

## Harvard Medical School Curriculum Vitae

**Date Prepared:** March 21, 2014  
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### Education

1992	BS	Biology	State University of New York Binghamton, Binghamton, NY
1996	MD	Medicine	Pennsylvania State University College of Medicine, Hershey, PA
2002	MSc	Health Evaluation Science	Pennsylvania State University College of Medicine

### Postdoctoral Training

07/96-06/99	Intern	Internal Medicine	Pennsylvania State University College of Medicine
07/99-06/02	Clinical Fellow	Gastroenterology and Hepatology	Pennsylvania State University College of Medicine
07/00-06/02	NIH Clinical Scholar	Health Evaluation Science	Pennsylvania State University College of Medicine
07/02-06/03	Clinical Fellow	Advanced Endoscopy	Massachusetts General Hospital/Brigham and Women's Hospital, Boston, MA
07/02-06/03	Research Fellow	Medicine	Harvard Medical School, Boston, MA

### Faculty Academic Appointments

07/03-12/06	Instructor	Medicine	Harvard Medical School
01/07-11/13	Assistant Professor	Medicine	Harvard Medical School
12/13-	Associate Professor	Medicine	Harvard Medical School

### Appointments at Hospitals/Affiliated Institutions

07/03-	Associate Physician	Gastroenterology	Brigham and Women's Hospital, Boston, MA
07/03-	Consulting Staff	Medical Oncology	Dana-Farber Cancer Institute, Boston, MA
07/03-06/05	Courtesy Staff	Research Operations	Children's Hospital Boston, Boston, MA
07/05-	Courtesy Staff	Division of GI Nutrition	Children's Hospital Boston

### Other Professional Positions

2003-	Consultant, FDA Liaison, Bariatric Advisory Board	Bard, Davol Inc., Warwick, RI
2006-2007	Expert Panel on Obesity, Chair of Endoscopic Therapy Subcommittee	Blue Cross/Blue Shield of Massachusetts, Boston, MA
2006-2007	Clinical consultant, Sales Force Training	ConMed Corporation, Utica, NY
2006-2008	Consultant, Research and Development	Hansen Medical, Mountain View, CA
2006-2008	Member, Natural Orifice Transluminal Endoscopic Surgery (NOTES™) Advisory Board	Power Medical Interventions, Langhorne, PA
2006-	Consultant, Research and Development	Boston Scientific, Natick, MA
2006-	Consultant, Scientific Advisory Board, FDA liaison	USGI Medical, Inc., San Clemente, CA
2006-	Member, NOTES™ Advisory Board	Covidien, Mansfield, MA
2006-	Consultant, Pre-clinical studies, Clinical trial design and execution	ValenTx, Inc., Carpinteria, CA
2006-	Consultant, Research Support	Olympus America Inc., Center Valley, PA

2008-	Founder, Member, Board of Directors, Consultant, Ownership interest	Beacon Endoscopic, Corp. (Formerly: Boston Endoscopic Engineering, Inc.), Natick, MA
2009-	Consultant, Pre-clinical studies, Clinical trial design and execution	Vysera Biomedical Limited, Galway, Ireland
2010-	Founder, Member, Board of Directors	Endolumina, Inc., Needham, MA
2011-	Consultant, Pre-clinical studies, Clinical trial design and execution	Apollo Endosurgery, Austin, TX
2011-	Consultant, Pre-clinical studies, Clinical trial design and execution	Barosense, Redwood City, CA

### Major Administrative Leadership Positions

#### **Local**

2003-	Director, Bariatric Endoscopy	Brigham and Women's Hospital
2004-	Co-Director, Center for Integration of Medicine and Innovative Technology (CIMIT) Endoscopic Surgery Working Group	Brigham and Women's Hospital Massachusetts General Hospital
2005-	Director, Developmental Endoscopy	Brigham and Women's Hospital
2005-	Co-Chair, CIMIT Working Group on Natural Orifice Surgery	Brigham and Women's Hospital Massachusetts General Hospital
2006	Director, Endoscopic Revision of Gastric Bypass Training Project	Brigham and Women's Hospital
2011-	Director, Therapeutic Endoscopy	Brigham and Women's Hospital

### Committee Service

#### **Local**

2004-2005	Gastroenterology Clinical Programs Committee	Brigham and Women's Hospital
2004-2005		Member
2005-	Gastroenterology Development Committee	Brigham and Women's Hospital
2005-		Member
2005-	Hospital Quality Assurance and Risk Management Committee	Brigham and Women's Hospital
2005-		Member
2006-2012	Human Research Committee Institutional Review Board (IRB)	Brigham and Women's Hospital
2006-2012		Member, Panel B
2008-2010	Brigham and Women's Physician Organization (BWPO) Physician Recognition Awards Committee	Brigham and Women's Hospital
2008-2010		Member

2010	Gastroenterology Space Master Planning Committee	Brigham and Women's Hospital
2010-	Gastroenterology Clinical Leadership Committee	Chair Brigham and Women's Hospital
2010-	Committee on Admissions	Member Harvard Medical School
2013-		Member
<b>National</b>		
2005	Advisory Board	The DAVE (Digital Atlas of Video Education) Project
2006	Lehman Center Weight Loss Surgery Expert Panel	Blue Cross Blue Shield
2006		Chair, Endoscopic Therapy Subcommittee

### Professional Societies

1999-2001	Pennsylvania Society of Gastroenterology	Trainee Member
2002-2003	Gastroenterology Research Group	Trainee Member
2002-	American Society for Gastrointestinal Endoscopy (ASGE)	
2003-		Member, ASGE Post Graduate Education Committee
2004-		Member, Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR) Joint Committee (ASGE / SAGES)
		Co-chair Program Planning Subcommittee
2007		Fellow
2009-2010		Chair, Endoscopic Therapy Subcommittee, ASGE Annual Scientific Program Committee: New Technology (Therapeutics and NOTESTM)
2010-		Member, ASGE/ASMBS Joint Committee, Bariatric Endoscopy Task Force
2012-		Member, ASGE Educational Products Committee
2002-	American Gastroenterological Association (AGA)	
2003-	American College of Gastroenterology (ACG)	
2007		Fellow
2007-	Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)	
2010-		Member, Flexible Endoscopy Committee

### Grant Review Activities

2007-2009	Clinical Innovation Grant Selection Committee 2007-2009	Brigham and Women's Hospital <i>Ad hoc</i> Member
2008-2010	NOTES™ Grant Selection Committee  2008-2010	NOSCAR Joint Committee (ASGE / SAGES) <i>Ad hoc</i> Member
2009	American Recovery and Reinvestment Act (ARRA) 2009	National Institutes of Health  <i>Ad hoc</i> Member
2013	Scientific Grant Review Committee  2013	Kuwait Foundation for the Advancement of Sciences (KFAS) <i>Ad hoc</i> Member

### Editorial Activities

#### ***Ad hoc* Reviewer**

*Gastrointestinal Endoscopy (GIE)*  
*Surgery for Obesity and Related Diseases (SOARD)*  
*Endoscopy*  
*Journal of the American College of Surgeons*  
*Surgical Endoscopy*

#### **Other Editorial Roles**

2007-2009	Editorial Board, Honorary Member	World Journal of Gastroenterology, Beijing, China
2010	Guest Editor	Techniques in Gastrointestinal Endoscopy: Endoscopic Techniques in the Bariatric Patient.
2011	Guest Editor	Gastrointestinal Endoscopy Clinics of North America: Bariatrics for the Endoscopist
2013	Editor	Springer Science+Business Media, LLC: Bariatric Endoscopy

### Honors and Prizes

1989-1992	Outstanding College Student of America	Outstanding Students of America	Outstanding commitment to community and school activities.
1991-1992	Leopold Eckler Scholarship for the Sciences	State University of New York Binghamton	Excellent academic achievement in science coursework
1992	Distinguished Independent Work in Science Award	State University of New York Binghamton	Excellent academic achievement in science

1992	Graduation Award for Outstanding Academic Performance	State University of New York Binghamton	coursework Excellent academic achievement in general coursework
2000	AGA Travel Award	AGA	Sixth Annual Methodologies in Healthcare Outcomes in Gastroenterology
2000	Astra Zeneca Clinical Vignette Award	ACG	Clinical or research oriented work.
2001	Mentoring Program in Inflammatory Bowel Disease (IBD) Award	Annenberg Center for Health Sciences Scholarship	Scholarship for participation in a mentoring program on IBD.
2001	38 <sup>th</sup> Annual Komarov Competition, Award for Clinical Research	Hospital of the University of Pennsylvania, Philadelphia, PA	Best research presentation
2002	Commendation for Clinical Research	Penn State University College of Medicine Post Doctoral Fellows and Scholars Data and Dine	Outstanding clinical research
2002	Microvasive Travel Award	ASGE 18 <sup>th</sup> Interim Postgraduate Course	Clinical achievement
2002	Travel Award	National Pancreas Foundation	Clinical and research achievement
2003	ASGE Travel Award	ASGE	Clinical and research achievement
2003	Astra-Zeneca Travel Award	ASGE Annual Post Graduate Course	Clinical and research achievement
2003	23 <sup>rd</sup> Annual Audio Visual Award - DVD Tutorial – Digital Video Atlas of Duodenoscope Assisted Cholangiopancreatography	ASGE	Outstanding instructional DVD video atlas
2003	1 <sup>st</sup> Place – EUS-Guided Ethanol Ablation of Pancreatic Cystadenomas	New England Endoscopy Society Annual Research Symposium	Best research presentation
2004	1 <sup>st</sup> Place – Peroral Endoscopic Repair of Staple-Line Dehiscence in Roux-en-Y Gastric Bypass: A Less Invasive Approach	New England Endoscopy Society Annual Research Symposium	Best research presentation
2006	26 <sup>th</sup> Annual Audiovisual Award - Endoscopy in the Bariatric Patient	ASGE	Outstanding instructional DVD video atlas
2006	1 <sup>st</sup> Place – Trans-colonic Cholecystectomy	New England Endoscopy Society Annual Research Symposium	Best research presentation
2007	Clinical Innovations Award	Brigham and Women’s Physician Organization	Hospital award given annually for the most

			clinically innovative program – Awarded for the Bariatric Endoscopy Program
2008	Blackwell Lectureship - Endoscopic Management of Obesity	ACG/American Journal of Gastroenterology (AJG)	Honorary Lecture
2008	BWPO Physician Recognition Award	Brigham and Women's Physician's Organization	Clinical and research achievement

## **Report of Funded and Unfunded Projects**

### **Funding Information**

#### **Past**

2000-2002	Cost Effectiveness of Pancreato-Biliary Imaging Technique NIH K30 Clinical Scholars Grant Student Researcher The major goals of this project were to obtain Masters training in medical related outcomes research, with emphasis on trial design and economic modeling.
2003-2005	NOTES™ Department of Health and Human Services (HHS) Clinical Loan Repayment Program PI \$35,000 Provided loan repayment for academic physicians
2004-2006	Endoscopic Transgastric Surgery of the Lower Abdomen and Pelvis CIMIT/Department of Defense Cooperative agreement no. DAMD17-02-2-0006 PI \$25,000 To determine the feasibility of performing endoscopic appendectomy, oophorectomy and tubal ligation using devices placed into the peritoneal cavity via the trans-gastric route in an in vivo model.
2004-2007	Per-oral Endoscopic Gastrojejunal Anastomosis CIMIT/Department of Defense Cooperative agreement no. DAMD17-02-2-0006 PI \$25,000 The purpose of this study used an animal model (swine) to determine the feasibility of performing an endoscopic gastric bypass using devices placed through the mouth
2005-2006	BWH Division of Gastroenterology, Hepatology and Endoscopy Ken and Louise Goldberg Junior Faculty Award PI \$20,000 To provide financing for lab support for developmental endoscopy research.
2006-2007	Project 1 – Peritoneal Access and Exploration Hansen Medical, Inc. PI \$176,611

Device development for NOTES™

- 2006-2008 Transluminal Endoscopic Surgery Working Group  
CIMIT, Department of Defense cooperative agreement DAMD17-02-2-0006  
PI \$25,000  
Promote interaction of surgeons and endoscopists and a monthly seminar to discuss advancements in NOTES™.
- 2006-2008 NOTES™ Cross Training  
ASGE Career Development Award  
PI \$75,000  
Enhancing our current transgastric program to further the field, and produce a curriculum that may be used to train gastroenterologists as hybrid physicians capable of performing transluminal surgery as various aspects are translated to human use.
- 2006-2008 Innovation Program Bariatric Endoscopy Program  
Clinical Innovations SEED Funding Grant  
PI \$100,000  
Provided SEED funding for the bariatric endoscopy center.
- 2006-2009 Endoscopic Modification of Gastric Bypass  
DAVOL, Inc., Individual Research Project A8360  
PI \$124,943  
Evaluated the Bard Endocinch for endoscopic anastomotic reduction in a porcine model for translation to human use.
- 2006-2009 RESTORe: Randomized Evaluation of Endoscopic Suturing Transorally For Anastomotic Outlet Reduction  
Davol, Inc. Multi-center Pivotal Clinical Trial  
PI \$283,275  
To evaluate weight loss via endoscopic bypass repair. Member of Executive Committee and primary author of abstracts and manuscripts.
- 2007-2008 Physiological Effects of NOTES™ vs. Traditional Laparoscopy  
NOSCAR  
PI \$74,220  
To study the physiologic effects of NOTES™ through both a transgastric and transcolonic approach, and compare this to traditional laparoscopic technique.
- 2007-2010 Sterile Access Conduit  
CIMIT, Department of Defense, USAMRAA W81XWH-07-2-0011  
PI \$25,000  
Prototype development and enhancement of NOTES™ using this prototype.
- 2007-2010 Endoscopic Transcolonic Cholecystectomy in a Porcine Model: A Survival Study  
CIMIT, Department of Defense, USAMRAA W81XWH-07-2-0011  
PI \$15,000  
Use a novel transcolonic approach to achieve scarless natural orifice cholecystectomy with



survival in a porcine model.

- 2007-2011    Advanced Endoscopic Translational Research  
NIH Loan Repayment Program  
PI \$140,000  
Provides direct funds for loan repayment.
- 2007-2012    Transoral Gastric Volume Reduction as an Intervention for Weight Management (TRIM): A  
Non-Randomized Multicenter Feasibility Study of Subjects with Class II or Low Grade Class  
III Obesity  
Davol, Inc. Multi-center Pivotal Clinical Trial  
PI \$25,815  
To evaluate a transoral, primary obesity procedure. Member of Executive Committee and  
primary author on abstracts and manuscripts.
- 2007-2012    Optimal Sterile Technique for NOTES™  
NOSCAR  
PI \$75,000  
To identify an optimal sterile NOTES™ technique in an ex vivo and in vivo porcine models  
that could be translated to humans.
- 2008-2010    Systemic Mapping of NOTES™ Access /sites in Human Cadavers  
CIMIT, Department of Defense USAMRAA W81XWH-07-2-0011  
PI \$56,000  
To understand the technical hurdles and patient safety issues that stand in the way of  
successfully performing NOTES™ in humans.
- 2008-2012    Magnetic Assisted Retraction for Advanced NOTES™ Procedures  
CIMIT, Department of Defense USAMRAA W81XWH-07-2-0011  
PI \$31,399  
To evaluate the use of magnets in advanced NOTES™ procedures and resections.
- 2008-2012    Use of a new endosurgical system for endoscopic stoma and pouch reduction in patients  
experiencing weight re-gain following RYGB (ROSE)  
USGI Medical, Multi-center Clinical Trial  
PI \$18,441  
To evaluate weight loss via endoscopic bypass repair.
- 2009-2010    Colonoscopy Simulator Assessment Utilizing Kinematic Data  
BWH DOM SEED Grant  
PI \$7,000  
The goal of the proposed research study was to create a new training colon model to allow  
endoscopists to practice and attain the proper kinematic motions to perform a successful  
quality colonoscopy utilizing the kinematic information obtained from our human  
colonoscopy research protocol.
- 2009-2012    Evaluation of Colonoscopy Using Kinematic Data  
CIMIT Innovation Grant, Department of Defense

PI \$69,675

The goal of the proposed research study was to improve the quality of colonoscopy performance by establishing objective benchmarks and deconstructing the procedure to develop a training simulator.

- 2009-2012     Evaluating the Role of Ghrelin in Weight Regain after Roux-en-Y Gastric Bypass: a Case-Crossover Prospective Study  
Harvard Catalyst Program Support  
PI (Study coordinator provided, Harvard Catalyst central laboratory support, no additional financial support)  
The primary aim was to evaluate the role of ghrelin in a) weight regain and b) appetite modulation after Roux-en-Y gastric bypass (RYGB) using a case-control study design.
- 2010-2012     Image-Guided System for Cancer Intervention  
NIH STTR 2 R42 CA115112-02A2  
Co-I  
The purpose of this study was to evaluate an image-guided tracking system for its potential to improve the guidance and ease of use of EUS-guided biopsies of the pancreas in human subjects.
- 2009-2013     NOTES™ Platform and procedural development  
CIMIT, Department of Defense Strategic Project Award USAMRAA W81XWH-09-2-0001  
Site PI \$700,000  
To develop and evaluate the use of magnets and other NOTES™ access and closure device platforms in advanced NOTES™ procedures.
- 2009-2013     Gastric Restriction using the new Endosurgical Operating System (POSE)  
USGI Medical  
PI \$23,155  
To evaluate a transoral, primary obesity procedure.
- 2012-2013     Development of Magnetic Anastomosis Platform (SAMSEN) for Direct Transoral Endoscopic Therapy of the Gallbladder  
CIMIT, Department of Defense Strategic Project Award USAMRAA W81XWH-09-2-0001  
Site PI \$175,000  
To develop and evaluate the use of magnets and other NOTES™ access and closure device platforms for direct transoral endoscopic therapy of the gallbladder.

**Current**

- 2012-2015 GERD-Related Symptom Assessment in Subjects with Malignant Dysphagia receiving Esophageal Stents  
Merit Medical Systems, Inc.  
PI \$4,350  
To validate a GERD-related symptom assessment questionnaire in subjects with malignant dysphagia receiving esophageal stents.
- 2012-2015 Pivotal Aspiration Therapy with Adjusted Lifestyle (PATHWAY) Study  
Aspire Bariatrics, Inc.  
PI \$38,263  
To demonstrate the safety and efficacy of the AspireAssist Aspiration Therapy System as a weight loss therapy for obese adults.
- 2012-2015 Primary Obesity Multicenter Incisionless Suturing Evaluation: The PROMISE Trial  
Apollo Endosurgery  
Overall PI, Site PI, Data Coordinating Center \$58,308  
To evaluate a transoral, primary obesity procedure.
- 2013-2016 Multicenter Endoscopic Suturing Registry  
Apollo Endosurgery  
Overall PI, Site PI, Data Coordinating Center \$52,350  
To collect data on all endoscopic suturing procedures performed with the Apollo Overstitch at participating institutions.

### Current Unfunded Projects

- 2003-2014 Outcomes research of advanced therapeutic endoscopy procedures.  
BWH 2003P-001665  
PI  
This study will evaluate the clinical adverse outcomes of advanced therapeutic endoscopy procedures.
- 2003-2014 Outcomes of Complex Endoscopic Procedures in the Post-Bariatric Surgery Patient  
BWH 2003P-001597  
PI  
This study will review the clinical outcomes of complex endoscopic procedures in patients with complications related to Roux-en-Y gastric bypass.
- 2009-2014 Evaluating the Role of Ghrelin in Weight Regain after Roux-en-Y Gastric Bypass: a Case-Crossover Prospective Study  
BWH 2009P-002455  
PI  
The primary aim is to evaluate the role of ghrelin in a) weight regain and b) appetite

modulation after Roux-en-Y gastric bypass (RYGB) using a case-control study design.

- 2011-2014 Public perception of obesity interventions: A survey of opinions regarding surgery and primary endoluminal techniques  
BWH 2010P-002574  
PI  
This study will review the results of a public survey distributed to the bariatric population regarding their opinions and stance on primary endoluminal techniques vs. surgical gold standards.
- 2012-2014 Investigating Mechanisms for Weight Regain in Gastric Bypass Patients by Metabolite Profiling  
BWH 2012P-002240  
PI  
This study will perform metabolite profiling using gastric tissue, plasma and urine in gastric bypass patients to identify mechanisms for weight regain.
- 2012-2013 A Prospective, Randomized Trial of Direct Endoscopic Necrosectomy (DEN) versus Surgical Necrosectomy (SN) for the Treatment of Walled-Off Pancreatic Necrosis (WOPN) "The DECIDE Study  
BWH 2012P-000800  
PI  
This study will assess the safety, effectiveness, healthcare utilization and patient preference of DEN and SN in patients presenting with symptomatic WOPN based on successful resolution of the necrotic collection by cross-sectional imaging and presenting symptoms.
- 2012-2014 Sample repository for bariatric patients  
BWH 2012P-002413  
PI  
This study will collect blood, urine and tissue samples from bariatric patients in a repository to use for future research studies.
- 2012-2014 Retrospective Study for Image Guided Endoscopy  
BWH 2012P-001399  
Co-I  
The primary purpose of this study is to determine the feasibility of using diagnostic radiologic examinations (such as CT or MRI data sets) for the construction of 3D models for advanced endoscopic procedure guidance.
- 2013-2014 Metabolite Profiling of Bariatric Patients with Weight Regain  
BWH 2013P-000161  
PI  
The purpose of the study is to compare the measurements of gut hormones and small molecule metabolites in the blood of bariatric patients who have undergone RYGB surgery.

## **Report of Local Teaching and Training**

## Teaching of Students in Courses

### **State University of New York Binghamton**

1991	Introduction to Biology Pre-Med and Biology Majors	4-hrs per week/per semester
1992	Zoology Lab Pre-Med and Biology Majors	4-hrs per week/per semester

### **Pennsylvania State University College of Medicine**

1997-1999	Physical Diagnosis Medical Students	3-hr session per week/per year
1999-2002	Gastroenterology Medical Student Lecture Series Residents, Medical Students	1-hr session per week/per year
2000	Case Based Learning Medical Students	4-hr session per week/per year
2001-2002	Gastroenterology Resident Lecture Series Residents, Medical Students	1-hr session per week/per year

### **Harvard Medical School**

2004	Holmes Society; Gall Stone Pancreatitis and Mesenteric Ischemia Medical Students	2-hrs per year
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### **Massachusetts Institute of Technology, Cambridge, MA**

2005	Engineering Medical Devices Course Graduate Student Engineers	2-hr session per week for one semester
2006	MIT/CIMIT 2.75 Engineering Medical Devices Graduate Students	2-hr initial lecture and 1-hr per week for semester
2007	Innovation Teams (i-Teams) 10.807/15.371 Commercialization strategies for cutting edge MIT technologies Graduate Students	1-hr initial lecture and 4-hrs per semester

## Formal Teaching of Residents, Clinical Fellows and Research Fellows (post-docs)

2003-	GI Endoscopy Conference GI Fellows, Faculty, Staff	Brigham and Women's Hospital 1-hr lecture, 3 times per year
2004-2005	GI Surgery Conference GI Fellows, Faculty, Staff	Brigham and Women's Hospital 1-hr lecture, 1 per year
2004-	GI Didactic Conference GI Fellows, Faculty, Staff	Brigham and Women's Hospital 1-hr lecture, 1 per year
2005	Surgical Morbidity and Mortality Conference Surgical residents, GI Fellows, Staff	Brigham and Women's Hospital 1-hr lecture, 1 per year
2007	Post-Anesthesia Care Unit Didactic Conference Post-Anesthesia Care Unit and Day Surgery Unit Nurses	Brigham and Women's Hospital 1-hr lecture, 1 per year
2010-	GI Adverse Events GI Fellows, Faculty	Brigham and Women's Hospital 1-hr didactic session, 10 per year

### Clinical Supervisory and Training Responsibilities

2003-	Advanced Endoscopy Fellow Clinical Preceptor/Brigham and Women's Hospital	Two days per week
2003-	Gastroenterology Fellow Clinical Preceptor/Brigham and Women's Hospital	One day per week
2003-	Gastroenterology Inpatient Consult Service Preceptor (Rotating Fellows/Residents/Medical Students)/Brigham and Women's Hospital	Two to four weeks per year

### Laboratory and Other Research Supervisory and Training Responsibilities

2003-2009	Supervised drafting of research protocols and large animal experiments. Teaching/training lab techniques and protocols to trainees at Boston Children's Hospital	Minimum of eight hours per month
2008-	Supervise drafting of research protocols and large animal experiments. Teaching/training lab techniques and protocols to trainees at Concord Biomedical Sciences and Emerging Technologies (CBSET), Lexington, MA	Eight hours per month
2008-	Supervise drafting of research protocols and	Eight hours per month

large animal experiments.  
Teaching/training lab techniques and protocols to trainees at Harvard Center for Minimally Invasive Surgery, Harvard Medical School

- 2008- Supervise grant writing and all research activities of post-doctoral fellows, students at the Developmental Endoscopy Laboratory, Thorn Research Building, Brigham and Women's Hospital Two days per week
- 2011- Supervise drafting of research protocols and large animal experiments. Teaching/training lab techniques and protocols to trainees at Pine Acres Rabbitry Farm (PARF), Norton, MA Eight hours per month

### Formally Supervised Trainees and Faculty

#### *Clinical/Research Fellows and Trainees*

- 2004-2005 Mihir Wagh, M.D./ Assistant Professor of Medicine, University of Florida College of Medicine, Gainesville, FL  
Clinical and research supervision as well as included as author or first author on 3 manuscripts, first author on the *Gastrointestinal Endoscopy* Top 10 List of most highly cited articles in 2006-2007, 1 review article in *Nature Clinical Practice Gastroenterology and Hepatology*, 1 video presented at the ASGE video forum, and 6 abstracts published/presented. Also completed the Advanced Endoscopy Fellowship at the University of Chicago and at Indiana University.
- 2004-2005 Benjamin Merrifield, M.D./ Private Practice GI, Olympia, WA  
Clinical and research supervision as well as included as author or first author on 4 manuscripts, first author on the *Gastrointestinal Endoscopy* Top 10 List of most highly cited articles in 2006-2007, 1 video presented at the ASGE video forum, and 7 abstracts published/presented.
- 2005-2006 Douglas Fishman, M.D./ Attending Physician, Texas Children's Hospital, Houston, TX/ Assistant Professor of Medicine, Baylor College of Medicine, Houston, TX  
Research supervision as well as included as author on 1 video presented at the ASGE video forum, 2 abstracts published/presented.
- 2005-2007 Derek Fong, M.D./ Private Practice, Harbor City, CA  
Clinical and Research supervision as well as included as author or first author on 7 manuscripts first author on the *Endoscopy* Top 10 List of most highly cited articles in 2007-2008, 2 videos presented at the ASGE video forum, and 9 abstracts published/presented.
- 2005-2007 Reina Pai Bender, M.D./ Private Practice, Westchester, PA  
Clinical and Research supervision as well as included as author or first author on 7 manuscripts, first author on the *Gastrointestinal Endoscopy* Top 10 List of most highly cited articles in 2006-2007, 2 videos presented at the ASGE video forum, and 9 abstracts

published/presented. Received 2009 World Organization of Digestive Endoscopy (OMED) Research Award in recognition of her paper entitled: Transcolonic endoscopic cholecystectomy: a NOTES™ survival study in a porcine model, *Gastrointestinal Endoscopy*, 2006;64 (3):428-434.

- 2005- Marvin Ryou, M.D./ Associate Physician, Brigham and Women's Hospital, Boston, MA/Instructor in Medicine, Harvard Medical School, Boston, MA  
Clinical and Research supervision. Included as first author on 13 manuscripts, 6 review articles, first author on the *Endoscopy* Top 10 List of most highly cited articles in 2007-2008, 10 videos presented at major society conferences, and 32 abstracts published/presented. Included as co-author on 3 manuscripts and 13 abstracts. Has presented his research in 12 oral presentations and 20 poster presentations at major society conferences.
- 2007 Fernanda P. Martins, M.D./ Attending Physician, Universidade Federal de São Paulo, São Paulo, Brazil  
Research supervision as well as included as author on 1 manuscript.
- 2007-2009 Sohail Shaikh, M.D./ Physician, New Jersey Advanced Gastroenterology, Woodland Park, NJ  
Research supervision as well as included as co-author on 7 manuscripts, author or co-author on 5 videos and 16 abstracts, with 1 oral and 3 posters presented at major society meetings and first author 2 review articles.
- 2007-2008 Gloria Fernandez-Esparrach, M.D./ Attending Physician, Hospital Clinic Barcelona, Spain  
Clinical and Research supervision included as author or first author on 6 manuscripts, received grant funding for Image Registration projects in Barcelona based on her research with Dr. Thompson and 12 abstracts published/presented.
- 2007-2008 Daniel K. Mullady, M.D./ Assistant Professor of Medicine, Washington University, St. Louis, MO  
Clinical and research supervision as well as included as first author on 2 manuscripts; also won 2008 ASGE Video Forum Award for best video submission by a fellow.
- 2007-2010 Ian Greenwalt, B.A./ Medical Student, Drexel University College of Medicine Philadelphia, PA  
Research supervision as well as accepted to medical school based on his research in Dr. Thompson's Lab.
- 2008 Matthias Keller/ Graduate Student, Karlsruhe Institute of Technology, Karlsruhe, Germany  
Research and device development supervision.
- 2008-2010 Padraig Cantillon-Murphy, Ph.D./ Lecturer, University College of Cork, Cork, Ireland  
Research and device development supervision as well as included as author on 1 manuscript published/presented, included on patent application and 1 patent disclosure for device development in lab.
- 2008-2010 Keith Obstein, M.D./ Assistant Professor of Medicine, Vanderbilt University, Nashville, TN  
Clinical and research supervision as well as included as first author on 3 manuscripts, 2 abstracts, 1 review article, and co-author on 1 manuscript, 8 abstracts and author or co-author on 3 videos published/presented at major society meetings. He has presented his research in 3 oral presentations at major society meetings.
- 2009-2010 Dan Azagury, M.D./ Stanford Biodesign Fellow, Stanford University Biodesign Innovation Fellowship Program, Stanford, CA.  
Research supervision as well as included as author or first author on 2 textbooks, 1, manuscript, had 5 first author and 7 co-author abstracts accepted to major society programs



- in 2010 (DDW, ASMBS, SAGES), and most recently was accepted into the BWH MIS/Bariatric Surgery Fellowship program for 2010-11.
- 2009-2011 Barham Abu Dayyeh, M.D./ Attending Physician, Mayo Clinic, Rochester MN  
Included as an author or first author on 2 book chapters, 3 manuscripts, and 26 abstracts accepted/presented at major society programs in 2010 and 2011.
- 2009-2011 Michael Flicker, M.D./ Attending Physician, Illinois Masonic Hospital, Chicago, IL  
Included as first author on 1 manuscript and 2 abstracts, presented 1 oral and 1 poster, was co-author on 1 manuscript and 1 abstract accepted/presented at major society meetings.
- 2009-2012 Inbar (Amber) Spofford, M.D./ Associate in Pediatrics, Massachusetts General Hospital, Instructor in Pediatrics, Harvard Medical School  
First author on 2 abstracts and presented 1 oral and 1 poster presentation at major society meetings. Included as a co-author on 3 manuscripts, 1 video and 5 abstracts accepted/presented at major society programs.
- 2010-2011 Rabindra Watson, M.D./ Clinical Instructor of Medicine, University of Los Angeles, Los Angeles, CA  
Included as author or first author on 2 manuscripts as well as 2 videos and 2 abstracts accepted/published/presented at major society meetings. He has also published 1 review article and had 1 oral presentation based on his research.
- 2010-2012 Pichamol Jirapinyo / Medical Resident, Yale School of Medicine, New Haven, CT.  
Included as first author on 1 manuscript and 7 abstracts, co-author on 1 manuscript, and 9 abstracts, 2 oral presentations and 2 poster presentations based on her research in this lab.
- 2010-2012 Charlotte Barker/ Clinical Research Coordinator, Dana-Farber Cancer Institute, Boston, MA.  
Research project supervision. Co-author on 1 manuscript and 2 abstracts.
- 2010- Nitin Kumar, M.D./ Advanced Endoscopy Fellow, Brigham and Women's Hospital.  
Co-author with Dr. Thompson on 3 review articles and 1 book chapter. First author on 26 abstracts, co-author on 14 abstracts, presented 8 oral presentations and 12 poster presentations at major society conferences.
- 2011-2013 Amy Ou/ Medical Student, New York University Medical School, New York, NY.  
Research project supervision. Co-author on 5 abstracts presented at major society meetings.
- 2012-2013 Ana Tuyama, MD/Associate Physician, Westmed Medical Group, White Plains, NY  
Research Supervision. First author on 2 abstracts and co-author on 3 abstracts presented at major society meetings.
- 2012- Hiroyuki Aihara, MD/ Research Fellow, Brigham and Women's Hospital, Boston, MA  
Dr. Aihara is a visiting fellow from Jikei University, Tokyo, Japan.  
Research supervision and collaboration on endoscopic mucosal resection, endoscopic submucosal dissection and full thickness resection research projects. First author on 5 abstract presented at DDW 2013, 3 of which were oral presentations. Co-author on 1 abstract presented at DDW 2013.
- 2013- Praneet Wander, MD/Research Fellow, Brigham and Women's Hospital, Boston, MA  
Dr. Wander is a visiting fellow from Sri Guru Ram Das Institute of Medical Sciences and Research, Amritsar, India.
- 2013- Vwaire Orhurhu, MD/MPH Candidate, Mayo Medical School/Harvard School of Public Health/Research Trainee, Brigham and Women's Hospital, Boston, MA
- 2013- Emmanuel Akintoye, MD/MPH Candidate, Harvard School of Public Health/Research Trainee, Brigham and Women's Hospital, Boston, MA

## ***Advanced Endoscopy Fellows***

### *Clinical preceptor for Advanced Therapeutic Endoscopy cases*

2003-2004	S. Ian Gan, MD/Assistant Professor of Medicine, Virginia Mason Medical Center, Seattle, WA
2005-2006	Richard Kwon, MD/Clinical Lecturer, Department of Internal Medicine, A. Alfred Taubman Health Care Center, University of Michigan, Ann Arbor, MI
2004-2006	Linda S. Lee, MD/Assistant Professor in Medicine, Harvard Medical School, Medical Director of Women's GI Health, Brigham and Women's Hospital, Boston, MA
2005-2006	Tony Yusuf, MD/Assistant Professor of Medicine, University of Texas Medical School at Houston, Houston, TX
2006-2007	Bhavani Moparty, MD/Faculty Physician, Baylor University Medical Center, Dallas, TX
2006-2007	Kunal Jajoo, MD/Assistant Professor of Medicine, Harvard Medical School, Associate Physician, Brigham and Women's Hospital, Boston, MA
2006-2007	Michael Piesman, MD/Staff Gastroenterologist, Instructor in Medicine, University of Texas; San Antonio School of Medicine, San Antonio, TX; Gastroenterology Service, Brooke Army Medical Center, Ft. Sam Houston, TX
2007-2008	Christopher Dimaio, MD/Director of Therapeutic Endoscopy, Mt Sinai School of Medicine; Associate Physician, Division of Gastroenterology, New York Presbyterian Hospital, New York, NY
2007-2008	Daniel Mullady, MD/Assistant Professor of Medicine, Washington University School of Medicine, Division of Gastroenterology, Interventional Endoscopy Section, St. Louis, MO
2008-2009	Field Willingham, MD/Assistant Professor of Medicine, The Emory Clinic, Emory University Hospital, Atlanta, GA
2008-2009	Patrick Yachimski, MD/Assistant Professor of Medicine, Vanderbilt University Medical Center, Nashville, TN
2009-2010	Aman Ali, MD/Assistant Professor of Clinical Internal Medicine, Southern Illinois University School of Medicine, Springfield, IL
2009-2010	Srinivas Puli, MD/Assistant Professor, Internal Medicine, University of Illinois, OSF Saint Francis Medical Center, Peoria, IL
2010-2011	Rabindra Watson, MD/Clinical Director, Interventional Endoscopy Services, David Geffen School of Medicine, Staff Physician, University of California, Los Angeles, Los Angeles, CA
2010-2011	Marvin Ryou, MD/Instructor in Medicine, Harvard Medical School, Associate Physician, Brigham and Women's Hospital, Boston, MA
2011-2012	Kevin Woods, MD/Attending Physician, Emory University Hospital, Atlanta, GA
2011-2012	Michael Larsen, MD/Attending Physician, Virginia Mason Medical Center, Seattle, WA
2011-2013	Inbar Spofford, MD/Assistant in Pediatrics, Pediatric Medical Services (MGHfC) / Pediatric Gastroenterology & Nutrition, Massachusetts General Hospital, Boston, MA
2012-2013	Jayant Talreja, MD/Attending Physician, St. Mary's Hospital, Richmond, VA
2012-2013	Allen Hwang, MD/Attending Physician, Assistant Professor in Medicine, Tufts University Medical Center, Boston, MA
2013-2014	Nitin Kumar, MD/BWH Advanced Endoscopy Fellowship, Brigham and Women's Hospital, Boston, MA

## Formal Teaching of Peers (e.g., CME and other continuing education courses)

*No presentations below were sponsored by outside entities.*

2006	Advances in Gastroenterology - Interventional Endoscopy: Exciting Frontiers Harvard Medical School	Single presentation  Boston, MA
2007, 2009	Hands-On Update On NOTES™ Technology (HUNT) Harvard Medical School	Co-Director/ Single Presentation  Boston, MA
2008	Advances in Gastroenterology - Transgastric Endoscopic Surgery Are We Ready? Harvard Medical School	Single presentation  Boston, MA
2008-2010	Advances in Gastroenterology - Stenting for Biliary and Gut Obstruction Harvard Medical School	Single presentation  Boston, MA
2009	NOTES™ – Ready for Prime Time?: Update in Minimally Invasive Gynecologic Surgery Course Harvard Medical School	Single presentation  Boston, MA
2010	Advances in Gastroenterology – Endoscopic Bariatric Surgery Harvard Medical School	Single presentation  Boston, MA
2011, 2012	Advances in Gastroenterology – Endoscopic Repair After Bariatric Surgery Harvard Medical School	Single presentation  Boston, MA
2011	Controversies in GI Motility and Functional GI Disease: A Team Based Approach Massachusetts General Hospital	Single presentation  Boston, MA
2011	Advanced Diagnostic and Therapeutic Endoscopy – Endoscopic Necrosectomy Harvard Medical School	Single presentation  Boston, MA
2013	New England Boston International Live Endoscopy Course ASGE	Co-Director - Single presentation/Live Cases Boston, MA

2014 Flexible Endoscopic Surgery Course Co-Director – Multiple presentations  
Brigham and Women’s Hospital Miami, FL

**Local Invited Presentations**

*No presentations below were sponsored by outside entities.*

2003 ERCP: Techniques and Cases/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women’s Hospital

2003 Endoscopic Ultrasound: Techniques and Cases/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women’s Hospital

2003 Cost Effective Approach to the Management of Biliary Disease/ Gastroenterology  
Research Conference  
Division of Gastroenterology, Massachusetts General Hospital

2004 Pancreatic Cystic Neoplasms/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women’s Hospital

2004 Hernias in the Post Gastric Bypass Patient/ Gastroenterology Surgery Conference  
Department of Surgery, Brigham and Women’s Hospital

2004 Peroral Endoscopic Repair of Staple-Line Dehiscence in Roux-en-Y Gastric Bypass: A  
Less Invasive Approach/ Surgical Grand Rounds  
Department of Surgery, Massachusetts General Hospital

2004- Upper Endoscopy Techniques and Unknowns/ Endoscopy Conference (once per year)  
Gastroenterology Division, Brigham and Women’s Hospital

2004- Pancreatobiliary Emergencies and the Role of Endoscopy/ Didactic Conference (once per  
year)  
Gastroenterology Division, Brigham and Women’s Hospital

2005 ERCP in the Gastric Bypass Patient/ Surgical Morbidity and Mortality Conference  
Department of Surgery, Brigham and Women’s Hospital

2005 Endoscopic Solutions to Surgical Problems/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women’s Hospital

2005 Bariatric Endoscopy, Natural Orifice Transluminal Surgery, and other Protocols/  
Gastroenterology Research Conference  
Gastroenterology Division, Brigham and Women’s Hospital

2005 A New Frontier in Gastroenterology: Expanded Application of Flexible Endoscopy/  
Medical Grand Rounds  
Department of Medicine, Brigham and Women’s Hospital

- 2005 A New Frontier in Gastroenterology: Expanded Applications of Flexible Endoscopy/  
Gastroenterology Grand Rounds  
Gastroenterology Division, Massachusetts General Hospital
- 2005 Gastrojejunal Anastomotic Dilatation and Bariatric Complications/ Gastroenterology  
Surgery Conference  
Department of Surgery, Brigham and Women's Hospital
- 2008 Research in Endoscopy: Thompson Lab/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women's Hospital
- 2008 Endoscopic Management of Obesity/ Medical Grand Rounds  
Department of Medicine, Brigham and Women's Hospital
- 2009 Esophageal Dilation/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women's Hospital
- 2009 Enteral Access/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women's Hospital
- 2009 Biliary Emergencies/Medical Resident Grand Rounds  
Department of Medicine, Brigham and Women's Hospital
- 2009- Adverse Events/ Endoscopy Conference (twice per year)  
Gastroenterology Division, Brigham and Women's Hospital
- 2010 Feeding Tubes/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women's Hospital
- 2010 Overview of ERCP: Pancreatic/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women's Hospital
- 2010 Endoscopic Therapeutic Options for Obesity/Gastroenterology Grand Rounds  
Gastroenterology Division, Massachusetts General Hospital
- 2010- Bariatric Endoscopy/ Endoscopy Conference (once per year)  
Gastroenterology Division, Brigham and Women's Hospital
- 2011, 2012 Techniques of PEG Placement/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women's Hospital
- 2012 Advanced Endoscopic Techniques in Pancreatitis/ Endoscopy Conference  
Gastroenterology Division, Brigham and Women's Hospital
- 2012 Post-bariatric complications/Issues for the gastroenterologist/Didactic Conference  
Gastroenterology Division, Brigham and Women's Hospital

2012 Endoscopic Necrosectomy/Medical and Surgical Resident Case Conference  
Department of Medicine/Department of Surgery, Brigham and Women's Hospital

## **Report of Regional, National and International Invited Teaching and Presentations**

### **Invited Presentations and Courses**

#### **Regional**

*No presentations below were sponsored by outside entities.*

- 2003 Endoscopic Ultrasonography Live/ Course Faculty  
Massachusetts General Hospital, Boston, MA
- 2003 Endoscopic Ultrasound (EUS)-Guided Ethanol Lavage of Pancreatic Cystic Neoplasms/  
Research Symposium  
New England Endoscopy Society, Waltham, MA
- 2004 Novel Endoscopic Approaches in the Complicated Post-Operative Patient/ Lecturer  
New England Endoscopy Society Research Symposium
- 2004 Weight Loss Surgery: Lessons Learned from New Animal Models/ Moderator  
Center for Integration of Medicine and Innovative Technology (CIMIT) Forum, Boston,  
MA
- 2004 Endoscopy in the Bariatric Patient: Basic and Advanced Techniques/ Invited Speaker  
CIMIT Forum, Boston, MA
- 2004 Endoscopy in the Bariatric Patient: Basic and Advanced Techniques/ Invited Speaker  
New England Society of Gastroenterology Nurses and Associates (NESGNA), Boston,  
MA
- 2004 Enteral Stents and Dilatation New England Endoscopy Society Annual Endoscopy Course/  
Invited Speaker  
Boston Medical Center/Boston University Medical School, Waltham, MA
- 2005 Endoscopy in the Bariatric Patient: Basic and Advanced Techniques/ Gastroenterology  
Grand Rounds  
New England Medical Center/Tufts Medical School, Boston, MA
- 2005 A New Frontier in Gastroenterology: Expanded Application of Flexible Endoscopy/  
Speaker  
NESGNA, Boston, MA
- 2005 Upper Endoscopy Techniques and Unknowns Annual Endoscopy Course/ Invited Speaker  
New England Endoscopy Society, Waltham, MA

- 2005 Surgery without Scars/ Plenary Session  
CIMIT Annual Briefing, Boston, MA
- 2005 Endoscopy Beyond the Lumen/ Course Faculty  
Boston International Live Endoscopy, Boston, MA
- 2005 The Role of Endosonography in Endoscopic Surgery/ Course Faculty/ Co-Director Animal  
Lab  
Endoscopic Ultrasonography Live, Boston, MA
- 2006 Surgery without Scars: Accessing Internal Organs through Natural Orifice/ Lecturer  
CIMIT Innovation Congress, Boston, MA
- 2006, 2009-2010 Live Cases Demonstrations/ Lecturer  
Boston International Live Endoscopy Course, Boston, MA
- 2006 Novel Therapies – Endoscopic Interventions/ Lecturer  
First International Workshop on Animal Models of Weight Loss Surgery, Boston, MA
- 2007 Postoperative Endoscopic Evaluation and Treatments Avoiding ‘Reoperations’/ Bariatric  
Lecturer  
Surgery Essentials: A Course for Primary Care Providers, Boston, MA
- 2007 NOTES™/ Lecturer  
Fourth Annual Symposium of Cellular, Molecular, and Clinical Research in Surgery,  
Boston, MA
- 2007 Spatial Orientation/Intraabdominal Navigation/ Faculty  
International Conference on Natural Orifice Transluminal Endoscopic Surgery  
(NOTES™) Hands-on Lab, Boston, MA
- 2007 Subepithelial Lesions: EUS Imaging vs. Resection/ Faculty Lecturer  
Endoscopic Ultrasonography Live, Boston, MA
- 2008 New Technology in GI Endoscopy/ Speaker  
Boston International Live Endoscopy Fellows Course, Boston, MA
- 2008 NOTES™/ Speaker  
CIMIT Innovation Congress 2008: Forging Partnerships in Healthcare, Boston, MA
- 2009 Endoluminal Treatment of Obesity: Pushing the Boundaries of Videoscopic Surgery/  
Speaker  
Masters in Minimally Invasive Surgery Forum, Kennebunkport, ME
- 2009 Closure Techniques and Devices/ Speaker  
4<sup>th</sup> International Conference on NOTES™, Boston, MA

- 2009 Optimal Sterile Techniques for NOTES™/ Presenter  
4<sup>th</sup> International Conference on NOTES™, Boston, MA
- 2009 Endoscopic Management of the Bariatric Patient/ Speaker  
VA Boston Healthcare System, “Update on Obesity and Nonalcoholic Fatty Liver Disease,” West Roxbury, MA
- 2009 NOTES™ Hands-on Demonstration / Lecturer  
CIMIT Innovation Congress, Boston, MA
- 2009 What’s New in Therapy of Obesity/ Speaker  
Boston International Live Endoscopy Course, Boston, MA
- 2010 Approaches to Assessing Comparative- and Cost- Effectiveness of Healthcare Technology  
– Assessing Surgical Procedures/ Presenter  
CIMIT Forum, Brigham and Women’s Hospital, Boston, MA
- 2010 Natural Orifice Surgery/ Speaker  
2010 Physician Insurers Association of America (PIAA) Underwriting Workshop, Boston, MA
- 2010 Fellows ERCP and Advanced Techniques Workshop: Advances in Endoscopy/ Lecturer  
Boston International Live Endoscopy Course, Boston, MA
- 2013 Bariatric Endoscopy/Lecturer  
GI Grand Rounds, Yale Medical Center, New Haven, CT
- 2013 Failed Bariatric Surgery: Endoscopic Bailout/Lecturer  
New England Boston International Live Endoscopy Course, Boston, MA
- 2013 Live Endoscopic Cases/Moderator  
New England Boston International Live Endoscopy Course
- 2014 The Future of Flexible Endoscopy  
100 year celebration, Medicine Grand Rounds, Boston, MA

**National**

*No presentations below were sponsored by outside entities.*

- 2000 A Case of Recurrent Emesis/ Lecturer  
University of Pennsylvania Raffensperger Symposium, Philadelphia, PA
- 2001 Abdominal Wall Syndrome: A Costly Diagnosis of Exclusion/Komarov Competition  
Lecturer  
Philadelphia, PA
- 2002 A Typical Manifestations of GERD/ Lecturer/ Medical Grand Rounds  
Shamokin Hospital, Coal Township, PA



- 2002 Abdominal Wall Syndrome: A Costly Diagnosis of Exclusion/ Lecturer  
Pennsylvania State University College of Medicine Postdoctoral Fellows and Scholars Data and Dine, Hershey, PA
- 2002 Malignant Biliary Strictures and Choledochoscopy/ Lecturer/ GI Grand Rounds  
MAYO Clinic, Rochester, MN
- 2002 Endoscopic Retrograde Colangiopancreatography (ERCP), Endoscopic Ultrasound (EUS), or Magnetic resonance cholangiopancreatography (MRCP)? The Cost-Effectiveness of Diagnostic Strategies in the Jaundice Patient with Prior Cholecystectomy/ Lecturer  
ASGE Seventh Annual Young Investigators Conference, Palm Springs, CA
- 2004 Endoscopy in the Bariatric Patient: Basic and Advanced Techniques/ Speaker  
Central Pennsylvania Gastroenterology Club, Hershey, PA
- 2004 Pancreatobiliary Emergencies and the Role of Endoscopy/ Lecturer/ GI Grand Rounds  
Pennsylvania State University/Hershey Medical Center, Hershey, PA
- 2004 Novel Endoscopic Approaches to Common Bariatric Postoperative Complications/  
Presenter  
Digestive Diseases Week, ASGE Video Forum, New Orleans, LA
- 2005 Transgastric Abdominal Exploration and Oophorectomy in a Porcine Model/ Presenter  
Digestive Diseases Week, ASGE Video Forum
- 2005 Endoscopic Suturing to Repair Pouch Defects in the Gastric Bypass Patient/ Lecturer  
FDA – IDE / 510(k) Presentation, Washington, DC
- 2005-2006 The “On-call” Call Hands-on Course/ Course Faculty/ Lecturer  
ASGE First Year Fellows Endoscopy Course, Chicago, IL
- 2005 Endoscopic Video Editing: A Hands-on Tutorial/ Lecturer  
ASGE Learning Center; Digestive Diseases Week, Chicago, IL
- 2005 Endoscopy in the Bariatric Patient: Basic and Advanced Techniques/ Speaker  
California Society of Gastroenterology Nurses and Associates (CASGNA), University of California San Francisco, San Francisco, CA
- 2005 ASGE/ SAGES Endoscopic Surgery Leadership Summit NOSCART/ Participant  
New York, NY
- 2005 New Frontiers in Endoscopy 2005/ Participant  
ASGE/ Medical University of South Carolina, Charleston, SC
- 2006 Endoscopic Anastomotic Reduction in The Bypass Patient/ Lecturer  
Minimally Invasive Surgery Symposium, Vail, CO
- 2006 Endoscopy in the Bariatric Patient/ Faculty Lecturer

Stowe Conference on Digestive Diseases, Stowe, VT

- 2006 Telemedicine and Advanced Technology Research Center (TATRC)/ Lecturer  
U.S. Army Medical Research and Material Command Product Line Review CIMIT  
Endoscopic Working Group, Fort Detrick, MD
- 2006 Summary of Work to Date and Team Leader Gastric Closure/ Course Faculty/ Lecturer  
1<sup>st</sup> International Conference on NOTES™, Scottsdale, AZ
- 2006 Gastric Closure/ Team Leader  
1<sup>st</sup> International Conference on NOTES™
- 2006 Endoluminal Therapies Panel/ Animal Models/Course Lecturer/ Faculty  
GERD Panel: Recurrent GERD after Fundoplication/ Barrett's and PDT, SAGES 2006,  
Dallas, TX
- 2006 Therapeutic Endoscopy; 20/20 Vision/ Course Faculty/ Delegate  
Frontiers of Endoscopy, Albuquerque, NM
- 2006 Novel Therapies – Endoscopic Interventions/ Lecturer  
First International Workshop on Animal Models of Weight Loss Surgery, Boston, MA
- 2006 Advances in Therapeutic Endoscopy in the New Frontier of NOTES™/ Lecturer  
Northeastern Ohio Society for Gastrointestinal Endoscopy, Cleveland, OH
- 2006 Endoscopic Treatment of Perforations, Fistulas and Mucosal Defects: Clips, Glues &  
Tissue Sealants/ Course Faculty/ Session Moderator  
AGA, Digestive Disease Week, Los Angeles, CA
- 2006 Closing Perforations and Mucosal Defects: Clips, Glues & Tissue Sealants/ Lecturer  
AGA, Digestive Diseases Week
- 2006 Endoscopic Treatment of Post-operative Complications in the Bypass Patient/ Lecturer  
ASGE, Digestive Diseases Week, Los Angeles, CA
- 2006 Hands-on Session – Closing Perforations and Mucosal Defects: Clips, Glues & Tissue  
Sealants/ Faculty  
ASGE, Digestive Diseases Week
- 2006 Current State & Challenges of Natural Orifice Surgery/ Moderator  
Power Medical NOTES™ Symposium, Scottsdale, AZ
- 2006 Bariatrics: What the Endoscopist Can Do Next/ Faculty Lecturer  
University of Utah/ Brigham and Women's Hospital, Therapeutic Endoscopy Course Utah  
Endoscopy Conference, Park City, UT
- 2006 Ampullary Tumors: Which for Endoscopic Therapy?/ Faculty Lecturer  
University of Utah/ Brigham and Women's Hospital, Therapeutic Endoscopy Course Utah

## Endoscopy Conference

- 2006 What's New in Endoscopy: New Frontiers/ Faculty Lecturer  
University of Utah/ Brigham and Women's Hospital, Therapeutic Endoscopy Course Utah  
Endoscopy Conference
- 2007 Therapeutic Endoscopy Course; Mucosal Resection, EMR/Olympus (narrow band)  
Fistulas Are There to be Closed/ Course Faculty/ Lecturer  
University of Utah/ Brigham and Women's Hospital, Therapeutic Endoscopy Course Utah  
Endoscopy Conference
- 2007 Recognition and Endoscopic Treatment of Complications Following Laparoscopic/  
(Bariatric, GERD) Surgery/ Lecturer / Session Moderator  
The ASGE Annual Post-Graduate Course, Washington, DC
- 2007 NOTES™/ Lecturer  
The ASGE Annual Post-Graduate Course
- 2007 Recognition and Endoscopic Treatment of Complications Following Laparoscopic  
(Bariatric, GERD) Surgery/ Lecturer/ Session Moderator  
The ASGE Annual Post-Graduate Course
- 2007 NOTES™/ Visiting Professor/ GI Grand Rounds  
Hospital St. Raphael, New Haven, CT
- 2007 Endoscopy and the Bariatric Patient/ Visiting Professor/ GI Grand Rounds  
Rhode Island Hospital, Providence, RI
- 2007 Endoscopic Treatment of Perforations, Fistulas, and Mucosal Defects/ Lecturer/ Session  
Moderator  
AGA, Digestive Diseases Week, Washington, DC
- 2007 What Are the Critical Tools to Make NOTES™ a Reality? Endoscopic Management of  
postoperative Leaks and Fistulae/ Lecturer/ Session Moderator  
AGA, Digestive Diseases Week
- 2007 NOTES™/ Visiting Professor/ GI Grand Rounds  
Columbia University, New York, NY
- 2007 NOTES™/ Visiting Professor/ GI Grand Rounds  
Weill Medical College of Cornell University, New York, NY
- 2007 NOTES™: Work to Date and Future Directions/ Lecturer  
New York Society for GI Endoscopy, New Technologies Seminar, New York, NY
- 2007 Endoscopy and the Bariatric Patient/ Lecturer/ GI Grand Rounds  
Mount Sinai School of Medicine, New York, NY

- 2007 NOTES™/ Course Faculty/ Lecturer  
MAYO Clinic 5<sup>th</sup> Annual GI Course, Scottsdale, AZ
- 2007 No Problem, A Big Hole, I'll Fix It/ Lecturer  
The Walter Reed Gastroenterology Symposium, Tyson's Corner, VA
- 2007 Spatial Orientation/Intraabdominal Navigation NOTES™ Hands-on Lab/ Faculty  
2<sup>nd</sup> International Conference on NOTES™, Boston, MA
- 2007 GPS guidance real time CT imaging in EUS/ Lecturer  
New York Society for GI Endoscopy, Advanced Imaging, New York, NY
- 2007 Endoluminal Surgery: Recent Advances/ Faculty/ Lecturer  
Minimally Invasive Surgery Program, Legacy Health System, 5<sup>th</sup> Annual Post-Graduate Course in Advanced Laparoscopy, Surgical Endoscopy and NOTES, Portland, OR
- 2007 Flexible Endoscopy in the Management of Upper GI Disease: Stenting, Ablation and Resection/ Faculty/ Lecturer  
Minimally Invasive Surgery Program, Legacy Health System, 5<sup>th</sup> Annual Post-Graduate Course in Advanced Laparoscopy, Surgical Endoscopy and NOTES
- 2007 Barrett's Esophagus: Management Algorithm/ Panelist  
Minimally Invasive Surgery Program, Legacy Health System, 5<sup>th</sup> Annual Post-Graduate Course in Advanced Laparoscopy, Surgical Endoscopy and NOTES
- 2007 Endoscopic versus Laparoscopic Management Common Duct Stones/ Panelist  
Minimally Invasive Surgery Program, Legacy Health System, 5<sup>th</sup> Annual Post-Graduate Course in Advanced Laparoscopy, Surgical Endoscopy and NOTES
- 2007 NOTES™: The New Frontier/ Faculty/ Lecturer  
Gastroenterology Update 2007, Nashville, TN
- 2007 Advanced Endoscopy Hands-On Course NOTES™ Session Moderator/ Faculty  
Boston International Live Endoscopy Course, Boston, MA
- 2007 Platform Development/ Faculty Lecturer  
Ohio State University Center for Minimally Invasive Surgery International NOTES™ Symposium, Columbus, OH
- 2007 Pouch Reductions/ Faculty Lecturer  
University of California, San Diego Hands-On NOTES™ Course, La Jolla, CA
- 2007 NOTES™ Devices: Closure, Suturing, Anastomosis and Stapling/ Faculty Lecturer  
New York-Presbyterian Hospital First Annual International NOTES™ Course, New York, NY
- 2007 How Can the Gastroenterologist Contribute to NOTES™ Activities?/ Faculty Lecturer  
Endoscopy Masters Forum, Orlando, FL

- 2008 Endoscopy and Bariatric Surgery Patient/ Faculty Lecturer  
ACG Board of Governors/ASGE Best Practices Course, Indian Wells, CA
- 2008 Review of Current Multitasking Platforms/ Lecturer  
Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Annual Meeting  
2008, Philadelphia, PA
- 2008 Reaching the Summit of Endoluminal and Transluminal Surgery/ Lecturer  
Case Western Reserve CME Course, Park City, UT
- 2008 Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR) Joint  
Committee Meeting/ Lecturer  
Miami, FL
- 2008 Sleeve Gastrectomy Endoscopic Techniques & New Bariatric Procedures'/ Lecturer  
Mount Sinai's School of Medicine, Critical Update in Bariatric Surgery, New York, NY
- 2008 The Role of Endoscopy after Bariatric Surgery/ Lecturer  
University of Utah/ Brigham and Women's Hospital, Therapeutic Endoscopy Course Utah  
Endoscopy Conference, Park City, UT
- 2008 NOTES™/ Guest Speaker  
4<sup>th</sup> Annual NYU Seminars in Gastroenterology, New York, NY
- 2008 Endoscopy for the Obese Patient: Post-Surgical Procedures of Primary Treatment/ Guest  
Speaker  
Wake Forest University School of Medicine, Winston-Salem, NC
- 2008 Inside the OR – Balancing the Risks and Benefits of New Surgical Procedures/ Moderator  
Cleveland Clinic Ethical Challenges in Surgical Innovation, Cleveland, OH
- 2008 Innovations in Endoscopy & Minimally Invasive Surgery Hands-on Lab/Lecturer  
Southwestern Medical Center, Dallas, TX
- 2008 Reoperative Bariatric Surgery, When to and not to/ Lecture  
ACG Annual Scientific Meeting, Orlando, FL
- 2008 Endoscopic Management of Obesity/ACG/AJG Blackwell Honorary Lecturer  
ACG Annual Scientific Meeting, Orlando, FL
- 2008 NOTES™ and the Gastroenterologist/ Visiting Professor  
University of Michigan Medical School, Detroit, MI
- 2008 4<sup>th</sup> Annual New York Seminars In Gastroenterology/ Participant  
New York University School of Medicine, New York, NY
- 2008 MAYO Clinic Endoscopy Live/ Participant  
Mayo Clinic, Orlando, FL

- 2008 Extreme Endoscopy...the Future of Bariatric Surgery/ Lecturer  
Digestive Diseases Week, San Diego, CA
- 2008 Clinical Symposium – ‘Bariatric Surgery and Its Complications: The Role of the Endoscopist/ Presenter  
Digestive Diseases Week
- 2008 Topic Forum – New Technology/ Presenter  
Digestive Diseases Week
- 2008 Interactive Education – Endoluminal Tissue Approximation and perforation Closure/  
Presenter  
Digestive Diseases Week
- 2008 NOTES™: An Update: NOTES™ Technology Development Update: Hot Off the Press/  
Presenter  
Digestive Diseases Week
- 2008 A Brief Review/ Presenter  
Society of Gastroenterology Nurses and Associates (SGNA) & YOU: The Power to Make a Difference – NOTES™, Salt Lake City, UT
- 2008 Endoscopic Repair of Leaks & Gastro-Gastric Fistulae/ Lecturer  
American Society of Metabolic and Bariatric Surgery (ASMBS)/Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) 25<sup>th</sup> Annual Meeting, Washington, DC
- 2008 NOTES™ & Competing Technologies – The Future of MIS/ Moderator  
Masters in MIS Forum – Pushing the Boundaries of Videoscopic Surgery, Sonoma Valley, CA
- 2008 NOSCART – San Francisco/ Speaker  
3<sup>rd</sup> International Conference on NOTES™, San Francisco, CA
- 2008 “The Brigham and Women’s Experience: Transgastric & Transcolonic Access, Animal Studies, and Outcomes”  
Innovations in Endoscopy & Minimally Invasive Surgery, The University of Texas Southwestern Medical Center , Dallas, TX
- 2008 From Laparoscopic to Natural Orifice Transluminal Endoscopic Surgery/ Keynote Lecturer  
1<sup>st</sup> World Congress on Interventional Therapies for Type II Diabetes, Novel Gastrointestinal Interventional Therapies, New York, NY
- 2008 Endoscopic Treatment of Weight Regain after RYGB/ Course Director  
ASGE Advanced Endoscopy Hands on Bariatric Course, Oak Brook, IL

- 2008 Computer Guided Endoscopes, Platform Devices, Remote Manipulation/ Speaker  
ASGE Masters Series Course: Insight Into NOTES™, A Hands-On Course for Human Application, Phoenix, AZ
- 2008 Hands-On Workshop – Cryo Ablation/ Speaker  
Mayo Clinic Endoscopy Live, Orlando, FL
- 2008 NOTES™/ Speaker  
Mayo Clinic Endoscopy Live
- 2008 Key Devices and Platforms/ Faculty  
New York Presbyterian Hospital Second Annual International NOTES™ Course, New York, NY
- 2008 Endoscopic Treatment of Post-Bypass Complications and Perforations and Tears/ Speaker  
New York Society for Gastrointestinal Endoscopy: The 32<sup>nd</sup> Annual New York Course – Gastrointestinal Endoscopy: Breaking New Ground, New York, NY
- 2008 Diagnostic and Therapeutic Endoscopy: Endoscopic Stent for Leaks & Gastro-Gastric Fistulae/ Lecturer  
ASMBS, Flexible Endoscopy and Emerging Technologies, San Francisco, CA
- 2008 Diagnostic and Therapeutic Endoscopy: Endoscopic Hemostatic Techniques, (Clips, Thermal Energy, and Injection Therapy)/ Lecturer  
ASMBS, Flexible Endoscopy and Emerging Technologies
- 2008 Emerging Surgical Techniques and Bariatric Technologies: Endoscopic Gastric Restrictive Procedures (Gastroplasty, Intra-gastric Balloon, etc.)/ Lecturer  
ASMBS, Flexible Endoscopy and Emerging Technologies
- 2009 What's New in Endoscopic Technology/ Speaker  
ACG Regional Postgraduate Course, New York, NY
- 2009 Special State-of-the-Art Lecture: NOTES™ – Practical Applications/ Speaker  
ACG Regional Postgraduate Course
- 2009 NOTES™: Where Are We, Where Are We Going?/ Speaker  
Mayo Clinic 2009 Gastroenterology and Hepatology, Maui, HI
- 2009 The Future of Endoscopy: Resolution and Esophageal Wallflex/ Speaker  
Boston Scientific Physician Lecture Workshop, Albany, New York, NY
- 2009 International Conference of Cellvizio Users/ Speaker  
Mauna Kea Technologies, Miami, FL
- 2009 Endoluminal/NOTES™ Hands-On Course: Endoscopic Revision for Failed Gastric Bypass/ Lab Instructor  
SAGES Scientific Session & Postgraduate Course, NOTES™ Hands-On Course, Phoenix,

AZ

- 2009 Endoluminal Tissue Approximation and Perforation Closure/ Faculty  
Digestive Diseases Week, ASGE Postgraduate Course, Chicago, IL
- 2009 Obesity Meets Endoscopy/ Faculty  
Digestive Diseases Week, ASGE Postgraduate Course
- 2009 Obesity Meets Endoscopy/ Keynote Lecturer  
Digestive Diseases Week, ASGE Postgraduate Course
- 2009 Managing the Post-Bariatric Surgery Patient – Recognizing Complications and Improving Outcomes – Lunch Breakout Session/ Faculty  
Digestive Diseases Week, AGA Spring Postgraduate Course , Chicago, IL
- 2009 Clinical Challenge Sessions: Managing the Post-Bariatric Surgery Patient-Recognizing Complication and Improving Outcomes/ Faculty  
Digestive Diseases Week, AGA Spring Postgraduate Course L
- 2009 Endoscopic Management of Complications of Bariatric Surgery/ Lecturer  
Digestive Diseases Week, Chicago, IL
- 2009 NOTES™ Update/ Lecturer  
Digestive Diseases Week
- 2009 Advances in Endoluminal Surgery/ Invited Lecturer  
Cleveland Clinic – Innovations in Surgery, Cleveland, OH
- 2009 Endoscopic Hemostatic Techniques (clips, thermal, energy, and injection therapy)/  
Speaker  
ASMBS, Grapevine, TX
- 2009 Endoluminal Bariatric Procedures (Gastroplasty, Balloons, Duodenal Sleeve.....)/ Speaker  
ASMBS/SAGES Postgraduate Course: Single-Incision Laparoscopic Surgery, Flexible Endoscopy and Emerging Endoluminal Procedures Course, Grapevine, TX
- 2009 Endoscopy in the Post-Surgical Stomach/ Speaker  
ACG 2009 Regional Postgraduate Course, Williamsburg, VA
- 2009 Advanced Surgical Endoscopy current and Future Developments/ Speaker  
ACG 7<sup>th</sup> Annual Postgraduate – Surgical Endoscopy, Advanced Laparoscopy and NOTES™ Course, Portland, OR
- 2009 Managing the Post-Bariatric Patient/ Speaker  
ACG Annual Scientific Meeting and Postgraduate Course, The Role of the Gastroenterologist and the Hepatologist, San Diego, CA
- 2009 Endoscopic Management of Surgical Complications/ Speaker



- Advances in Flexible Endoscopy Course, University of Miami Miller School of Medicine  
Miami, FL
- 2009 Inanimate Hands-On Session: Stents and Clips/ Interactive lecture with demonstration  
Advances in Flexible Endoscopy Course, University of Miami Miller School of Medicine
- 2009 Animate Hands-On session / Advanced Endoscopic Techniques / Interactive lecture with  
demonstration  
Advances in Flexible Endoscopy Course, University of Miami Miller School of Medicine
- 2010 Bariatrics for the Endoscopist/ Keynote Lecturer  
Long Island Live Endoscopy Course, Winthrop-University Hospital, Mineola, NY
- 2010 Live Endoscopy Sessions/ Moderator  
Long Island Live Endoscopy Course, Winthrop-University Hospital
- 2010 Natural Orifice and Endoluminal Therapies – What’s Realistic?/ Presenter  
AGA Institute Conference – Fostering Innovation and Technology in Digestive Diseases:  
A Conference for Inventors, Investigators and Investors, Palo Alto, CA
- 2010 Endolumenal Pouch and Anastomosis Reduction: An Analysis/ Lecturer, Co-Director  
Hands-on Course  
12<sup>th</sup> World Congress of Endoscopic Surgery, National Harbor, MD
- 2010 Hands on Endolumenal/NOTES™ Lab/ Co-Chair  
12<sup>th</sup> World Congress of Endoscopic Surgery
- 2010 Multidisciplinary/Endolumenal Management of the Bariatric Patient/Lecturer  
Digestive Diseases Week, SSAT 2010 Postgraduate Course, Session III, New Orleans, LA
- 2010 Obesity: Problems and Treatments Around GI Issues/Moderator  
Digestive Diseases Week, Press Conference
- 2010 Obesity and Bariatrics for the Endoscopist: New Techniques/Lecturer  
Digestive Diseases Week, AGA Presidential Plenary Session
- 2010 What Should GI Do Now to Prepare for Endolumenal Technologies in Obesity and  
GERD?/ Lecturer  
Digestive Diseases Week, AGA Technology Innovation – Implication for  
Gastroenterologists Session
- 2010 Endoscopic Bariatric Procedures  
Digestive Diseases Week, Meet-The-Professor Luncheon
- 2010 NOTES™: What’s the Score/ Moderator  
Digestive Diseases Week, ASGE Topic Forum Session
- 2010 Radical Endoscopy/ Lecturer

Medical University of South Carolina (MUSC) Health Digestive Disease Center 15<sup>th</sup>  
Annual Advanced Endoscopy Update, Isle of Palms, SC

- 2010 Endoscopy 2020 – Round table/ Moderator  
MUSC Health Digestive Disease Center 15<sup>th</sup> Annual Advanced Endoscopy Update
- 2010 Obesity and Bariatrics for the Endoscopist: New Techniques/ Lecturer/ Grand Rounds  
Mt. Sinai Medical Center, New York, NY
- 2010 Endoscopic Hemostatic Techniques/ Lecturer  
American Society of Bariatric and Metabolic Surgery (ASMBS) Conference, Las Vegas,  
NV
- 2010 Diagnostic and Therapeutic Endoscopy and NOTES™ Session Hands-on/ Course  
Moderator  
ASMBS Conference
- 2010 ASMBS/SAGES Single-Incision Laparoscopic Surgery, Flexible Endoscopy and  
Emerging Endoluminal Procedures (Didactic) – Endoscopic Hemostatic Techniques  
ASMBS Conference
- 2010 Endocinch, Endoluminal Restrictive Procedures/ Presenter  
International Federation for the Surgery of Obesity and Metabolic Disorders 2010, Long  
Beach, CA
- 2010 DDES, Devices in Development/ Presenter  
International Federation for the Surgery of Obesity and Metabolic Disorders 2010
- 2010 Devices in Development: ValenTx, Endoluminal Malabsorptive / Space-Occupying  
Procedures/ Presenter  
International Federation for the Surgery of Obesity and Metabolic Disorders 2010
- 2011 Biliary Tract Endoscopy in the Gastric Bypass Patient/ Presenter  
10<sup>th</sup> Annual Surgery of the Foregut Symposium, Coral Gables, FL
- 2011 Closure of Gastro-Gastric Fistula/ Presenter  
10<sup>th</sup> Annual Surgery of the Foregut Symposium
- 2011 Suturing the Gastrojejunal Anastomosis for Weight Regain and Dumping Syndrome  
10<sup>th</sup> Annual Surgery of the Foregut Symposium
- 2011 Session: NOTES, Robots, and SILS/ Moderator  
10<sup>th</sup> Annual Surgery of the Foregut Symposium
- 2011 Endoscopy for Surgeons Postgraduate Course – “Update of Experimental Endoscopic  
Techniques for Diagnosis and Treatment – What’s the Future?”/ Speaker  
SAGES Annual Meeting, San Antonio, TX

- 2011 Endoscopy for Surgeons Postgraduate Course – Hands on Course/ Presenter  
SAGES Annual Meeting
- 2011 NOTES for Appetite/Presenter  
Brain vs. Gut: Can Appetite be Restrained?, New York Academy of Sciences, New York, NY
- 2011 Obesity: Can it be Managed Endoscopically?/ Speaker  
AGA Spring Postgraduate Course, Digestive Disease Week 2011, Chicago, IL
- 2011 State-of-the-Art Lecture: Role of Endoscopy in Pediatric Bariatric Patients/ Speaker  
Digestive Disease Week
- 2011 Bariatric Surgery for the Gastroenterologist and GI Complications Following Bariatric Surgery/ Speaker  
AGA Spring Postgraduate Course, Digestive Disease Week
- 2011 Endoscopic Tools for the Bariatric Patient/ Speaker  
ASGE Hands-On Workshop, Digestive Disease Week
- 2011 Endoscopic Bariatrics Coming Down the Pipe/ Speaker  
DDW Meet-the-Professor Luncheon, Digestive Disease Week
- 2011 Endoscopic Therapy for Bariatric Surgery Complications/ Speaker  
ASGE Clinical Symposium, Digestive Disease Week
- 2011 Emerging Endoluminal Bariatric Procedures: Gastroplasty, Balloons, Duodenal Sleeves, etc./ Speaker  
ASMBS 28<sup>th</sup> Annual Meeting, Kissimmee, FL
- 2011 Debate: Why are we doing NOTES? Killer App or Not?/ Moderator  
6<sup>th</sup> International Conference on NOTES, Chicago, IL
- 2011 Workshop Summaries/ Moderator  
6<sup>th</sup> International Conference on NOTES
- 2011 Endoscopy in the Bariatric Patient and New Endoscopic Treatments for Obesity/Speaker  
Pennsylvania Society of Gastroenterology Annual Meeting, Bedford Springs, PA
- 2011 Endoscopy 2015 and Beyond; What the Future Looks Like/ Speaker  
Pennsylvania Society of Gastroenterology Annual Meeting
- 2012 Bariatric Endoscopy: Emerging Role for the Endoscopist/ Lecturer  
9<sup>th</sup> Annual Rocky Mountain Interventional Endoscopy Course, Denver, CO
- 2012 Hands-On Workshop/ Participant  
9<sup>th</sup> Annual Rocky Mountain Interventional Endoscopy Course

- 2012 SAGES Oasis/Meet the Experts/ Participant  
SAGES Annual Meeting, San Diego, CA
- 2012 SAGES/CAGS Therapeutic Endoscopy Panel/ Speaker  
SAGES Annual Meeting
- 2012 Endoscopic Management of Bariatric Surgical Complications/ Lecturer  
The First Annual Peter D. Stevens Interventional Innovations in Digestive Care, New York, NY
- 2012 Fistulas After Bariatric Surgery/ Lecturer  
ASGE Clinical Symposium, Digestive Disease Week, San Diego, CA
- 2012 Xtreme Endoscopic Toolbox: New and Cutting Edge Therapies/ Participant  
ASGE Hands-On Workshop, Digestive Disease Week
- 2012 Role of the Gastroenterologist/Endoscopist in Post-Bariatric Surgery Management/  
Lecturer  
Combined Clinical Symposium, Digestive Disease Week
- 2012 GI Management of the Bariatric Patient/ Lecturer  
DDW 2012 Meet-the Professor Luncheon, Digestive Disease Week
- 2012 Role of Endoscopy in Bariatric Surgery Complications/ Moderator  
ASGE Clinical Symposium, Digestive Disease Week
- 2012 Endoscopy in the Evaluation and Treatment of Complications Following Bariatric Surgery/  
Lecturer  
ASGE Clinical Symposium, Digestive Disease Week
- 2012 What are the promising technologies in the GI market and what's needed to help them  
proceed?/ Lecturer  
Committee Sponsored Symposium, Digestive Disease Week
- 2012 Advanced Flexible Endoscopic Therapies/Moderator  
7<sup>th</sup> International Summit on NOTES, Chicago, IL
- 2012 What's Today and What's Tomorrow?/Moderator  
7<sup>th</sup> International Summit on NOTES
- 2012 Out of the OR and Into the Endoscopy Suite/Lecturer  
American College of Gastroenterology Annual Scientific Meeting, Las Vegas, NV
- 2012 Obesity and the Endoscopist/Lecturer  
36<sup>th</sup> Annual New York Society for Gastrointestinal Endoscopy (NYSGE) Course, New York, NY
- 2013 Simulation/Lecturer

American Society for Gastrointestinal Endoscopy (ASGE) GI Training Directors' Workshop, Phoenix, AZ

- 2013 Staying in Academia/Lecturer  
American Gastroenterological Association (AGA) Institute's 4<sup>th</sup> Annual Technology Summit, Palo Alto, CA
- 2013 Hands-on Workshop: Xtreme Endoscopic Toolbox: New Tools, Changing Paradigms/Faculty  
ASGE Hands-On Workshop, Digestive Disease Week, Orlando, FL
- 2013 Bariatric Surgery: View from the Scope/Lecturer  
Digestive Disease Week
- 2013 Fistulas and Other Complications After Bariatric Surgery/Lecturer  
Digestive Disease Week
- 2013 A Practical Approach to Current Endoscopic and Surgical Options/Lecturer  
American Diabetes Association's Scientific Sessions, Chicago, IL
- 2013 Hands-on Endoscopy Lab/Faculty  
Complications and Revisions Course, Celebrations, FL
- 2013 Non-healing ulcers: Endoscopic management/Lecturer  
Complications and Revisions Course
- 2013 Gastro-gastric Fistulas: Endoscopic management/Lecturer  
Complications and Revisions Course
- 2013 Stomal Dilation: Endoscopic management/Lecturer  
Complications and Revisions Course
- 2013 Debate: Does stoma size matter? Bypass to Duodenal Switch: Reasonable or Crazy? Band over Bypass: Pros and Cons?/Faculty  
Complications and Revisions Course
- 2013 New tools for advanced interventional endoscopy  
Complications and Revisions Course
- 2013 Endoscopic Management of Pancreatic Disease: Leaks, Stones & Fluid Collections/Lecturer  
Advanced ERCP/EUS Fellows Course, Bethlehem, PA
- 2013 Advanced ERCP/EUS Hands-on Lab/Faculty  
Advanced ERCP/EUS Fellows Course
- 2013 Endoscopic Revision for Failures/Lecturer  
Obesity Week, Atlanta, GA

- 2013 Flexible Endoscopic Surgery/Lecturer  
Visiting Professor, Mayo Clinic, Rochester, MN
- 2014 Bariatric Endoscopy/Lecturer  
Endoscopy Conference, Mt. Sinai Hospital, New York, NY
- 2014 Flexible Endoscopic Surgery/Lecturer  
Halverson Lecture in Surgery, SUNY Upstate Medical University, Syracuse, NY
- 2014 The Evolving Role of the Endoscopist in Bariatrics From managing surgical complications to becoming the surgeon: Is Endoscopic Sleeve Gastroplasty the next big thing?/Lecturer  
Long Island Live Endoscopy Course, Long Island, NY
- 2014 POEM and ESD/Hands-on Course Faculty  
Long Island Live Endoscopy Course
- 2014 Flexible Endoscopic Surgery/Lecturer  
Endoscopy Conference, Cleveland Clinic, Miami, FL
- 2014 Endoscopic Suturing - Revisions/Lecturer and Moderator  
Flexible Endoscopic Surgery Course, Miami, FL
- 2014 Therapeutic EUS/Lecturer and Moderator  
Flexible Endoscopic Surgery Course

**International**

*No presentations below were sponsored by outside entities.*

- 2005 Novel Peroral Endoscopic Approaches to Weight Regain in the Gastric Bypass Patient/  
Participant  
10<sup>th</sup> World Congress of the International Federation for the Surgery of Obesity, Maastricht,  
Netherlands
- 2006 Endoscopic Closure of Fistulas and Transluminal Surgery (NOTES™) Live Cases  
(suturing in the GI tract)/ Course Faculty/ Lecturer  
Belgium Society of Gastrointestinal Endoscopy (BSGIE), Brussels, Belgium
- 2007 Multitasking Platforms and Transcolonic Access/ Lecturer  
IRCAD Institute/EITS 1<sup>st</sup> International NOTES™ Hands-On Course NOTES™,  
Strasbourg, France
- 2007 US NOTES™ Experience and NOTES™ Techniques/ Lecturer  
NOTES™ Experts Forum, Wiesbaden, Germany
- 2007 NOTES™: The Future of Gastroenterology? Joint Meeting of the Sociedad Espanola de  
Patologia Digestiva (SEPD) and the AGA Institute/ Faculty Lecturer  
Best of the AGA Institute Semana de las Enfermedades Digestivas, Madrid, Spain

- 2007 Multitasking Platforms and Transcolonic Access IRCAD Institute/EITS/ Expert Lecturer  
2<sup>nd</sup> International NOTES™ Workshop, Hands-On Course NOTES™, Milan, Italy
- 2008 New Devices for Transcolonic Transluminal Surgery/ Lecturer  
1<sup>st</sup> Intraluminal and Transluminal Natural Orifice Endoscopy Surgery Workshop, Milan, Italy
- 2008 10<sup>th</sup> Bill Owen Oesphago-Gastric Symposium/ International Guest Speaker  
Royal College of Surgeons of England, London, England
- 2008 Johns Hopkins Gastroenterology Viva la Vida Conference/ Lecturer  
San Juan, Puerto Rico
- 2008 Platforms – Endoscopes and Overtubes/ Guest Faculty  
Imperial College COVIDIEN, Frontiers in N.O.T.E.S., Elancourt, Paris, France
- 2008 New Technology for NOTES™ and Endoscopic Techniques in the Bariatric Patient/  
Faculty Member  
Quo Vadis NOTES™ – Spanish Endoscopy Society Foundation, Sitges, Spain
- 2008 New Endoscopic Instrument in Sight/ Speaker  
16<sup>th</sup> Congress of the EAES Conference, Stockholm, Sweden
- 2008 Keynote Lecture on NOTES™ and New Developments and Experience with Transcolonic  
Access/ Lecturer  
Germany Live-NOTES™ 2008, Hamburg, Germany
- 2008 The New Devices for Endoscopic Hemostasis of Digestive Bleeding and NOTES™ State  
of Art and What is Necessary to NOTES™ Teach Daily Practice/ Guest Faculty  
XVII International Course on Therapeutic Endoscopy of Sao Paulo University Medical  
School, São Paulo, Brazil
- 2008 Where does NOTES™ go? – What is the future?/ Speaker  
DGVS – NOTES™, Berlin, Germany
- 2008 What is the future of NOTES™ / Speaker  
IRCAD – NOTES™, Strasbourg, France
- 2008 From Lab to Operating Room/ Faculty and Speaker  
International Conference: Advances in Surgery Discussions from the Cutting Edge,  
Barcelona, Spain
- 2009 Transcolonic Surgery and Infectious Issues for NOTES™/ International Faculty  
2<sup>nd</sup> International Workshop on Natural Orifice Surgery, Milan, Italy
- 2009 Endoscopic Treatment of Complications in the Bariatric Patient (ulcers, fistula, leaks,  
ERCP techniques, and Weight Regain)/ Videoconference/ Presenter

- 3<sup>rd</sup> International Course Digestive Endoscopy Evidence-Based Therapeutics, Bogota, Colombia
- 2009 Endoscopic Treatment of Obesity: Myth of Reality/ Videoconference/ Presenter  
3<sup>rd</sup> International Course Digestive Endoscopy Evidence-Based Therapeutics
- 2009 The New Techniques and New Accessories for the Endoscopic Hemostasis of Gastrointestinal (Digestive) Bleeding/ Videoconference/ Presenter  
3<sup>rd</sup> International Course Digestive Endoscopy Evidence-Based Therapeutics
- 2009 NOTES™ – Technology Update and Future Directions/ Videoconference  
3<sup>rd</sup> International Course Digestive Endoscopy Evidence-Based Therapeutics
- 2010 Esophageal Stents “Whiteboard Session – Unmet Clinical & Technological Needs/ Presenter  
Boston Scientific Endoscopy Stent Summit, Galway, Ireland
- 2010 Obesity and Metabolic Session: “Other Endolumina Options”/Presenter  
2<sup>nd</sup> International Conference Advances in Surgery – Discussions from the cutting edge, Barcelona, Spain
- 2010 NOTES Session: “Closing Leaks and Holes With the Endoscope”/Presenter  
2<sup>nd</sup> International Conference Advances in Surgery – Discussions from the cutting edge
- 2011 Obesity and the Endoscopist – Endoscopic Therapy, and Handling Post-Gastric Bypass Complications/Presenter  
Canadian Digestive Disease Week, CAG/CASL Postgraduate Course, Vancouver, Canada
- 2011 State-of-the-Art Lecture: Bariatric Endoscopy/ Presenter  
British Society of Gastroenterology Annual Meeting 2011, Birmingham, England
- 2011 Endoscopic Therapy for Weight Regain after Gastric Bypass/ Presenter  
1<sup>st</sup> International Symposium on Non-Invasive Bariatric Techniques, Lyon, France
- 2011 The TRIM Procedure for Obesity/ Presenter  
1<sup>st</sup> International Symposium on Non-Invasive Bariatric Techniques
- 2011 Endoluminal Bariatrics by DDES/ Presenter  
1<sup>st</sup> International Symposium on Non-Invasive Bariatric Techniques
- 2011 Endoscopic Management of Complications/ Lecturer  
24<sup>th</sup> International Course on Therapeutic Endoscopy, Toronto, Ontario, Canada
- 2011 How I Manage Pancreatic Necrosis/ Lecturer  
24<sup>th</sup> International Course on Therapeutic Endoscopy
- 2011 Bariatric Endoscopy: Roundtable – Role of Endoscopy in Primary Treatment of Obesity and T2DM/ Moderator



- 13th National Meeting of Bariatric Surgery and 3rd Pan-American Congress on Diabetes Surgery, Gramado, Brazil
- 2011 Endoscopy in Regained Weight After Gastric Bypass/ Presenter  
13th National Meeting of Bariatric Surgery and 3rd Pan-American Congress on Diabetes Surgery
- 2011 Managing Pancreatic Necrosis: Whom Does it Belong To? (Endoscopic Perspective)/ Moderator  
52<sup>nd</sup> Annual Conference of the Indian Society of Gastroenterology, Coimbatore, India
- 2011 Endoscopy in Bariatrics/ Lecturer  
52<sup>nd</sup> Annual Conference of the Indian Society of Gastroenterology
- 2012 Can Obesity be Treated Using an Endoscope?/ Lecturer  
The Future of Obesity Treatment International Symposium, Royal College of Physicians, London, England
- 2012 Obesity is the Question, What Will be the Answer?/ Moderator  
The Future of Obesity Treatment International Symposium, Royal College of Physicians
- 2012 "Breakout Sessions: What's new In Bariatric Endoscopy?"/ Lecturer  
Yale vs. Harvard Cases & Controversies in Endoscopy, Hamilton, Bermuda
- 2012 Endoscopic Video Unknowns from Harvard University/ Moderator  
Yale vs. Harvard Cases & Controversies in Endoscopy
- 2012 Endoscopic Update on Biliary Disorders/ Moderator  
Yale vs. Harvard Cases & Controversies in Endoscopy
- 2012 Pseudocysts and Pancreatic Necrosis: How to Manage Endoscopically/ Lecturer  
Yale vs. Harvard Cases & Controversies in Endoscopy
- 2012 Research and Publication in Endoscopy/ Lecturer  
Society of Gastrointestinal Endoscopy of India Annual Meeting, Kolkata, India
- 2012 Endoscopy in Bariatric Practice/ Lecturer  
Society of Gastrointestinal Endoscopy of India Annual Meeting
- 2012 Endoscopic Obesity Procedure/ Presenter  
Advanced in Therapeutic Surgical Endoscopy: Training & Education, Bangkok, Thailand
- 2012 Endoscopic Pancreatic Necrosectomy/Lecturer  
Advanced in Therapeutic Surgical Endoscopy: Training & Education
- 2012 How to treat leaks after bariatric procedures and oesogastric resections?/Lecturer  
IRCAD France, Flexible Endoscopy and Hybrid Endo-Laparoscopic Surgery Course, Strasbourg, France

- 2012 How to manage weight regain after bariatric procedures?/Lecturer  
IRCAD France, Flexible Endoscopy and Hybrid Endo-Laparoscopic Surgery Course
- 2012 Endoluminal Bariatric Procedures/Lecturer  
IRCAD France, Flexible Endoscopy and Hybrid Endo-Laparoscopic Surgery Course
- 2012 Theoretical Session: Current indications and techniques of hybrid endo-laparoscopic surgery/New Techniques and Concepts/Chair  
IRCAD France, Flexible Endoscopy and Hybrid Endo-Laparoscopic Surgery Course
- 2012 Endoscopic techniques to perform an endoluminal sleeve/Lecturer  
5th International Meeting on Surgery of Obesity and Metabolic Surgery, Madrid, Spain
- 2012 Closing Conference Lecture: The endoscopist in bariatrics: friend or foe. Current status of endoscopic techniques to treat morbid obesity and complications of bariatric surgery/Lecturer  
5th International Meeting on Surgery of Obesity and Metabolic Surgery
- 2013 Bariatric Endoscopy in 2013/Lecturer  
Yale vs. Harvard Cases & Controversies in Endoscopy, Hamilton, Bermuda
- 2013 Breakout Sessions: Benign and Malignant Biliary Structures: How to Diagnose and Treat/Lecturer  
Yale vs. Harvard Cases & Controversies in Endoscopy
- 2013 Endoscopic Management of Obesity/Lecturer  
Postgraduate Course of the Sociedad Espanola de Patologia Digestive (SEPD) and the AGA Institute, Murcia, Spain
- 2013 Endoscopic approach for metabolic disease/Lecturer  
International Digestive Endoscopy Network 2013(IDEN 2013), Seoul, Korea
- 2013 Stenting in Difficult Situations, Experiences and Techniques: Leakage or Fistula/Lecturer  
International Digestive Endoscopy Network 2013(IDEN 2013)
- 2014 Endoscopic necrosectomy for management of pancreatic necrosis/Lecturer  
9th International Course on Therapeutic Digestive Endoscopy, Pamplona, Spain
- 2014 Endoscopic magnetic anastomosis: new frontiers in bypass and endoluminal access/Lecturer  
9th International Course on Therapeutic Digestive Endoscopy
- 2014 Endoscopic sleeve gastropasty for treatment of obesity/Lecturer
- 2014 Full-thickness sutured transoral outlet reduction for treatment of weight regain after Roux-en-Y gastric bypass/Lecturer  
9th International Course on Therapeutic Digestive Endoscopy

2014 Endoscopic repair of post-operative gastrointestinal fistulas and perforations using an endoscopic suturing device/Lecturer  
9th International Course on Therapeutic Digestive Endoscopy

## **Report of Clinical Activities and Innovations**

### **Current Licensure and Certification**

1996 - 2003 Graduate Medical Trainee License  
1999 Diplomate, American Board of Internal Medicine  
2003 Massachusetts Medical License  
2003 Diplomate, American Board of Internal Medicine, Subspecialty in Gastroenterology

### **Practice Activities**

2003-	Ambulatory Attending Physician	Gastroenterology, Brigham and Women's Hospital	One Session per week
2003-	Endoscopy Attending Physician	Endoscopy Unit, Brigham and Women's Hospital	Five Sessions per week
2003-	Gastroenterology Consult Service Attending Physician	Brigham & Women's Hospital	Three weeks per year
2003-	ERCP Service Attending Physician	Endoscopy, Brigham & Women's Hospital	One-Two weekends per month
2003-	Night and Weekend Call Attending Physician	Brigham & Women's Hospital	Three weeks per year

### **Clinical Innovations**

Bariatric Endoscopy at Brigham and Women's Hospital (2004)	Developed techniques specifically addressing post-surgical complications in the bariatric patient, as well as the endoscopic treatment of obesity. This has led to a strong regional and national referral base for these conditions and created an active mentoring program.
Natural Orifice Transluminal Endoscopic Surgery (NOTES) at Brigham and Women's Hospital (2004)	Developed techniques for performing traditional surgical procedures using a trans-oral or trans-colonic endoscopic approach, such as endoscopic cholecystectomy, oophrectomy, tubal ligation, abdominal exploration, pancreatectomy, etc in a porcine model. This has led to regional, national and international speaking and hands-on invitations, as well as several NOTES committee memberships. This has also resulted in multiple research funding opportunities.
Endoscopic Pancreatic Necrosectomy at Brigham and Women's Hospital (2011)	Developed a technique with a significantly lower complication rate than previous techniques with similar efficacy. Brigham and Women's Hospital now has the highest case volume in New England for these procedures, and is frequently asked to do case demonstrations internationally.

Endoscopic Part-task Training Box at Brigham and Women's Hospital (2011)	This was developed to allow trainees to become familiar with the endoscope before performing clinical cases. This has achieved construct validity and is in the process of being licensed to major medical and surgical societies.
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## Report of Technological and Other Scientific Innovations

Endoscopic Fistula Repair	<p>Provisional U.S. Patent Application Number: 60/694,617, Filed June 27, 2005. Brigham and Women's Hospital case: 11089. Licensed by Bard/Davol A7046 - Case 1089 (9/30/05)</p> <p>An endoscopic per-oral technique using an endoscopic suturing device to address intragastric fistulas and similar defects that may be seen following RYGB or related procedures. This will serve as a minimally invasive alternative to surgery, minimizing hospital costs and patient recovery. The provisional application for this case was combined with the application for the case below (BWH 11092). Both applications were consolidated into one pending US application (11/909,728 which is still pending) The decision to abandon foreign applications in this and the below case was made by the company to whom this is licensed.</p>
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Endoscopic Gastric Bypass Defect Repair	<p>Provisional U.S. Patent Application Number: 60/668,992, Filed April 5, 2005 Brigham and Women's Hospital case: 11092. Licensed by Bard/Davol A7046 - Case 1092(9/30/05)</p> <p>An endoscopic per-oral technique using an endoscopic suturing device to address the dilated gastrojejunal anastomosis in patients who have had RYGB and subsequent weight loss failure. This will serve as a minimally invasive alternative to surgery, minimizing hospital costs, safety risks and patient recovery. The provisional application for this case was combined with the application for the case above (BWH 11089). Both applications were consolidated into one pending US application (11/909,728 which is still pending) The decision to abandon foreign applications in this and the above case was made by the company to whom this is licensed.</p>
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Wireless Biosensor with Fastening Clip	<p>Provisional U.S. Patent Application Number: 61/264,548, Filed November 25, 2009 U.S. Utility Patent Application Number: 13/511,580, Filed May 23, 2012. Brigham and Women's Hospital case: 20255.</p> <p>A wireless endoscopically implantable biosensor for detection of gastrointestinal re-bleeding.</p>
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Description of Magnetic Self-Assembly and Self-Expansion for Magnetic Compression Anastomosis and One-Step	<p>Provisional U.S. Patent Application Number: 61/308,680, Filed February 26, 2010 Brigham and Women's Hospital case: 20661.</p> <p>The rights for this case were returned to the inventors.</p> <p>A novel endoscopic device and method for endoscopic creation of immediate, large caliber anastomosis between two hollow organs using self-assembling smart magnets.</p>
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## Endoscopic Access

Endoscopic Part-task Training Box      Provisional U.S. Patent Application Number: 61/570,430, Filed 12/14/2011  
Patent Cooperation Treaty (PCT) Application Number: PCT/US 2012/69763, Filed December 14, 2012.  
Brigham and Women's Hospital case: 21429.

This is a mechanical simulator with multiple modules to simulate different endoscopic skills. This can be used as a tool for developing endoscopic skills.

## **Report of Education of Patients and Service to the Community**

### **Education of Patients and Service to the Community**

*No educational materials below were sponsored by outside entities.*

2000                      Bethesda Mission, Pennsylvania State University Internal Medicine Resident  
Clinic/ Attending Physician  
Supervised resident clinic that provides free care to the homeless.

### **Educational Material for Patients and the Lay Community**

*No educational materials below were sponsored by outside entities.*

2005	Endoscopic Therapy Potential Alternative to Reoperation For Some Who Fail to Achieve Desired Weight After Gastric Bypass	Interviewee	Newspaper. Endoscopic Therapy Potential Alternative to Reoperation For Some Who Fail to Achieve Desired Weight After Gastric Bypass. Gastroenterology & Endoscopy News. 2005 Oct;Vol. 56:10.
2005	Local Doctor Testing Fix For Weight Loss Surgery Problem	Interviewee	TV News Station, ABC News
2006	Down the Hatch	Interviewee	Magazine. Down the Hatch. Proto Magazine. 2006 Spring:14-9.
2006	Advances in Radiology May Propel	Interviewee	Newspaper. Advances in Radiology May Propel Gastroenterology to New Level . Gastroenterology & Endoscopy News. 2006 Jul;Vol. 57:07.

Gastroenterology to  
New Level

2007	Novel NOTES causes docs to rethink incision decision	Interviewee	Newspaper. NOTES causes docs to rethink incision decision. Boston Business Journal. 2007 Jul 13-19; 27(24):6
2007	Natural Orifice Surgery Has Tongues Wagging	Interviewee	Newspaper. They took out your gallbladder...how? Natural Orifice Surgery Has Tongues Wagging. USA Today. 2007 Aug 6;Sec. D:7D.
2008	Weight Loss Surgery without Scars	Interviewee	Newspaper. Weight Loss Surgery without Scars. Boston Globe. 2008 Jun 28; Sec. A:A1-6.
2008	Open Wide. No, Wider Are We Ready for an Era of 'Natural-Orifice'?	Interviewee	Magazine. Open Wide. No, Wider Are We Ready for an Era of 'Natural-Orifice'? NEWSWEEK. 2008 Apr 14;151(15):40.
2008	Battle of the Bulge	Interviewee	Hospital Magazine Publication, Battle of the Bulge. Brigham and Women's Magazine. 2006;11(1):9.
2008	Evolving Horizons in Therapeutic Endoscopy	Author	Society Newspaper. Evolving Horizons in Therapeutic Endoscopy. AGA Perspectives. 2008; 4(2):8.
2008	Obesity Surgery: No Incision Required	Interviewee	Hospital Publication, bwHPikenotes.org [internet]. Obesity Surgery: No Incision Required. BWH Bulletin. 2008 Sep 26:1-2. Available from: www.bwhpikenotes.org.
2008	A New Way to Treat Obesity	Interviewee	Publication by MIT. A New Way to Treat Obesity. Technology Review. 2008 May 15. Available from: <a href="http://www.technologyreview.com/news/410134/a-new-way-to-treat-obesity/">http://www.technologyreview.com/news/410134/a-new-way-to-treat-obesity/</a>
2009	Weight Management Techniques Reflect Advances in the Field	Interviewee	Press Release/Multiple Websites, Chicago: DDW News. Weight Management Techniques Reflect Advances in the Field. EScience News [Internet]. 2009 Jun 2. Available from: <a href="http://esciencenews.com/articles/2009/06/02/weight.management.techniques.reflect.advances.field">http://esciencenews.com/articles/2009/06/02/weight.management.techniques.reflect.advances.field</a>
2009	Digestive Diseases Week Highlights Weight	Interviewee	Press Release/Multiple Websites. Digestive Diseases Week Highlights Weight Management Techniques. Medical News Today [Internet]. 2009 Jun 2. Available

	Management Techniques		from: <a href="http://www.medicalnewstoday.com/releases/152419.php">http://www.medicalnewstoday.com/releases/152419.php</a>
2009	You Want To Take My What Out Of My Where? Hospitals Experiment With Orifice Surgery	Interviewee	Radio Interview, WBUR.
2009	Weight-Loss Surgery Simplified	Interviewee	TV News station, ABC News
2009	The Next Big Thing in Obesity: Endoscopists Set To Carve Out Niche In Spectrum of Care	Interviewee	Newspaper. The Next Big Thing in Obesity: Endoscopists Set To Carve Out Niche In Spectrum of Care. Gastroenterology & Endoscopy News. 2009 Jun;60:06.
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2009	Transoral Gastroplasty Shows Promise	Interviewee	Society newspaper. Transoral Gastroplasty Shows Promise. AGA Gastroenterology & Hepatology News. 2009 Sep;3(9):1-3.
2009	Endoscopic Procedures Offer New Options for Obesity	Author	Society newspaper. Endoscopic Procedures Offer New Options for Obesity. AGA GI & Hepatology News. 2010 Sept;4(9):14.
2010	Sclerotherapy Stabilizes Weight Re-Gain after Gastric Bypass	Interviewee	Newspaper. Sclerotherapy Stabilizes Weight Re-Gain after Gastric Bypass. Gastroenterology & Endoscopy News. 2011 Dec;62:12
2010	Pay for Performance May Create Unintended Financial Incentives for Doctors to Discriminate Against Obese Patients.	Interviewee	Press Release/Multiple Websites, New Orleans: DDW News. Pay for Performance May Create Unintended Financial Incentives for Doctors to Discriminate Against Obese Patients. News Medical [Internet]. 2010 May 5. Available from: <a href="http://www.news-medical.net/news/20100505/Pay-for-performance-may-create-unintended-financial-incentives-for-doctors-to-discriminate-against-obese-patients.aspx">http://www.news-medical.net/news/20100505/Pay-for-performance-may-create-unintended-financial-incentives-for-doctors-to-discriminate-against-obese-patients.aspx</a>

2010	Gastric Balloons May Aid Weight Loss	Interviewee	Press Release/Multiple Websites. Gastric Balloons May Aid Weight Loss. WebMD Health News [Internet]. 2010 May 6. Available from: <a href="http://www.webmd.com/diet/weight-loss-surgery/news/20100506/gastric-balloons-may-aid-weight-loss">http://www.webmd.com/diet/weight-loss-surgery/news/20100506/gastric-balloons-may-aid-weight-loss</a>
2010	New Studies Examine Adverse Outcomes Associated with Obesity and More Applicable Measures of Obesity	Interviewee	Press Release/Multiple Websites, New Orleans: DDW News. New Studies Examine Adverse Outcomes Associated with Obesity and More Applicable Measures of Obesity. 2010 May 2. Available from: <a href="http://www.prnewswire.com/news-releases/new-studies-examine-adverse-outcomes-associated-with-obesity-and-more-applicable-measures-of-obesity-92621009.html">http://www.prnewswire.com/news-releases/new-studies-examine-adverse-outcomes-associated-with-obesity-and-more-applicable-measures-of-obesity-92621009.html</a>
2011	What Causes Weight Gain After Gastric Bypass?	Interviewee	Society blog. The AGA Journals Blog [Internet]. Bethesda. [cited 2011 Mar 3]. Available from: <a href="http://agajournals.wordpress.com/2011/03/03/what-causes-weight-gain-after-gastric-bypass/">http://agajournals.wordpress.com/2011/03/03/what-causes-weight-gain-after-gastric-bypass/</a>
2012	Cutting Edge Technologies Offer Improvements in Screening and Gastrointestinal Surgery	Interviewee	Press Release/Multiple Websites, San Diego:DDW News. Cutting Edge Technologies Offer Improvements in Screening and Gastrointestinal Surgery. DDW.org [Internet]. 2012 May 21. Available from: <a href="http://www.ddw.org/news/articles/2012/05/21/cutting-edge-technologies-offer-improvements-in-screening-and-gastrointestinal-surgery">http://www.ddw.org/news/articles/2012/05/21/cutting-edge-technologies-offer-improvements-in-screening-and-gastrointestinal-surgery</a>
2012	Moveable Magnets Used to Forge Gastric Bypass in Pigs	Interviewee	Press Release/Multiple Websites. Moveable Magnets Used to Forge Gastric Bypass in Pigs. US News and World Report [Internet]. 2012 May 21. Available from: <a href="http://health.usnews.com/health-news/news/articles/2012/05/21/moveable-magnets-used-to-forge-gastric-bypass-in-pigs">http://health.usnews.com/health-news/news/articles/2012/05/21/moveable-magnets-used-to-forge-gastric-bypass-in-pigs</a>
2012	Digestive Disease Week 2012: Researchers endoscopically create GI bypass with "smart" magnets	Interviewee	Press Release/Multiple Websites, Medical Device Daily. Digestive Disease Week 2012: Researchers endoscopically create GI bypass with "smart" magnets. Medical Device Daily [Internet]. 2012 May 25. Available from: <a href="http://www.medicaldevicedaily.com/">http://www.medicaldevicedaily.com/</a>
2012	Weight Loss: Would You Have This Shocking New	Interviewee	Magazine. Weight Loss: Would You Have This Shocking New Surgery to Lose Just 25 Pounds? Glamour. 2012 May:192-7.



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2013	New Weight Loss Device: Aspire Assist	Interviewee	TV News Station, CBS News New York. Available from: <a href="http://mediacenter.tveyes.com/downloadgateway.aspx?UserID=223687&amp;MDID=1894782&amp;MDSeed=9748&amp;Type=Media">http://mediacenter.tveyes.com/downloadgateway.aspx?UserID=223687&amp;MDID=1894782&amp;MDSeed=9748&amp;Type=Media</a>
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### Recognition

2008-2012	America's Top Doctors	Castle Connolly Medical LTD
2009	Alumni Award – Alumni Who Have Made a Difference	Union Endicott High School

### Report of Scholarship

### Publications

#### Peer reviewed publications in print or other media

#### Research investigations

1. McGarrity TJ, Peters DJ, **Thompson CC**, McGarrity SJ. Outcome of patients with chronic abdominal pain referred to chronic pain clinic. *Am J Gastroenterol.* 2000 Jul;95(7):1812-6. PubMed PMID: 10925989.
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3. Gan SI, **Thompson CC**, Lauwers GY, Bounds BC, Brugge WR. Ethanol lavage of pancreatic cystic lesions: initial pilot study. *Gastrointest Endosc.* 2005 May;61(6):746-52. PubMed PMID: 15855986.
4. Wagh MS, Merrifield BF, **Thompson CC**. Endoscopic transgastric abdominal exploration and organ resection: initial experience in a porcine model. *Clin Gastroenterol Hepatol.* 2005 Sep;3(9):892-6. PubMed PMID: 16234027.
5. Wagh MS, Merrifield BF, **Thompson CC**. Survival studies after endoscopic transgastric oophorectomy and tubectomy in a porcine model. *Gastrointest Endosc.* 2006 Mar;63(3):473-8. PubMed PMID: 16500399.
6. Merrifield BF, Wagh MS, **Thompson CC**. Peroral transgastric organ resection: a feasibility study in pigs. *Gastrointest Endosc.* 2006 Apr;63(4):693-7. PubMed PMID: 16564875.

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9. Fong DG, Pai RD, **Thompson CC**. Transcolonic endoscopic abdominal exploration: a NOTES™ survival study in a porcine model. *Gastrointest Endosc*. 2007 Feb;65(2):312-8. PubMed PMID: 17173916.
10. Ryou MK, Pai RD, Sauer JS, Rattner DW, **Thompson CC**. Evaluating an optimal gastric closure method for transgastric surgery. *Surg Endosc*. 2007 Apr;21(4):677-80. Erratum in: *Surg Endosc*. 2007 Aug;21(8):1472. Pai, R [corrected to Pai, RD]; Sauer, J [corrected to Sauer, JS]; Rattner, D [corrected to Rattner, DW]; Thompson, C [corrected to Thompson, CC]. PubMed PMID: 17160493.
11. Vosburgh KG, Stylopoulos N, Estepar RS, Ellis RE, Samset E, **Thompson CC**. EUS with CT improves efficiency and structure identification over conventional EUS. *Gastrointest Endosc*. 2007 May;65(6):866-70. PubMed PMID: 17466206.
12. Pai RD, Carr-Locke DL, **Thompson CC**. Endoscopic evaluation of the defunctionalized stomach by using ShapeLock technology (with video). *Gastrointest Endosc*. 2007 Sep;66(3):578-81. PubMed PMID: 17725949.
13. Fong DG, Ryou MK, Pai RD, Tavakkolizadeh A, Rattner DW, **Thompson CC**. Transcolonic ventral wall hernia mesh fixation in a porcine model. *Endoscopy*. 2007 Oct;39(10):865-9. PubMed PMID: 17968801.
14. Ryou MK, Fong DG, Pai RD, Tavakkolizadeh A, Rattner DW, **Thompson CC**. Dual-port distal pancreatectomy using a prototype endoscope and endoscopic stapler: a natural orifice transluminal endoscopic surgery (NOTES™) survival study in a porcine model. *Endoscopy*. 2007 Oct;39(10):881-7. PubMed PMID: 17968804.
15. Herron DM, Birkett DH, **Thompson CC**, Bessler M, Swanström LL. Gastric bypass pouch and stoma reduction using a transoral endoscopic anchor placement system: a feasibility study. *Surg Endosc*. 2008 Apr;22(4):1093-9. PubMed PMID: 18027049.
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Gastroenterologists, surgeons and nurses.  
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## **Narrative Report**

I am currently the Director of Therapeutic Endoscopy at Brigham and Women's Hospital (BWH). My clinical interests include advanced endoscopy as applied to pancreatobiliary disease, postsurgical complications, bariatric endoscopy, and reflux. I spend the majority of my time conducting clinical activities, which include seeing patients in the ambulatory setting and on the Gastroenterology Inpatient Consult Service, and performing general and advanced endoscopic procedures. The remainder of my time is devoted to research activities in therapeutic endoscopy, with a focus on pancreatic disease, obesity, natural orifice surgery, and endoscopic education. I currently have active clinical, translational, bench, and Department of Defense-funded large animal protocols. My research has resulted in several patent applications, the development of new endoscopic procedures, and numerous publications.

My important clinical innovations include the development of new endoscopic techniques for treating pancreatic necrosis, pancreatojejunal anastomosis strictures, and postsurgical complications. Additionally, I was awarded the BWPO Clinical Innovation Award in 2007 for developing and performing the first human endoscopic obesity procedure. These accomplishments have led to a vast clinical referral base, and to national and international invitations for lectureships and live case demonstrations, including the American College of Gastroenterology (ACG) Blackwell Lectureship, the American Gastroenterology Association (AGA) Presidential Plenary, numerous post-graduate education courses for major US Gastroenterology and surgical societies, and respected courses in Europe, Asia, and South America. In addition to these clinical innovations, I've developed an endoscopic part-task training box for skill assessment that is in the process of being licensed by the American Society of Gastrointestinal Endoscopy.

I also actively teach and mentor clinical fellows, research fellows, residents, medical students, engineers, undergraduates, and visiting scholars. I have been a mentor for more than thirty lab members who have gone on to positions in prestigious academic centers, including the Mayo Clinic, UCLA, Vanderbilt, Emory, Baylor, Mount Sinai, University of Florida Gainesville, Yale, and the Harvard hospitals. Currently I mentor a clinical Gastroenterology fellow BWH, a Pediatric Gastroenterology fellow from Massachusetts General Hospital (MGH), two fellows in the Combined BWH/MGH Advanced Endoscopy Fellowship, and two research fellows from Mt. Sinai, and Jikei University, Tokyo, Japan.

I am a member of the teaching faculty for the Gastroenterology Division Didactic Conference and the Division's Endoscopy Conference. I conduct case demonstrations during the annual Boston International Live Endoscopy Course, a multinational broadcast of live endoscopic cases and lectures. I also lecture at the annual HMS Advances in Gastroenterology course, co-directed by Drs. Stephen Goldfinger (MGH) and Richard S. Blumberg (BWH). Additionally, I head the division morbidity and mortality conference and am a member of the hospital quality assurance and risk management committee.

I have an active clinical practice that is tied to a robust research program, and I have pioneered advancements in the field of therapeutic endoscopy over the past several years. I have also been a committed educator and research mentor, and have been fortunate to have many of my trainees attain success in top academic programs.