultrasound with Live Demonstrations. Marseille, France, 6/2004
23. Invited speaker, EUS for cystic pancreatic tumors. 2<sup>nd</sup> International Workshop on Therapeutic Endoscopy, Galveston, Texas, USA, 2/2005
24. Invited speaker, Pancreatic Pain: Celiac plexus block: Does it work? National Conference on Pancreatic Diseases (1<sup>st</sup> Annual Conference of Indian Pancreas Club), New Delhi, India, 8/2005
25. Invited speaker, Diagnosis of early CP: Gold standard?: Endoscopic Ultrasound. National Conference on Pancreatic Diseases (1<sup>st</sup> Annual Conference of Indian Pancreas Club), New Delhi, India, 8/2005
26. Invited speaker, EUS for rectal lesions. Advanced Course on Endoscopic Management of Mucosal and Submucosal Lesions of the G.I. Tract. Milan, Italy, 11/2005
27. Invited speaker, EUS in 2006. Post Graduate Institute of Medical Sciences, Chandigarh, India, 2/2006
28. Invited speaker, Advances in the Management of GIST. Endocon 2006, 6<sup>th</sup> Annual Conference of Society for Gastrointestinal Endoscopy of India, New Delhi, India, 2/2006
29. Invited speaker, EUS Anatomy of the UGI Tract. Endocon 2006, 6<sup>th</sup> Annual Conference of Society for Gastrointestinal Endoscopy of India, New Delhi,

India, 2/2006

30. Invited speaker, EUS Pancreatobiliary Anatomy. Endocon 2006, 6<sup>th</sup> Annual Conference of Society for Gastrointestinal Endoscopy of India, New Delhi, India, 2/2006
31. Invited speaker, Emerging indications for interventional EUS. The Third International Workshop on Therapeutic Endoscopy with GI/Hepatology Update, Galveston, Texas, 3/2006
32. Invited speaker, Who wants to be an endoscopist? Endoscopy Quiz. The Third International Workshop on Therapeutic Endoscopy with GI/Hepatology Update, Galveston, Texas, 3/2006
33. Invited speaker, Normal EUS Anatomy-Video Presentation, The Third International Workshop on Therapeutic Endoscopy with GI/Hepatology Update, Galveston, Texas, 3/2006
34. Invited speaker, EUS for Therapeutic Interventions. EUROEUS2006.Views Beyond the Guidelines, Hamburg, Germany, 4/2006
35. Invited speaker,Diagnostic EUS for Biliopancreatic lesion (Radial). 23rd National Gastroenterology Congress,Istanbul, Turkey, Nov. 4-7,2006
36. Invited Speaker Emerging Indications for EUS. 23rd National Gastroenterology Congress,Istanbul, Turkey, Nov. 4-7,2006
37. Invited Speaker EUS-Interesting and Difficult Case Presentations. 23rd National Gastroenterology Congress,Istanbul, Turkey, Nov. 4-7,2006
38. Invited Speaker on EUS at the 8<sup>th</sup> International Workshop on Therapeutic Endoscopy in Collaboration with the American Society for Gastrointestinal Endoscopy and the European Society for Gastrointestinal Endoscopy, Cairo, Egypt, Dec.9-11<sup>th</sup>, 2006

### **Seminar Invitations from Other Institutions**

- 1.EUS in Medical Practice, CME Program and Grand Rounds at Peace River Regional Medical Center, Port Charlotte, Florida, Feb.23,2006
- 2.Endoscopic ultrasonography. Grand Rounds at Reid Memorial Hospital, Richmond, Indiana.March 13, 1996.
- 3.Endoscopic ultrasonography. Medical Grand Rounds at Greene Memorial Hospital, Xenia, Ohio, April 18, 1997.

4. Developments in Endoscopic Ultrasonography. Grand Rounds at Robert Wood Johnson Medical School, New Brunswick, New Jersey October 24, 1997
5. Endoscopic Ultrasound: Intervention and Beyond. Grand Rounds at University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, October 31, 1997
6. Endoscopic Ultrasonography: Diagnosis, Intervention and Beyond. Grand Rounds at University of Alabama at Birmingham, Birmingham, Alabama, November 13, 1997
7. Endoscopic Ultrasound. New Developments and Unusual Cases. Grand Rounds at Allegheny General Hospital, Pittsburgh, PA, December 10, 1997
8. Endoscopic Ultrasound: Intervention and Therapy. Visiting Professor Grand Rounds at University of Florida at Gainesville, Gainesville, FL January 27, 1998
9. Endoscopic Ultrasound: Intervention and future indications. Allegheny General Hospital Annual Course (On the Frontier of Gastroenterology). Pittsburgh, PA April 4, 1998
10. Professor Rounds in Endoscopic Ultrasonography. University of Colorado School of Medicine. Denver, Colorado. Aug. 6, 1998
11. Interventional Endosonography and beyond. Grand Rounds at the University of Colorado School of Medicine. Denver, Colorado. Aug. 7, 1998
12. Advanced Endoscopic Ultrasound Techniques: A hands on animal lab and live case presentation symposium. University of Illinois at Chicago. Chicago, Illinois, Jan. 20, 1999
13. Introduction to Endoscopic Ultrasonography: A hands-on animal lab and live case presentation symposium. University of Illinois at Chicago. Chicago, Illinois, Jan. 20, 1999
14. Endoscopic Ultrasonography. Grand Rounds at Orlando Regional Medical Center, March 9, 2000, Orlando, Florida.
15. Gut as an Endocrine Organ. Orlando Regional Medical Center, March 9, 2000, Orlando, Florida.
16. Endoscopic Ultrasound. Grand Rounds at Greenville Hospital, June 15, 2000, Jersey City, New Jersey.
17. Aortic Stenosis and Angiodysplasia of the Gut. Grand Rounds at Orlando Regional Medical Center, September 14, 2000, Orlando, Florida.

18. Esophagitis. Basic Research Conference at Orlando Regional Medical Center, September 14, 2000, Orlando, Florida.

19. Endoscopic Ultrasound: Normal Anatomy and Common EUS Diagnoses. Second Annual Techniques in Endoscopic Ultrasound. University of Illinois at Chicago, September 27, 2000, Chicago, Illinois

20. EUS Guided Anti-tumor Therapy. Gastroenterology Seminar at University of Texas Medical Branch, Galveston, TX, Feb. 14, 2001

21. Recent Developments in Endoscopic Ultrasound. Gastroenterology/Hepatology Seminar, University of Connecticut Health Science Center, April 3<sup>rd</sup>, 2001, Farmington, CT

22. EUS Guided Anti-Tumor Therapy. Grand Rounds at Indiana University School of Medicine, Indianapolis, IN, April 16, 2001

23. Endoscopic Ultrasonography. Department of Medicine Grand Rounds, University of Miami, Miami, FL, January 30<sup>th</sup>, 2002

24. Endoscopic Ultrasonography for Chronic Pancreatitis and Barrett's Esophagus. Grand Rounds at Medical College of Virginia, Richmond, VA, December 19<sup>th</sup>, 2002

25. Endoscopic Ultrasound: Diagnosis, Intervention, and Beyond. CME Series by the Louisiana State University School of Medicine, Shreveport, LA, March 31, 2004

26. Role of EUS in solid and cystic pancreatic masses, Surgery Grand Rounds, Louisiana State University School of Medicine, Shreveport, LA, August 17, 2004

27. Barrett's Esophagus, Role of EUS and other imaging modalities. GI Masters Grand Rounds Program, Louisiana State University School of Medicine, Shreveport, LA, August 17, 2004

28. Oncologic Applications of Endosonography, Medicine Grand Rounds, Louisiana State University School of Medicine, Shreveport, LA, August 17, 2004

29. Endoscopic Ultrasonography. Grand Rounds at Jewish Hospital, Cincinnati, Ohio, December 14, 2004

30. Endoscopic Ultrasound: Diagnosis, Intervention and Beyond. Southern Illinois University School of Medicine, Springfield, IL, June 6, 2005

31. EUS for Pancreatic Tumors, CME Program by Peace River Regional Medical Center, Port Charlotte, Florida, Feb. 23, 2006



32.EUS in 2006. Grand Rounds at Mount Sinai School of Medicine, New York,NY, Jan.27,2006

33. Advances in Endoscopic Ultrasound. The Valley Gut Club. UCSF Fresno Center for Medical Education and Research, Fresno, CA, Nov.30<sup>th</sup>,2006

### **Lectureships and Visiting Professorships**

1. Indiana University School of Medicine, Indianapolis, Indiana, November, 1996-March 1997
2. University of Colorado School of Medicine, Denver, Colorado, August, 1998
3. University of Illinois at Chicago, Chicago, Illinois, January, 1999
4. All Indian Institute of Medical Sciences, New Delhi, India, November, 1999
5. Orlando Regional Health Care System, Orlando, Florida, March, 2000
6. Greenville Hospital, Jersey City, New Jersey, June, 2000
7. Orlando Regional Health Care System, Orlando, Florida, September, 2000
8. University of Illinois at Chicago, Chicago, Illinois, September, 2000
9. University of Miami, Miami, Florida, January, 2002
10. Medical College of Virginia, Richmond, Virginia, December, 2002
11. Baylor College of Medicine, Houston, Texas, March, 2003
12. Digestive Disease Center, Florida Hospital-Celebration Health, Orlando, Florida October, 2003
13. Louisiana State University School of Medicine, Shreveport, LA, August, 2004
14. Post Graduate Institute of Medical Sciences, Chandigarh, India, February, 2006
15. Peace River Regional Medical Center, Port Charlotte, Florida, February, 2006

### **Other Presentations (state, local) Conferences**

***State and Regional Conferences:***

1. Endoscopic ultrasonography. Delivered at the Dayton Gut Club, Dayton, Ohio. February 22, 1995.
2. Endoscopic ultrasonography. Indications and clinical utility. Wright State University's Fifth Annual Dayton Gastroenterology Symposium for Primary Care Physicians, Dayton, Ohio. November 16, 1995.
3. Esophagitis: Reflux, infectious and pill induced. Wright State University's Fifth Annual Dayton Gastroenterology Symposium for Primary Care Physicians, Dayton, Ohio. November 16, 1995.
4. Is CT scan the "gold standard" for the diagnosis of pancreatic masses? First Annual Ohio GI Fellows Conference, Columbus, Ohio. December 6, 1995.
5. Endoscopic ultrasonography. Society for Gastroenterology Nurses and Assistants (Ohio Chapter). Dayton, Ohio, April 5, 1997.
6. Endoscopic Ultrasonography: Recent Developments. Pittsburgh Gut Club, Pittsburgh, PA March 9, 1998
7. Gastroesophageal Reflux Disease: An update for primary care physicians. Kings Island Resort and Conference Center, Cincinnati, Ohio June 20, 1998
8. Endoscopic Ultrasound in Pancreatic Disease. Rockford Gut Club. Rockford, Illinois. July 21, 1998
9. Endoscopic Ultrasonography in Pancreatic Diseases. Greenwood Village, Colorado. Aug. 6, 1998
10. Endoscopic Ultrasound: What a GI fellow should know. Ohio GI Fellows Conference. Sept. 26, 1998
11. Case Studies in Endoscopic Ultrasonography. Jupiter Gut Club. Jupiter, Florida, Oct. 30, 1998
12. Endoscopic Ultrasonography. Jupiter Medical Center Annual GI Symposium. Jupiter, Florida, Oct. 31, 1998
13. Endoscopic Ultrasonography. Atlanta Gut Club. Atlanta, Georgia. May 27, 1999.
14. Endoscopic Ultrasonography. Columbia County Medical Society. Lake City, Florida. August 19, 1999.
15. Endoscopic Ultrasonic Evaluation of the GI Tract American College of Physicians American Society for Internal Medicine, Florida Chapter, Annual

Scientific Meeting, September 17-19,1999, Orlando, Florida.

16.Endoscopic Ultrasound. Society for Gastroenterology, Nurses of America Florida Chapter Annual Meeting. October 2-3, 1999. Orlando, Florida .

17.Endoscopic Ultrasound in Cancer Evaluation. Joint Cancer Conference of the Florida Universities. Orlando, Florida, January 28, 2000

18.Esophagitis: It is not always due to acid. Family Care Specialists, Ocala Florida, February 22, 2000.

19.Endoscopic Ultrasound Evaluation of the GI Tract. 31st Annual Topics on Internal Medicine Course (University of Florida), March 24, 2000, Gainesville, Florida.

20.Endoscopic Ultrasonography. Panama City Gut Club, June 23<sup>rd</sup>, 2000, Panama City, Florida,

21.Endoscopic Ultrasonography: Indications, recent developments and future directions. Daytona Beach Gut Club, Dayton Beach, FL, June 18,2001

22.State-of-the-Art: Endoscopic Ultrasonography. 37<sup>th</sup> Annual Postgraduate Course, "Internal Medicine Update 2002", Miami, FL, January 30, 2002.

23.Endosonography Guided Tissue Diagnosis of GI Malignancies. Joint Cancer Conference of the Florida Universities, Orlando, FL, February 1-2, 2002.

24.Endoscopic Ultrasound-Research into New Areas of Clinical Application. The Texas Gulf Coast Digestive Diseases Center-The GI Research Forum. Houston, TX , March 13, 2003

25.Endoscopic Imaging:EUS, Capsule Endoscopy and Other Imaging. The Best of DDW, Houston, TX, August 2-3, 2003

26.Endoscopic Ultrasound in the Management of Pancreatic Cysts. Beyond Conventional Endoscopy: Developments in Endoscopic Ultrasound(EUS) and Pancreatobiliary Endotherapy, New Orleans, LA, September 26<sup>th</sup>, 2003

27.Endoscopic Ultrasound: Diagnosis, Intervention, and Beyond. Royal Pacific Resort-Universal Orlando, Orlando, FL, October 29<sup>th</sup>, 2003

28.Endoscopic Ultrasonography: Imaging, Intervention and Beyond. Milwaukee GI Society Meeting, Milwaukee, WI, October 14., 2004

29.Endoscopic Ultrasonography: What the internist needs to know. The 12<sup>th</sup> Annual Essentials in Internal Medicine: Update on principles and practice. Galveston, TX, April 8-9,2005

30. Management of GERD and Barrett's Esophagus. The 13<sup>th</sup> Annual Essentials in Internal Medicine: Update on Principles and Practice, Galveston, Texas, April 7-8, 2006

31. Therapeutic EUS. What's New in Gastroenterology and Hepatology? Organized by Southwestern Medical Center, Dallas, Texas Dec. 1-2, 2006

32. EUS and PET staging of Esophageal Cancer. Endoscopic and Comprehensive Management of Esophageal and Pancreatic Cancer. Organized by MD Anderson Cancer Center, Incline Village, Nevada, March 15-17, 2007

33. Management of Pancreatic Cysts. Endoscopic and Comprehensive Management of Esophageal and Pancreatic Cancer. Organized by MD Anderson Cancer Center, Incline Village, Nevada, March 15-17, 2007

34. EUS Video Presentations. Endoscopic and Comprehensive Management of Esophageal and Pancreatic Cancer. Organized by MD Anderson Cancer Center, Incline Village, Nevada, March 15-17, 2007

***Local and Institutional Conferences:***

1. Endoscopic ultrasonography. New Indications and Techniques. Gastroenterology Grand Rounds at the Medical University of South Carolina, Charleston, South Carolina. January 5, 1995

2. Endoscopic ultrasonography. An Introduction. Medicine Grand Rounds at VA Medical Center, Dayton, Ohio. August 23, 1995.

3. Endoscopic ultrasound. Overview and Clinical Utility. Combined Wright State University, City Wide, Surgical Grand Rounds at St. Elizabeth Hospital, Dayton, Ohio. September 6, 1995.

4. Endoscopic ultrasonography. An exciting development in Gastroenterology. Medical Grand Rounds at the Good Samaritan Hospital and Health Center, Dayton, Ohio. November 13, 1995.

5. Helicobacter pylori. Miami Valley Association of Indian Physicians Annual Meeting. March 20, 1996.

6. Angiodysplasia and aortic stenosis. Medical Grand Rounds at VA Medical Center/Wright State University, Dayton, Ohio. March 27, 1996.

7. GI endocrinology. Anesthesiology Grand Rounds, VA Medical Center, Dayton, Ohio. April 24, 1996.

- 8.How to design a clinical study? Residents Forum, Wright State University, Dayton, Ohio. April 30, 1996.
- 9.Update on upper gastrointestinal bleeding. Grand Rounds at Greene Memorial Hospital, Xenia, Ohio. June 12, 1996.
- 10.Viral hepatitis. Grand Rounds at Miami Valley Hospital, Dayton, Ohio. July 3, 1996.
- 11.Gut as an endocrine organ. Grand Rounds at VA Medical Center, Dayton, Ohio. July 31, 1996.
- 12.Endoscopic ultrasonography. Grand Rounds at Grandview Hospital, Dayton, Ohio. November 12, 1996.
- 13.Endoscopic ultrasonography. Grand Rounds at Miami Valley Hospital, Dayton, Ohio. November 13, 1996.
- 14.Gut as an Endocrine Organ. Grand Rounds at Good Samaritan Hospital, Dayton, Ohio July 20, 1998
- 15.GI Endocrinology. GI Clinical Conference at University of Florida, October 6, 1998
- 16.Endoscopic Ultrasound. Internal Medicine Grand Rounds at the University of Florida, December 1, 1998
- 17.Gut as an Endocrine Organ. Phase B and C Lecture for Medical Students. University of Florida, March 10, 1999
- 18.Endoscopic Ultrasound in Pancreatic Disease. Research Conference at University of Florida, April 1999
- 19.Review of Intra-abdominal abscesses. Morbidity and Mortality Conference, University of Florida, June 21, 1999
- 20.Principles of Therapeutic Endoscopy and Electrocautery. Core Curriculum Lecture for GI Fellows.University of Florida, June 15, 1999
- 21.Gut as an Endocrine Organ. Phase B and C Lecture for Medical Students, University of Florida. August 27, 1999
- 22.Endoscopic Ultrasonography. Radiology Grand Rounds. University of Florida, August 30, 1999
- 23.Carcinoid Tumor. GI Clinical Conference. University of Florida. October 12,1999

- 24.Challenges in Clinical Problem Solving Using Endoscopic Ultrasound. Gainesville Gut Club, Gainesville, Florida, February 15, 2000.
- 25.Carcinoid Syndrome. Medical Grand Rounds at University of Florida, Gainesville, Florida, April 20, 2000
- 26.Endoscopic Ultrasound. Seminar Series of University of Florida, Biomedical Engineering Program, Sept.5, 2000
- 27.Endoscopic Ultrasound. University of Florida, College of Veterinary Medicine Seminar Series, September 20,2000
- 28.Clearing the myth about aortic stenosis and angiodysplasia. Research Conference, Division of Gastroenterology, University of Florida,Gainesville, Florida December 21, 2000
- 29.Aortic Valve Disease and Gastrointestinal Angiodysplasia: Close relatives?Distant Relatives? Strangers? Medical Grand Rounds at the University of Florida University of Florida, Gainesville, Florida, Jan. 4, 2001
- 30.Endoscopic Ultrasonography: Indications, Recent Developments and Future Directions. Department of Internal Medicine Grand Rounds, UTMB, Galveston, TX, October 25, 2001.
- 31.Principles of Electrocautery in Endoscopy. A primer for GI fellows, UTMB, Galveston, TX, July 3, 2002
- 32.Applied Anatomy in Gastroenterology. Association of Internal Medicine Brown Bag Series for medical students, UTMB, Galveston, TX, September 25, 2002.
- 33.Pancreatic Cancer. GI and Nutrition Course, UTMB, Galveston, TX, September 25, 2002
- 34.Pancreatic Cancer, UTMB Endoscopy Club,UTMB, Galveston, TX , October 10, 2002
- 35.Endoscopic Ultrasound. Association of Internal Medicine Brown Bag Series for medical students, UTMB, Galveston, TX, September 25, 2003.
- 36.Pancreatic Cancer. GI and Nutrition Course, UTMB, Galveston, TX, September 22, 2003
- 37.Pancreatic Cancer. GI and Nutrition Course, UTMB, Galveston, TX, September 20, 2004.

38.Colon Cancer. Internal Medicine Lecture, UTMB, Galveston, TX, Jan.13,2005

39.Endoscopic and Imaging Research in GI Cancers and Pancreatic Diseases: Research in Progress, University of Texas Medical Branch, Galveston, TX, April 12<sup>th</sup>,2005

40.Pancreatic Cancer. Web based lecture. GI and Nutrition Course, UTMB, Galveston, TX, September-October, 2005

41.Pancreatic Cancer. GI and Nutrition Course, UTMB, Galveston, TX, September 20, 2006

## **PROFESSIONAL MEMBERSHIPS/ACTIVITIES**

### **Professional Society Activities, with Offices Held**

List office/position, organization, inclusive dates.

#### **Local/state**

1. Member, The Texas Gulf Coast Digestive Disease Center 2003- current
2. Member, Texas Society of Gastroenterology and Endoscopy 2004-current

#### **National and International:**

##### ***Membership in National Scientific Societies***

- 1.Fellow of the American College of Physicians 1995-current (Elected)
- 2.Fellow of the American College of Gastroenterology 1998-current (Elected)
3. Member, American Society for Gastrointestinal Endoscopy 1993-current
4. American Gastroenterology Association 1998-current
- 5.American Institute for Ultrasound in Medicine 1996-current
- 6.American Association for the Advancement of Science 2001-2004
- 7.Joint Steering Committee for Public Policy 1999-current
- 8.Fellow of the American Society for Gastrointestinal Endoscopy 2006-current(Elected)
9. Member, Society for Laparoendoscopic Surgery(SLS),2007-current

***Committees and other responsibilities in National Scientific Societies:***

1. Member of the Executive Board of the American Endosonography Committee of the American Society for Gastrointestinal Endoscopy from May 1997 to May 2000
2. Member of Research Committee of the American College of Gastroenterology from October 1997 to October 2000
3. Member of the Standards of Practice Committee of the American Society for Gastrointestinal Endoscopy. May 1997-May 1998
4. Member of the adhoc Minority Affairs Committee of the American College of Gastroenterology from October 1998 to October 2000.
5. Chair of the Minority Affairs and Cultural Diversity Committee of the American College of Gastroenterology from October 2000- October 2003.
6. Member of the Minority Affairs and Cultural Diversity Committee of the American College of Gastroenterology from October 2003-October 2004.
7. Member of the Membership Committee of the American Society for Gastrointestinal Endoscopy, May 2000 – May 2002.
8. Member, Committee on Clinical Practice of the American Gastroenterological Association, May 2002 to May 2004.
9. Member of International Committee of the American Society for Gastrointestinal Endoscopy, May 2002 to May 2005.
10. Member, Training Committee of the American Society for Gastrointestinal Endoscopy, May 2002 to May 2003.
11. Chair of the Membership Committee of the American Society for Gastrointestinal Endoscopy, May 2002 to May 2005.
12. Member, Training Committee of the American Society for Gastrointestinal Endoscopy, May 2004 to May 2005.
13. Member, Organizing Committee. 2nd InterAmerican MultiSpecialty Congress of Laparoscopy and Minimally Invasive Surgery. February 23-26, 2005 Miami Beach, Florida USA
14. Member, Training Committee of the American Society for Gastrointestinal Endoscopy, May 2004 to May 2005.



15. Member, Clinical Practice and Economics Committee of the American Gastroenterological Association, May 2004 to May 2005.

16. Member of International Committee of the American Society for Gastrointestinal Endoscopy, May 2006 to current.

17. Member, Strategic Planning Advisory Group of the American Society for Gastrointestinal Endoscopy, 2006-current

18. Member International Affairs Committee of the American College of Gastroenterology, October 2003-current.

**OTHER:**

**Invited Faculty for endoscopic demonstrations at Live and/or Hands-on International and National Endoscopy Workshops**

First Hands-on Endoscopic Ultrasound Course of American Society for Gastrointestinal Endoscopy, Cincinnati, Ohio, April, 1997.

Endoscopic Ultrasonography, A hands-on animal lab and live case presentation symposium, University of Illinois at Chicago, Chicago, IL, January 20, 1999.

Second Annual Techniques in Endoscopic Ultrasound, University of Illinois at Chicago, September 27, 2000.

EUS 2000: 2<sup>nd</sup> Hands-on Endoscopic Ultrasound Course of the American Society for Gastrointestinal Endoscopy, Cincinnati, Ohio, April 7-8, 2000.

IV International Congress of Gastrointestinal Oncology of International Union Against Cancer, Solca Cancer Institute, Cuenca, Ecuador, April 26-29, 2000.

International Workshop of Therapeutic Endoscopy, Hyderabad, India, February 1-3, 2000.

International Workshop on Therapeutic Endoscopy, Gastrointestinal Endoscopy Society of India, New Delhi, India, November 24-25, 2000.

ASGE Hands-on EUS Training Course. American Society for Gastrointestinal Endoscopy, Cincinnati, Ohio, April 6-7, 2001.

ASGE Hands-on EUS Training Course. American Society for Gastrointestinal Endoscopy, Cincinnati, Ohio, April, 2002.

43<sup>rd</sup> Annual Conference of The Indian Society of Gastroenterology, GI Endoscopy and Interventional Radiology Workshop, Cochin, India, November 25-26, 2002

3<sup>rd</sup> International Workshop on Endoscopic Ultrasonography and Advanced Therapeutic Endoscopy, Seoul, Korea, March 7-9, 2003

International Workshop on Therapeutic Endoscopy. Live and Hands-on. Galveston, Texas, USA, March 20-22, 2003

EURO-EUS 2003. PANCREATIC TUMOR impact of endoscopic Ultrasonography on diagnosis, staging and treatment. Milan, Italy, June 5-6, 2003

American College of Gastroenterology/Texas Society for Gastroenterology and Endoscopy. The 28<sup>th</sup> Annual Program. Galveston, Texas, September 12-14, 2003

EURO-EUS 2004. 2<sup>nd</sup> European Congress of Endoscopy-Ultrasound with Live Demonstrations. Marseille, France, June 10-11, 2004

American Society for Gastrointestinal Endoscopy First Year Fellows' Endoscopy Course, Oakbrook, Illinois, August 26-28, 2005

Endocon 2006, 6<sup>th</sup> Annual Conference of Society for Gastrointestinal Endoscopy of India, Feb.10-12,2006, New Delhi, India

EUROEUS2006.Views Beyond the Guidelines.April 28-29,2006, Hamburg, Germany

American Society for Gastrointestinal Endoscopy First Year Fellows' Endoscopy Course,Oakbrook, Illinois, Sept.30<sup>th</sup>-October1, 2006

23rd National Gastroenterology Congress, Istanbul, Turkey, Nov. 4-7,2006

8<sup>th</sup> International Workshop on Therapeutic Endoscopy in Collaboration with the American Society for Gastrointestinal Endoscopy and the European Society for Gastrointestinal Endoscopy, Cairo, Egypt, Dec.9-11<sup>th</sup>, 2006

**Panelist, Organizer, Moderator(in addition to National and International Meetings Listed Earlier)**

Program Chair and Course Director: The Third International Workshop on Therapeutic Endoscopy with GI/Hepatology Update, March 24-26<sup>th</sup>, 2006, Galveston, Texas

Panelist/Moderator: Video session of interesting and difficult endoscopy cases, Endoscopic Potpourri, Technical Lecture Forum:How I do it?, New Horizons in Endoscopy, The Third International Workshop on Therapeutic Endoscopy with GI/Hepatology Update, March 24-26<sup>th</sup>, 2006, Galveston, Texas

Program Chair and Course Director. 2<sup>nd</sup> International Workshop on Therapeutic Endoscopy. Galveston, Texas, Feb.26-27, 2005

Panelist. The 7<sup>th</sup> Annual Houston Series: Evening with the Experts, Houston, Texas, September 23, 2004.

Course Co-Director. The Best of DDW, Houston, TX, August 2-3, 2003

Course Director. International Workshop on Therapeutic Endoscopy. Live and Hands-on. Galveston, Texas, March 20-22, 2003

Panelist. The 5<sup>th</sup> Annual Houston Series: Evening with the Experts, Houston, Texas, September 26, 2002.

Panelist. The Gastroenterology Evening with the Experts 2002, San Antonio, Texas, May 8, 2002.

Chairman of the Planning Committee for the Second Ohio GI Fellows Conference, May 1997.

Chairman, 1st Ohio GI Fellows Conference, Columbus, Ohio, December 1996.

### **Public Service/Community Outreach/ Advocacy Activities**

American Gastroenterological Association Advocacy Day on Capitol Hill, October 1, 2004

Prescription for a Career in Medicine. Chairperson and organizer of a program for high school students at Randallstown High School, Baltimore, Maryland, on October 14<sup>th</sup>, 2003 in collaboration with the American College of Gastroenterology.

Prescription for a Career in Medicine. Chairperson and organizer of a program for high school students at Garfield High School, Seattle,

Washington, on October 22, 2002 in collaboration with the American College of Gastroenterology.

Prescription for a Career in Medicine. Chairperson and organizer of a program for high school students at Rancho High School, Las Vegas, Nevada, on October 22, 2001 in collaboration with the American College of Gastroenterology.