

## CURRICULUM VITAE

### I. Personal Information

Adrian Park, MD, FRCSC, FACS, FCS (ECSA)  
Chair, Department of Surgery  
Anne Arundel Health System  
Anne Arundel Medical Center  
2001 Medical Parkway  
Annapolis, MD 21401  
(443)481-5699

Marital Status: Married, Jennifer A. Park

Children: Hilary Elizabeth Park  
Meredith Winnifred Park  
Cedric Evan Park  
Nigel Lewis Park

### II. Education

1983 B.Sc. (Honors), Biomedical Minor, University of Guelph, Canada  
1984 Cours Moyen Spécial, Université de Pau, France

### III. Professional Education

Doctor of Medicine, Faculty of Health Sciences, McMaster University, Canada	1987
Fellowship - Laparoscopic/Endoscopic Surgery Hôtel Dieu de Montréal, (U. de Montréal) Montréal, Québec	1993
Chief Resident - General Surgery St. Joseph's Hospital Hamilton, Ontario	Jan 92-Jun 92
Chief Resident - General Surgery McMaster University Medical Centre Hamilton, Ontario	Jul 91-Dec 91
General Surgery Residency Department of Surgery McMaster University Affiliated Hospitals Hamilton, Ontario	Jul 88-Jun 91
Senior Registrar - Surgery Colonial War Memorial Hospital Suva, Fiji Islands	Oct 89-Dec 89
Comprehensive Surgical Internship	Jul 87-Jun 88

McMaster University Medical Centre  
Hamilton, Ontario

**IV. Board Certification**

1992 Fellow of the Royal College of Surgeons, General Surgery (Canada)  
1996 American Board of Surgery (recertified 2005)  
1997 Fellow of the American College of Surgeons

**V. Licensure**

1989 Ontario Medical Licensure  
1989 Medical Counsel of Canada Licensure  
1997 Kentucky Medical Licensure  
2003 Maryland Board of Licensure  
2010 Nova Scotia Medical Licensure

**VI. Hospital Privileges**

Anne Arundel Hospital

**VII. Present Position**

2012 – Present      **Chairman, Department of Surgery**  
Anne Arundel Health System  
Annapolis, Maryland

2012 – Present      **Professor of Surgery, PAR**  
Johns Hopkins University

2011 – Present      **Adjunct Professor of Computer Science & EE**  
University of Maryland (BC)

**VIII. Previous Positions**

2011 – 2011      **The Dr. Alex Gillis Professor of Surgery & Chairman**  
Department of Surgery  
Dalhousie University  
Halifax, Nova Scotia

2011 – 2011      **Chief of Surgery**  
Capital District Health Authority  
Halifax, Nova Scotia

2006 – 2011      **Vice Chair, Department of Surgery**  
University of Maryland  
Baltimore, Maryland

- 2003 – 2011      **The Campbell and Jeanette Plugge Professor of Surgery & Head, Division of General Surgery**  
University of Maryland  
Baltimore, Maryland
- 2005 – 2011      **Adjunct Professor, Bioengineering**  
University of Maryland  
Baltimore, Maryland
- 2005 – 2011      **Medical Director, Digestive Health Center**  
University of Maryland  
Baltimore, Maryland
- 2002-2003      **The Commonwealth Professor, Department of Surgery**  
University of Kentucky College of Medicine  
Lexington, KY
- 1997 -2002      **Associate Professor, Department of Surgery**  
University of Kentucky College of Medicine  
Lexington, KY
- 1998 – 2003      **Director, Center for Minimally Invasive Surgery**  
University of Kentucky  
Lexington, KY
- 1998 – 2003      **Head, Surgical Endoscopy**  
University of Kentucky  
Lexington, KY
- 1999- 2003      **Chief, Section of G.I. Surgery**  
University of Kentucky College of Medicine  
Lexington, KY
- 1994 - 1997      **Assistant Clinical Professor**  
Department of Surgery, Faculty of Health Sciences  
McMaster University  
Canada
- 1994 - 1997      **Active Staff**  
Department of Surgery  
St. Joseph's Hospital  
Canada
- 1994 - 1997      **Consultant**  
Division of General Surgery

St. Peter's Hospital  
Canada

1994 - 1997           **Courtesy Staff**  
Chedoke McMaster Hospitals  
Canada

**IX. Research Experience**

**X. Honors and Awards**

- 1978 First prize, Senior Division, Peel Region Science Fair "Mutagenic Effects of Ionizing Radiation and Ultraviolet Light on D. Melanogaster."
- 1979 Ontario Scholar
- 1985 Selected to represent McMaster Medical School at: Symposium on Research Frontiers of Diabetes Mellitus, sponsored by C.D.A., held in Toronto, Ontario. November 1985.
- 1986 Symposium on advances in Diabetes Mellitus, sponsored by Juvenile Diabetes Association of America, held in Nashville, Tennessee. March 1986.
- 1986 Symposium on Research Frontiers of Diabetes Mellitus, sponsored by C.D.A., held in Edmonton, Alberta. October 1986.
- 1987 Appointed Clinical Skills Representative MD Class
- 1990 Davis and Geck Surgical Research Award., "Magnetic Resonance Imaging in the assessment of bowel viability after ischemia reperfusion injury."
- 1991 Davis and Geck Surgical Research Award., "Diagnosis of persistent intestinal ischemia in the rabbit using Magnetic Resonance Imaging."
- 1992 Exemplary Resident Award., Emergency Associates of St. Joseph's.
- 1992 Merck Frost Award for Teaching Excellence., Canadian Association of General Surgeons.
- 1995 Golden Scalpel Award., for outstanding contribution to surgical resident education.
- 1999 Alumni Medal of Achievement., University of Guelph.
- 2002 EES Silver Spork Award. Best clinician co-inventor of new medical device.
- 2003 Kentucky Colonel. Commonwealth of Kentucky
- 2005-2006-2007-2008-2009-2010-2011 Best Doctor's in America
- 2007-2008-2009 America's Top Surgeons Award. Consumers' Research Council of America.
- 2007 A Top Doctor in Surgery. Baltimore Magazine, November issue.
- 2009 Medal of Achievement. University of Maryland School of Medicine
- 2009 Gore & Associates Outstanding Achievement Award – A SAGES Foundation Award
- 2010 A Top Doctor in Surgery. Baltimore Magazine, November issue.
- 2013 Georgetown University Lifetime Achievement Award in Abdominal Wall Reconstruction

**XI. Professional Memberships**

- 1988 - present           Ontario Medical Association
- 1988 - present           Canadian Medical Association

Adrian Park  
Curriculum Vitae

1992 - present	Royal College of Surgeons of Canada, Fellow
1992 - present	Canadian Association of General Surgeons
1993 - present	Christian Medical and Dental Society
1994 - 1997	Hamilton Academy of Medicine
1994 - 1997	Hamilton and District Gut Club
1995 - present	Society for Surgery of the Alimentary Tract (SSAT)
1995 - present	Society of American Gastrointestinal Endoscopic Surgeons (SAGES)
1997 - present	American College of Surgeons, Fellow
1997 - 2012	American Hernia Society
1997 - 2003	South West Oncology Group
1998 - 2003	Fayette County Medical Society
1998 - present	Southeastern Surgical Congress
2003 - present	The Central Surgical Association
2009 - present	American Surgical Association

## **XII. Committees**

### **Hospital**

1993 - Apr 1997	Coordinator, Trauma – SJH
1993 - Apr 1997	Member, Medical Education Committee - SJH
1993 - Apr 1997	Member, Committee to Review the Regional Trauma Program – SJH
1994 - Apr 1997	Director Surgical Clinical Teaching Unit -SJH
1994 - Apr 1997	Director of Surgical Residency - SJH
1994 - Apr 1997	Coordinator General Surgery Rounds - SJH
1994 - Apr 1997	Coordinator Joint Digestive Rounds - SJH
1994	Member, Communication Working Group - SJH
1996 - Apr 1997	Member, Surgical Critical Care Committee - SJH
1996 - Apr 1997	Coordinator Surgical Critical Care Rounds – SJH
1997 – 2003	Head of Surgical Endoscopy - UK
1998 – 2003	Chief, Section of GI Surgery – UK
2003 – 2011	Chairman, General Surgery Development Committee – UMMC
2003 – 2011	Chairman, General Surgery Performance Improvement Committee – UMMC
2003 – 2011	Member, GI Endoscopy Quality Assessment – UMMC
2003 – 2011	Member, Surgeon Value Analysis - UMMC
2004 – 2008	Member, Living Donor Team– UMMC
2004 – 2011	Chairman & Director of the MASTRI Center
2005 – 2011	Medical Director – Digestive Health Center Clinic, University of Maryland School of Medicine and Medical Center

### **University**

1997 – 2003	Director of the Center for Minimally Invasive Surgery, University of Kentucky
1998 – 2003	Director of MIS Fellowship Program, University of Kentucky

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- 1998 - 2003 Associate Faculty, Center for Health Services Research, Policy and Service, University of Kentucky
- 1998 - 1999 Member - Biomedical Engineering Periodic Review Committee
- 1999 - 2003 Medical Liaison and Continuing Education Committee
- 1999 - 2003 Chairman, UKCMIS Steering Committee
- 2002 - 2003 Member - Marketing Advisory Committee of the University
- Physicians**
- 2004 - 2011 Head of General Surgery, University of Maryland
- 2004 - 2011 Chairman, Minimally Invasive Therapy Center Committee, University of Maryland
- 2004 - 2011 Director (PI) of OR of the Future Projects
- 2004 - 2011 Chairman & Director of the MASTRI Center
- 2004 - 2011 Vice Chair, University of Maryland Surgical Association
- 2004 - 2011 Member - Ambulatory Operations Committee, University of Maryland School of Medicine and Medical Center
- External**
- 1996 - Present Member, Program Committee - Society of American Gastrointestinal Endoscopic Surgeons (SAGES)
- 1997 - Present Member, Board of Directors, New Life Ministries
- 1998 - 2001 Co-Chair, Membership Committee - SAGES
- 1999 - Present Member of the Stryker Endoscopy Surgeon Advisory Council
- 1999 - 2003 Chairman, Annual University of Kentucky MIS/GI Symposium
- 1999 - 2002 Member, Physician Advisory Board, Endonetics
- 2000 - Present Co-Chair (and Co-Founder) Minimally Invasive Surgery Fellowship Fundamentals (Annual) Conference
- 2001 - 2005 Founding President, Minimally Invasive Surgery Fellowship Council
- 2001 - Present Member, Board of Governors, Pan African College of Christian Surgeons (PACCS)
- 2001 - 2006 Treasurer, PACCS
- 2001 - Present Member of the Board, Christian Medical & Dental Association Commission on Medical Education
- 2001 - Present Member, Development Committee - SAGES
- 2001 - Present Peer Review consultant, American Medical Foundation for Peer Review and Education
- 2002 - Present President, ParK Medical LLC.
- 2002 - 2006 Chairman, Board of Directors, Celerity Automation Inc.
- 2003 - Present Member, SAGES Board of Governors
- 2003 - 2007 Surgical Dean, CMDA Commission on Medical Education
- 2003 - 2006 Member, Board of Governors, American Hernia Society
- 2003 - Present Member, SAGES Fundamentals of Endoscopic Surgery (FES) Advisory Committee
- 2005 - Present Associate Examiner (oral boards), The American Board of Surgery
- 2005 - Present Member, Gastrointestinal Surgery Advisory Council, The American Board of Surgery
- 2005 - 2007 Chairman, Fellowship Council Board

2006 - Present	Member, ASGE Invention Innovation Special Interest group (II-SIG)
2006 – 2012	Member, Accreditation Review Committee-ACS Program for the Accreditation of Education Institutes
2006 – Present	Co-director, Innovations in Surgery Teleconference
2007 – 2012	Member, Video-based Education - American College of Surgeons
2007 – 2009	Member, Endoluminal Clinical Advisory Board – Tyco Healthcare
2008 – Present	Board Member, EP Church of Annapolis
2008 – Present	Member, Fellowship Council Board
2009 – Present	Member, Fellowship Council Blue Ribbon Panel
2009 - 2010	Advisor, Surgical Education Research Fellowship (SERF)
2011 – 2015	Chairman, Pan African Academy of Christian Surgeons (PAACS)
2011 – Present	Chairman, SAGES Hernia Task Force
2012 - Present	Member, Scientific Committee of the IHI Strasbourg (Un institut hospitalo-universitaire à Strasbourg)
2013 -	Vice President Elect SAGES

### **XIII. Other Significant Scholarly, Research, or Administrative Experience**

2003 – 2004	Editor in Chief – Seminars in Laparoscopic Surgery
2004 – Present	Co-Editor in Chief – Surgical Innovation
2008	Program Chair, 2008 Society of American Gastrointestinal and Endoscopic Surgeons
2009 - 2012	Secretary, Society of American Gastrointestinal and Endoscopic Surgeons Board of Governors Executive Committee
2010 - Present	Editor in Chief – Minimally invasive surgery training: theories, methods, outcomes [Internet]. Washington: Department of Health & Human Services (US), National Institutes of Health, National Library of Medicine.
2012	External Examiner for COSECSA

### **XIV. Editorial Boards**

1997 – 2000	Member of the Editorial Board -World Electronic Book of Surgery
1999 – 2006	Member of the Editorial Advisory Panel-Contemporary Surgery
1999 – 2003	Member of the Editorial Board - Surgical Prospectus
2001 - Present	Member of the Editorial Board – Journal of Laparoscopic Surgery
2002 – 2010	Member of the Editorial Board – Journal of Long-Term Effects of Medical Implants
2002 - Present	Member of the Editorial Board – Surgical Endoscopy
2002 - Present	Member of the Editorial Board – Chinese Journal of Current Advances in General Surgery
2005 – Present	Member of the International Advisory Board – Hernia
2007 – Present	Member of the Editorial Board - WeBSurg's Scientific
2010 – Present	Member of the Editorial Board – Journal of Gastrointestinal Surgery

2010 – Present      In Training: The publication for surgical residents and fellows

## **XV. Editorial Consultant/Reviewer**

### Reviewer for Journals:

Annals of Biomedical Engineering  
Annals of Surgery  
Archives of Surgery  
British Medical Journal (BMJ)  
Contemporary Surgery  
Hernia  
Journal of Laparoendoscopic Surgery  
Journal of Surgical Research  
Mayo Clinic Proceedings  
Surgery  
Surgical Endoscopy  
Surgical Laparoscopy and Endoscopy  
American Journal of Surgery  
Journal of the American College of Surgeons  
World Journal of Surgery

### Reviewed Grants for:

P.S.I. Foundation (Canada)  
Society of American Gastrointestinal Endoscopic Surgeons (SAGES)  
Ontario Research Fund

## **XVI. Research Support**

### Animal Study (Rat) - Pilot

Date: 1989-1990

A. Park, J. Langer

Study: Magnetic Resonance Imaging in the Assessment of Bowel Viability after  
Ischemia - Reperfusion Injury.

Funding: Dept. of Surgery, McMaster University Research Fund.

Amount: \$5,000.00

### Animal Study (Rabbit)

Date: 1990-1991

A. Park, J. Langer, R. Towner

Study: Intestinal Ischemia: The Role of MRI in Assessing Viability of an  
Isolated Bowel Loop.

Funding: Dept. Of Surgery, McMaster University Research Fund.

Amount: \$ 5,000.00

### Clinical Study - Evaluation of a New Laparoscopic Technique

Date: 1993 - 2000

A. Park, M. Gagner, A. Pomp



Study: A Prospective Evaluation of the Lateral Approach to Laparoscopic Splenectomy.

Clinical Study - Assessment of a New Laparoscopic Technique

Date: 01/94 - 1999

A. Park

Study: A Prospective Study Evaluating Laparoscopic Incisional Hernia Repair.

Funding: Industry

Amount: \$50,000.00

Clinical Study

Date: 12/94 - 07/96

D. Dath, A. Park

Study: A Double Blind R.C.T. to Evaluate Bupivacaine Injection in Laparoscopic Cholecystectomy Port Sites.

Funding: Industry (Sanofi Winthrop)

Amount: \$ 2,000.00

Funding: Industry (Wyeth-Ayerst)

Amount: \$ 2,000.00

Clinical Study

Date: 1996

A. Park, C. Paterson

Study: A Prospective Randomized Comparison of Open vs. Laparoscopic Preperitoneal Tension Free Inguinal Herniorrhaphy.

Funding: Father Sean O'Sullivan Research Centre

Amount: \$2,500.00

Clinical Study - Prospective Study & Chart Review

Date: 03/96 - 06/97

J. Okamura, A. Park

Study: An Evaluation of the Approach to Choledocholithiasis in the Laparoscopic Era in Comparing ERCP, Laparoscopic and Open CBD Exploration.

Animal Study (Canine Model) - Acute

Date: 04/06/96

D. Birch, A. Park, A. Thoma, H. Shuhaibar

Study: Comparing the Harmonic Scalpel with Electrocautery in the Dissection of a Free Jejunal Flap.

Funding: Dept. of Surgery, McMaster University Research Fund.

Amount: \$ 3,000.00

Animal Study (Canine Model) - Chronic

Date: 05/96 - 06/97

A. Park, D. Birch, A. Thoma, H. Shuhaibar  
Study: Ultrasonic Dissection as an Alternative to Electrocautery in the  
Laparoscopic Harvest of a Free Jejunal Flap.  
Funding: Industry (Ethicon)  
Amount: \$ 12,095.00

Clinical Study

Date: 11/96 - on going  
A. Park, S. Powell  
Study: Diagnostic Needle Laparoscopy Under L.A. for Suspected  
Appendicitis.  
Funding: P.S.I. Foundation - \$ 7,400.00

Clinical Project

Date: 07/01/97 to 06/31/98  
Study: Grant for establishment of Laparoscopic Fellowship Program  
Funding: Industry (Ethicon)  
Amount: \$55,000.00

Animal Study (Rabbit Model) Chronic

Date: 09/97-07/98  
Study: A Comparison of Intraperitoneal Adhesion Formation On  
Prosthetic Materials.  
Funding: Industry (Gore)  
Amount: \$20,000.00

Animal Study (Murine Model)-Acute

Date: 09/97-06/98  
J. Ochoa, A. Park, P. Figert  
Study: Arginase Activity In Open vs Laparoscopic Surgery in the Mouse  
Funding: Internal-\$8,000.00

Clinical Study

Date: 01/98 – 12/02  
A. Park, W. Johns (Study Chair - Heidi Nelson M.D., Rochester, MN.)  
Study: “A Phase III Prospective Randomized Trial Comparing  
Laparoscopic - Assisted Colectomy vs. Open Colectomy for Colon  
Cancer  
Funding: NIH Multicenter Trial

Minimally Invasive Surgery Research Fellowship

Date: 7/98 - 6/00  
Study: Laparoscopic Video Image Processing Laparoscopic /Infrared Tumor  
Detection  
Funding: Industry (Stryker Endoscopy)  
Amount: \$100,000.00

Grant for Establishment of Center for Minimally Invasive Surgery: MIS Education Program; MIS Dry (Skills) Lab; MIS Basic Science and Clinical Studies (detailed elsewhere)

MIS Outcomes Group

Date: 7/98 - 6/03

Funding: Industry (United States Surgical Corp.)

Amount: \$2,400,000.00

Biomedical Engineering/MIS Study

Date: 01/98 - Present

Study: Development of a Laparoscopic Anastomotic Device

Funding: Internal

Amount: \$75,000.00

Animal Study (Pig Model)

Date: 3/99 – Present

A. Park, M. Mastrangelo, A. Gandsas, U. Chu

Study: Minimally Invasive Laparoscopic Course and Technique Refinement

Funding: Internal

Amount: \$15,000.00

Animal Study (Rabbit Model) Chronic

Date: 4/99 - 6/00

D. Birch, A. Park

Study: Fixation of ePTFE Prosthesis in Incisional Hernia Repairs: The Application of tissue Adhesives

Funding: Industry (WL Gore)

Amount: \$12,600.58

Minimally Invasive Vascular Fellowship

Date: 4/99 - 4/01

C. Kwolek, E. Endean, A. Park

Study: Minimally Invasive Vascular Surgical Techniques - Clinical Trials and Technology Development

Funding: Industry (WL Gore)

Amount: \$50,000.00

Minimally Invasive Surgery Education Study

Date: 08/99 - 06/00

A. Park, B. Charash, W. Witzke

Study: Development of CD bases anatomy training software

Funding: MCFACTS

Amount: \$2,650.00

Animal Study (Rabbit & Pig Model)

Date: 10/99 – 10/02  
A. Park, G. Adrales  
Study: New Anastomotic Device in Laparoscopic Surgery  
Funding: Internal  
Amount: \$65,000.00

Minimally Invasive Surgery Education Study

Date: 6/99 - 6/02  
A. Park, J. Hoskins, W. Witzke  
Study: Development of ImmersaDesk based minimally invasive surgical simulator  
Funding: University of Kentucky Research Fund Award  
Amount: \$150,000.00

Minimally Invasive Surgery/Biomedical Engineering Study

Date: 4/00- 3/01  
M. Shaw, A. Park, C. Knapp  
Study: An SBIR Phase O Proposal for Development and Marketing of Recent Improvements in Laparoscopic Surgery.  
Funding: Kentucky EPSCOR Program  
Amount: \$3,400.00

Animal Study (Rabbit Model)

Date: 5/00 – 5/01  
A. Park, G. Birgisson  
Study: Comparison of Tissue Adhesives and Sutures in Fixation of ePTFE  
Funding: Industry  
Amount: \$48,000.00

Minimally Invasive Surgery/Biomedical Engineering Program

Date: 07/00-06/03  
A. Park  
Study: Video image processing in MIS Ergonomics in MIS  
Funding: Industry (Stryker Endoscopy)  
Amount: \$600,000.00

Surgical Education Study

Date: 03/01-  
Principal Investigator: R.Satava, Investigators: C. Kaufman, K. Montgomery, L. Sillin, S. Dawson, R. Holuck, B. Hannaford, T. Ksummell, A. Liu, A. Park, C. Pellgrini, J. Peters, J. Rosen, J. Rossen, N. Seymour.  
Study: National Consortium Surgical Simulation Centers. Employing the

Scientific Method to Reduce Surgical Errors and Improve Patient Safety.  
Funding: NIH

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Amount: \$5,297,527.00 (pending)

Clinical Study

Date: 04/01 – 09/03

Nickl N, Park A

Study: An Evaluation of the Endonetics Gatekeeper System in the Treatment of Patients with Gastroesophageal Reflux Disease (GERD)

Funding: Medtronic

Amount: \$54,000.00

Clinical Study

Date: 04/01 – 04/05

Nickl N, Park A

Study: Prevention of Sporadic Colorectal Adenomas with Celecoxib

Funding: Searle/NCI

Amount: \$128,000.00

MIS Communications/Education Study

Date: 08/01 - 12/02

Park A, Gandsas A.

Study: The Development of a Webcast Center at the University of Kentucky Center for Minimally Invasive Surgery.

Funding: Industry (Ethicon Endosurgery Inc.)

Amount: \$100,000.00

Clinical Study

Date: 11/01 – Present

Nickl N, Park A

Study: Evaluation of Endonetics Gatekeeper System in the TX of Patients with Gastro Esophageal Reflux Disease

Funding: Medtronic

Amount: \$99,000.00

Clinical Study

Date: 03/02 – 03/03

Nickl N, Park A

Study: Safety and Efficacy of Recombinant Human Interleuki-10 (TENOVIL) in Prevention of Post-ERCP Acute Pancreatitis in Subjects with Increased Risk

Funding: Schering-Plough Research Institute

Amount: \$118,800.00

Surgical Education

Date: 4/02 -

Gandsas A, Park A

Study: Handheld Computers to Enhance Surgical Education  
Funding: SAGES Research Foundation  
Amount: \$12,740.00 (Pending)

#### Surgical Education

Date: 05/04 – 09/06  
Park A (PI), Witzke D  
Study: Minimally Invasive Surgery Training: An Electronic Book.  
Funding: NIH/NLM – Grant #5 G13 LM007862-03  
Amount: \$75,750.00

#### MIS/Surgical Simulation/Ergonomics

Date: 01/03 –  
Park A, Witzke W, George I, Shapiro R, Quick R  
Study: REMIS: A Tool to Facilitate Innovation. Standardization and  
Validation in the Creation of Ergonomic Surgical Simulators.  
Funding: DOD (USAMRMC)  
Amount: \$1,140,000.00

#### Clinical Study

Date: 04/03 –  
McKinlay R, Park A, Nickl N  
Study: Laparoscopic versus Endoscopic Drainage of Pancreatic  
Pseudocyst: A Prospective, Randomized, Single-Center Pilot Study  
Funding: Internal funding  
Amount: \$15,000.00 (Submitted)

#### MIS/Surgical Simulation/Education

Date: 06/01/03 – 05/31/05  
Park A, McKinlay R, Witzke D  
Study: Realism in Minimally Invasive Surgery (MIS) Simulations: Does a  
Funding: NBME (National Board of Medical Examiners)  
Amount: \$70,000.00 (Submitted)

#### Education

Date: 01/01/04 – 12/31/07  
Park A (PI)  
Title: Fellowship Education Program, Biomedical Research program  
(including Smart Image, Surgical Ergonomics and device  
development projects)  
Funding: Stryker Endoscopy  
Amount: \$908,000.00

#### Clinical Study

Date: 02/18/04 -

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Takebe N, Park A

Study: A Phase II Trial of Placental Cord Blood Hematopoietic Stem Cells Used In Non-Myeloablative Allogeneic Stem Cell Transplantation with Pre-Transplant Splenectomy in Adults with Hematological Malignancies

Funding:

Amount:

Education

Date: 07/01/04 – 06/30/05

Park A (PI)

Title: Minimally Invasive Surgery/Fellowship

Funding: US Surgical

Amount: \$140,000.00

Research Study

Date: 9/06/04 -

Park A (PI)

Study: Advanced Video Technology for Safe and Efficient Surgical Operating Rooms

Funding: TATRC (sponsors)

Amount: \$2,565,000.00

Research Study

Date: 7/1/05 - 2/28/06

Park A (PI)

Title: ORF (yr 2)

Funding: US Army Medical Research Acquisition Activity (Dept of Army)

Amount: \$2,506,500.00

Education

Date: 07/01/05 – 06/30/06

Park A (PI)

Title: Minimally Invasive Surgery/Fellowship

Funding: US Surgical

Amount: \$70,000.00

Research Study

Date: 3/01/06 – 2/28/07

Park A (PI)

Title: ORF (yr 3)

Funding: US Army Medical Research Acquisition Activity (Dept of Army)

Amount: \$1,165,557.00

Education

Date: 07/1/06 – 6/30/07

Park A (PI)

Title: Minimally Invasive Surgery/Fellowship  
Funding: US Surgical  
Amount: \$70,000.00

Research Study

Date: 01/01/07 – 12/31/09

Park A (PI)

Title: ORF-Advanced Technologies in Safe and Efficient Operation  
Rooms  
Funding: US Army Medical Research Acquisition Activity (Dept of Army)  
Amount: 3,361,000.00

Education

Date: 07/01/07 – 6/30/2008

Park A (PI)

Title: MIS Fellowship  
Funding: US Surgical  
Amount: \$70,000.00

Education

Date: 07/01/08 – 6/30/2009

Park A (PI)

Title: MIS Fellowship  
Funding: Covidien  
Amount: \$70,000.00

Research Study

Date: 8/1/08 – 7/30/2009

Park A (PI)

Title: Quantitative Ergonomic Assessment of Notes Techniques: A Study  
Funding: Natural Orifice Surgery Consortium for Assessment and Research  
(NOSCAR)  
Amount: \$86,750.00

Research Study

Date: 06/01/2009 – 05/31/2010

Park A (PI)

Title: Tissue Ingrowth of Bioprosthetic in Hernia Repair in a Rabbit Model  
Funding: WL Gore and Associates Inc  
Amount: \$43,532

Education

Date: 07/01/09 – 6/30/2010

Park A (PI)

Title: MIS Fellowship



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Funding: Covidien  
Amount: \$70,000

Research Study

Date: 2010 – 2013  
Park A (PI)  
Title: Addressing MSDs among Laparoscopic Surgeons  
Funding: NIOSH  
Amount: 50,000

Research Study

Date: 01/19/2010 – 01/18/2011  
Park A (PI)  
Title: Ergonomics of a Wireless Camera  
Funding: Stryker  
Amount: \$131,546.00

Education

Date: 07/01/2010– 06/30/2011  
Park A (PI)  
Title: Fellowship in Minimally Invasive Surgery  
Funding: Covidien  
Amount: \$70,000

Education

Date: 07/01/2010 – 06/30/2011  
Park A (PI), Heniford T  
Title: Advanced GI Surgery Fellowship Leadership & Training  
Funding: WL Gore  
Amount: \$500,000

Research

Date: 12/16/2010  
Moses G (PI), Park A  
Title: Strategies for Application of Surgical Innovations  
(Conference Support)  
Funding: USA Med Research ACQ Activity  
Amount: \$22,455

Research

Date: 1/11/2011  
Lee G (PI), Park A  
Title: Comparative Assessment of Physical and Cognitive workloads associated  
with Robotics and Traditional Laparoscopic Surgeries.  
Funding: Intuitive Surgery Operations, Inc.  
Amount: \$50,000

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Research/Simulation/Education

Date : 08/30/11 (Submitted)  
Clarke, D & D'Arcy,R (PIs), Park,A(Co-Investigator)  
Title: Interactive Neurosurgical Simulation Technologies:  
Virtual Immersive Simulated Operating Room (VISOR)  
Funding: Atlantic innovation Foundation  
Amount: \$1,713,610.34 (Cdn)

Education

Date: 07/01/2011 – 06/30/2012  
Park A (PI), Heniford T  
Title: Advanced GI Surgery Fellowship Leadership & Training  
Funding: WL Gore  
Amount: \$485,000

Education

Date: 08/31/12 – ongoing  
Park, Adrian (PI)  
Title: Improving Inguinal and Ventral Hernia Repair Outcomes through Graduate  
Surgical Education  
Funding: SAGES  
Amount: \$100,000.00

Education

Date: 07/01/12 – 06/30/13  
Park A (PI)  
Title: Advanced GI/MIS Fellowship Program  
Funding: WL Gore  
Amount: \$50,000

Education

Date: 07/01/2012 – 06/30/2013  
Park A (PI), Heniford T  
Title: Advanced GI Surgery Fellowship Leadership & Training  
Funding: WL Gore  
Amount: \$475,000

Education

Date: 07/01/13 – 06/30/2014  
Park A (PI)  
Title: Advanced GI/MIS Fellowship Program  
Funding: WL Gore  
Amount: \$50,000

Education

Date: October 27, 2013

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Curriculum Vitae

Helena Mentis, PhD, University of Maryland, Baltimore County  
Adrian Park, MD, Anne Arundel Medical Center (Co-PI)  
Title: Enhancing OR Safety: Phasic Model of Team-based Laparoscopic Surgery  
Funding: SAGES  
Amount: \$29,867

Research

Date: 1/1/14 – 12/31/14  
Nicholas Nickl, Adrian Park  
Title: Training Basic and Advanced Endoscopy in Rural and Urban African settings.  
Funding: ASGE Ambassador Proposal

Research

Date: 09/01/2013 – 08/31/2018  
Kim P, Park A (Site Investigator)  
Title: National Capitol Consortium for Pediatric Device Innovation  
Funding: FDA  
Amount: \$3.5M

Research

Kim P, Park A (Collaborator)  
Title: Smart Tissue Automation Robot (STAR): Intelligent Collaborative Surgical  
Technology  
Applied to NIH R01 #1157191  
Funding: \$1.5M

Research

Date: 09/2014 – 09/2017  
Park A  
Title: Improving Surgeon Health in the OR (Human Factors & Ergonomics Studies)  
Funding: Stryker Endoscopy  
Amount: \$640,000 (pending)

Research

Date: Zahiri H, Park A (PI)  
Title: Preoperative Assessment of Abdominal Wall Function in Patients  
Using Adopted Physical Therapy Techniques  
Funding: Magistro Family Foundation  
Amount: \$80,000 (pending)

Research

Date: Zahiri H, Park A (PI)  
Title: A Longitudinal Prospective Outcomes Study Post Laparoscopic Repair  
Of Abdominal Wall Defects Using Symbotex Composite Mesh

Funding: Covidien  
Amount: \$85,000 (pending)

## **XVII. Patents & Inventions**

Park A, Knapp C, Charash B, Hua C. An Anastamotic Device for Minimally Invasive Surgery. (Serial # 10/175,159 Patent Pending)

Park A, Knapp C. A Delivery System for an Anastamotic Device. (Serial # 10/288,577 Patent Pending)

Charash B, Park A, Shaw M. Multiple Frame Integration and Histogram Modification to Improve Contrast during Minimally Invasive Surgery. (Invention Disclosure #960)

Charash B, Park A, Shaw M. Digital Geometric Image Transformation to Correct Perspective Distortion During Minimally Invasive Surgery. (Invention Disclosure #953)

Shaw M, Park A. Structure Laser Light System to Achieve Three Dimension Projection of a Two Dimensional Image in Real Time During Laparoscopic Surgery. (Invention Disclosure #1067)

Shaw M, Park A. Barrell Distortion Correction to Improve Perspective and Geometry in Laparoscopic Imaging Systems. (Invention Disclosure #1068)

Park A. The Park (Laparoscopic) Forceps.

Park A, Adrales G, Garrett W. The University of Kentucky Surgical Trainer Box.

Park A, Garrett W. The University of Kentucky/Stryker Surgical Training Module.

Park A, Knapp C. Adjustable Line Retractor. (APPL NO. 60/850,496)

Park A, Knapp C. Adjustable Net Retractor. (APPL NO. 60/850,708)

Park A, Knapp C. Endo Frame. (Application No.: 60/922,515 Docket No.:16640.0003)

Park A, Knapp C, Charish W, Cui H. Anastomotic Device. (Mexican Patent Application No. PAa/2003/012055 granted under 246322 on June 8, 2007)

Park A, Knapp C, Charish W, Cui H. Anastomotic Device. (Australian Patent No. 2002320117 patent granted Jan 10, 2008)

Park A, Knapp C, Charish W, Chu H. Anastomotic Device. (China Patent No. ZL02812275.5 issued September 3, 2008)

Park A, Knapp C. Anastomotic Device. (Australia Patent No. 2003261155 issued March 26, 2009)

Park A, Knapp C, Charish W. Chu H. Anastomotic Device. (Korean Patent Application No. 10-2003-7016609 registration date March 23, 2009) Patent No. 10-0891045. Patent valid from November 30, 2011 to July 11, 2023.

Park Medical, LLC. Anastomotic Device. (Canada patent No. 2,475,124 issued April 14, 2009.

Lee G, George I, Park A. An Endoscopic surgical device for measuring hernia defects and other anatomic geometries for clinical planning. (Invention Disclosure # Pending)

Medical, LLC. Anastomotic Device. India patent No. 227784 issued 20/01/2009.

Park A, Knapp C, Gutelius P, Stearns R. Internal Retraction Systems and Devices. (Application No 61/195,793)

George I, Seagull F., Park A. Simulated Abdominal Wall. Patent No. 8,297,982 B2, Date of Patent: Oct. 30, 2012.

George I, Park A. Endosurgical Wireless Light Source (EWLS). Provisional Patent submitted.

Park A, Knapp C. Anastomotic Device, United States Patent No.: 7,780,686 B2. (Date of Patent: August 24, 2010)

Park A, Knapp C. Anastomotic Device, Canada Patent No.: 2,450,959. (Granted January 4, 2011)

Triplett D, Park A, Shirley B. Adjustable Laparoscopic Instrument Handle. Pending United States Provisional Patent application #61/442510 (filed on Feb 14, 2011) Serial Number: 61/442,510.

Park Medical LLC. Anastomotic Device. European Patent number 1401337 Grant Date 15 June 2011.

Park A. Internal Retraction Systems and Devices. United States Patent 8,075,481 issued on 12/13/2011.

George I, Lee G, Park A. Device and method for measuring anatomic geometries. United States patent number No. US-2012-0035507-A1. Application 13/136, 086. Filed Jul 22, 2011

Park A, Knapp C. Adjustable Line and Net Retractors. Date of Patent Feb. 14, 2012. Patent No. US 8,114,018,B2.

Park A, Shirley B, Triplett D, Ewer D. Handle for a surgical instrument. Pending (submitted March 27, 2012)

Park, A, George I, Seagull F. Simulated Abdominal Wall. Pending US Non-Provisional Patent Application No. 12/706,022

Adrian Park et al., Anastomotic Device, Application No. 05109661.4 Hong Kong (Chinese Patent Application No. 03801968.X issued July 11, 2003).

Park A, Knapp, C. Minimally invasive surgery tissue clip (MIST CLIP). Patent Application No. 61/967,981. Filing date: 03/31/2014. Confirmation No. 9151.

### **XVIII. Research Fellows, Graduate Students and Postdoctoral Fellows**

#### **Research Fellows**

Matthew Benenati, MD (MIS Clinical Fellow)	2014-2015
Courtney Doyle, M.D. (MIS Clinical Fellow)	2013-2014
Tiffany Stoddard, M.D. (MIS Clinical Fellow)	2012-2013
Osama Hamed, M.D. (MIS Clinical Fellow)	2010-2011
Erica Sutton, M.D. (MIS Research/Clinical Fellow)	2008-2010
Carlos Godinez, M.D. (MIS Research/Clinical Fellow)	2007-2009
Mark Ranzinger, M.D. (MIS Clinical Fellow)	2007-2008
Tommy Lee, M.D. (MIS Research/Clinical Fellow)	2006-2008
Elizabeth Franco, M.D. (MIS Clinical Fellow)	2006-2007
Rob Catania, M.D. (MIS Clinical Fellow)	2006-2007
Craig Luisey, M.D. (MIS Clinical Fellow)	2005-2006
Stephen Kavic, M.D. (MIS Research Fellow)	2004-2006
(Society of American Gastrointestinal and Endoscopic Surgeons, Resident/Fellow Paper Competition, First Place. April, 2005. Fort Lauderdale, Florida.)	
Ross Segan, M.D. (MIS Clinical Fellow)	2004-2005
Rodrick McKinlay, M.D. (MIS Research Fellow & Clinical Fellow)	2002-2004
(Best presentation by a Fellow/Resident awarded at SAGES 2003 and The Society of Laparoendoscopic Surgeons meeting 2004)	
Xuting Zhi, M.D. (MIS Observing Physician)	2002
Gina Adrales, M.D. (MIS Research & Clinical Fellow)	2001-2003
Carl Weiss, M.D., Ph.D., (MIS Clinical Fellow)	2001-2002
Uyen Chu, M.D. (MIS Clinical Fellow)	2000-2001
(Best Resident/Fellow Award Scientific Presentation awarded at the American Hernia Society meeting 2001)	
Gudjon Birgisson, M.D. (MIS Clinical Fellow)	1999-2000
Michael Shaw, Ph. D. (MIS Research Fellow)	1999-2000
Daniel Birch, M.D. (MIS Clinical Fellow)	1998-1999
Scott Roth, M.D. (MIS Clinical Fellow)	1998-1999
William Charash, Ph.D, M.D. (MIS Research Fellow)	1998-1999
James Okamura, M.D.	
Ron Monahan, M.D.	1995-1996

### **XIX. Visiting Professorships**

Laparoscopic Adrenalectomy, Visiting Professor Lecture, Geisinger Medical Center, Danville, Pennsylvania, October 31, 1994.

Laparoscopic Inguinal Hernia Repair, Visiting Professor Lecture, Geisinger Medical Center, Danville, Pennsylvania, October 31, 1994.

Laparoscopic Large Incisional Hernia Repair, Visiting Professor Lecture, Geisinger Medical Center, Danville, Pennsylvania, October 31, 1994.

Presentation and Demonstration of Laparoscopic Inguinal Herniorrhaphy and Laparoscopic Cholecystectomy as Visiting Professor, Peoples Friendship University Hospital, Moscow, Russia, May 15, 1995.

Approach to the Common Bile Duct Stone in the Laparoscopic Era. Surgical Grand Rounds, Queen's University, Kingston, Ontario, June 26, 1996. (As Visiting Professor, also demonstrated Laparoscopic Splenectomy by the Lateral Approach). November 27, 1995.

Incisional herniorrhaphy. Visiting Professor Surgical Grand Rounds. Thomas Jefferson University Philadelphia, PA. March 18, 1999.

Visiting Professor, University of Louisville. Demonstrated: 1) Laparoscopy Heller's Cardiomyotomy with Dor fundoplication and 2) Laparoscopic Incisional Herniorrhaphy Louisville, KY. May 3, 1999.

Advances in Solid Organ Laparoscopy. Visiting Professor Surgical Grand Rounds. University of Tennessee, Memphis, TN. May 24, 2000.

A New Approach to an Old Problem: Incisional Hernia. Visiting Professor Lecture. Southern Illinois University. Springfield, IL. October 12, 2000.

Solid Organ Laparoscopy. Surgical Grand Rounds, Southern Illinois University. Visiting Professor Lecture. Southern Illinois University. Springfield, IL. October 13, 2000.

Recent Advances in Solid Organ Laparoscopy. Surgical Grand Rounds, Visiting Professor Lecture. University of Minnesota. Minneapolis, MN. March 20, 2001.

"Laparoscopic Solid Organ Surgery". University of Shandong (sister University to U.K.). December 7, 2001; Jinan, China.

The Role of Laparoscopy in Surgery of the Pancreas. Visiting Professor Surgical Grand Rounds. Virginia Commonwealth University School of Medicine. April 18, 2002.

Beyond the Robot: The Challenge of MIS. Robotics in Medicine Symposium. Virginia Commonwealth University School of Medicine. Richmond, Virginia. April 18, 2002.

Laparoscopy in Surgery of the Pancreas. Surgical Grand Rounds, Visiting Professor. University of Louisville. Louisville, KY. December 6, 2002.

Laparoscopic Repair of Ventral Hernia. Cornell University Grand Rounds Series, Visiting Professor. April 21, 2003; New York, NY.

The Role of Laparoscopy in Surgery of the Pancreas. Visiting Professor Surgical Grand Rounds. State University of New York, Upstate Medical University. April 29, 2003; Syracuse, NY.

Laparoscopic Incisional Hernia Repair. Visiting Professor for the Resident Research Recognition Day. Fairview Hospital. Cleveland Clinic Foundation. June 6, 2003; Cleveland, Ohio.

New Vistas in Surgical Education. Visiting Professor Surgical Grand Rounds. Dartmouth-Hitchcock Medical Center. October 1, 2003; Lebanon, NH.

Frontiers in Surgery: Techniques, Technology & Tendonitis. Radiology Grand Rounds, University of Maryland. March 10, 2004; Baltimore, MD.

Update on Laparoscopic Colon Surgery. Visiting Professor Surgical Grand Rounds. St. Agnes HealthCare. October 27, 2004; Baltimore, MD.

OR of the Future. Visiting Professor Grand Rounds. Mercy Hospital. December 8, 2004; Baltimore, MD

Update on Colectomy. Visiting Professor Surgical Grand Rounds. Northwest Hospital. February 2, 2005; Baltimore, MD.

Update in Minimally Invasive G.I. Surgery. Visiting Professor. Chiang Mai University. February 16, 2005; Chiang Mai, Thailand.

GERD – the burning issues. Visiting Professor Grand Rounds. Ramathibodi Hospital, Mahidol University. February 18, 2005; Bangkok, Thailand.

Laparoscopic Pancreatic Surgery. Visiting Professor Grand Rounds. Medical College of Georgia. April 25, 2005; Augusta, Georgia.

“Skills Training in Surgical Programs – Imperative or a waste of time”. Safe Surgery Sydney06, Royal Australasian College of Surgeons. Visiting Professor Grand Rounds. May 16, 2005; Sydney, Australia.

Laparoscopic Pancreas Surgery. Visiting Professor Grand Rounds. University of Missouri-Columbia. June 15, 2005; Columbia, MO.

The Role of Laparoscopy in Surgery of the Pancreas. Visiting Professor Grand Rounds. North Shore Long Island Jewish Medical Center. December 15, 2005; New Hyde Park, NY.



“Update on treatment of GERD”. Visiting Professor Grand Rounds. New York University School of Medicine. May 3, 2006; New York, NY.

“The Operating Room of the Future: A Surgeon’s Perspective”. United States Army’s 28<sup>th</sup> Annual Meeting of Surgeons (keynote address). May 10, 2006; Silver Spring, MD.

“Training Surgeon’s for the Operating Room of The Future”. Visiting Professor Grand Rounds. University of Ottawa. June 28, 2006; Ottawa, Canada.

“Laparoscopic Incisional Hernia Repair”. Visiting Professor Grand Rounds. University of Ottawa. June 28, 2006; Ottawa, Canada.

“The Operating Room of the Future”. Visiting Professor Grand Rounds. The Montreal General Hospital. September 28, 2006; Montreal, Canada.

“The Operating Room of the Future”. Surgical Grand Rounds. University of Maryland. October 26, 2006; Baltimore, Maryland.

“The Operating Room of the Future”. Surgical Grand Rounds. Department of Surgery at The George Washington University Hospital. January 31, 2007; Washington, DC.

“The Operating Room of the Future”. Surgical Grand Rounds. WellSpan Health at York Hospital . February 9, 2007; York, PA.

“Working in and Training for the OR of the Future”. Reinsch Endowed Lectureship Grand Rounds, University of California, Davis. June 29, 2007; Sacramento, CA.

“MIS Pancreas Surgery”. Reinsch Endowed Lectureship, University of California, Davis. June 29, 2007; Sacramento, CA.

“Where are we with surgical simulation and why should you care?” Surgical Grand Rounds. University of Maryland. May 15, 2008; Baltimore, Maryland.

“Is NOTES Nuts?”. Visiting Professor, Grand Rounds, University of British Columbia Department of Surgery. June 17, 2009. Vancouver, BC.

“Surgery in the 21<sup>st</sup> Century Demands new Research and practice Focus”. Annual Residents’ Research Conference 2009. McMaster University , Department of Surgery. November 10-11, 2009; Hamilton Ontario, Canada.

“Update on Incisional Hernia Repair”. Visiting Professor, University of Nairobi and Kenya Hospital.. December 2, 2009; Nairobi, Kenya.

“Anatomy and Hernias of the Abdominal Wall”. Visiting Professor, Kikuyu Hospital. December 7, 2009; Kikuyu, Kenya.

“Update on Treatment of GERD”. Visiting Professor, University of Nairobi, Department of Surgery. February 16, 2010, Nairobi, Kenya.

“Foregut Hernia Surgery”. Grand Rounds, Visiting Professor, Inova Fairfax Hospital. March 3, 2010; Falls Church, VA.

“Is the Surgeon Safe?” Visiting Professor, “Zane Cohen Lecture” , Mount Sinai Hospital. September 23, 2010. Toronto, Canada.

“Surgical Simulation: Are we there yet?!” Visiting Professor,” Gerald Ujiki, MD Lectureship” Northwestern University Department of Surgery . October 21, 2010; Chicago, Illinois.

“Surgeon Health and Well Being” Visiting Professor, “2011 Lloyd M. Nyhus Memorial Lecture” University of Illinois Chicago. July 20, 2011; Chicago, Illinois.

“Is the Surgeon Safe?” Visiting Professor, Banner Good Samaritan Medical Center, December 20, 2012; Phoenix, AZ.

“When Surgeons Serve...” Visiting Professor, Rochester Marriot Mayo Clinic, April 28-30, 2013.

“The Operating Room of the Future: The Surgeon’s Workspace”, Children’s National Medical Center, January 11, 2013; Washington, DC.

“Is the Surgeon Safe?” Visiting Professor, Florida Hospital Orlando, September 27, 2013; Orlando, FL.

## **XX. Invited Lectureships**

"Laparoscopic Surgery Review". Family Practice Grand Rounds, St. Joseph's Hospital, Hamilton, Ontario, January 21, 1994.

"Laparoscopic Inguinal Hernia Repair". Advanced Laparoscopic Procedural Symposium, Hamilton, Ontario, June 22, 1994.

"Laparoscopic Incisional Hernia Repair". Advanced Laparoscopic Procedural Symposium, Hamilton, Ontario, June 22, 1994.

"Laparoscopic Adrenalectomy in Conn's Syndrome". Regional Nephrology Rounds, St. Joseph's Hospital, Hamilton, Ontario, January 13, 1995.

"Laparoscopic Splenectomy in the Immunocompromised Patient". Medical Grand Rounds, St. Joseph's Hospital, Hamilton, Ontario, January 18, 1995.

"Development and Experience with the Lateral Approach to Laparoscopic Splenectomy". Advanced Laparoscopic Procedural Symposium, Oakville, Ontario, June 13, 1995.

"The Technique of Laparoscopic Incisional Hernia Repair". Evening of Clinical Discussion, Baltimore, Maryland, November 6, 1995.

"Inguinal Herniorrhaphy in the Laparoscopic Era". Surgical Visions Symposium, Cincinnati, Ohio, November 27, 1995.

"Laparoscopic Incisional Herniorrhaphy". Surgical Visions Symposium, Cincinnati, Ohio, November 27, 1995.

"Laparoscopic Splenectomy". Surgical Visions Symposium, Cincinnati, Ohio, November 27, 1995.

"Review of Hamilton Experience with Laparoscopic Incisional Hernia Repair". Santa Clara County Surgical Society, San Jose, California, January 12, 1996.

"Review of Laparoscopic Inguinal Hernia Repair". Surgical Visions Symposium, Cincinnati, Ohio, January 29, 1996.

"Technique and Experience with Laparoscopic Incisional Herniorrhaphy". Surgical Visions Symposium, Cincinnati, Ohio, January 29, 1996.

"Review of Experience with Lateral Approach to Laparoscopic Splenectomy". Surgical Visions Symposium, Cincinnati, Ohio, January 29, 1996.

"Insulinoma". Surgical Grand Rounds, McMaster University Medical Centre, Hamilton, Ontario, April 3, 1996.

"Ventral Hernia Repair: Biomaterials and the Healing Process". Advanced Laparoscopic Surgery Workshop, The Cleveland Clinic Foundation, Cleveland, Ohio, April 19, 1996.

"Techniques of Laparoscopic Ventral Hernia Repair". Advanced Laparoscopic Surgery Workshop, The Cleveland Clinic Foundation, Cleveland, Ohio, April 19, 1996.

"Evaluation of Biomaterials in Hernia Repair. Advanced Laparoscopic Surgery Workshop". The Cleveland Clinic Foundation, Cleveland, Ohio, September 26, 1996.

"Hamilton Experience with Laparoscopic Ventral Hernia Repair". Advanced Laparoscopic Surgery Workshop, The Cleveland Clinic Foundation, Cleveland, Ohio, September 26, 1996.

"Laparoscopic Surgery - Here to Stay?". Second Egyptian International Congress on Laparoscopic Surgery, Cairo, Egypt, November 21, 1996. (keynote address)

"Application of the Harmonic Scalpel to Routine and Advanced Laparoscopic Procedures". Surgical Visions Symposium, Cincinnati, Ohio, January 13, 1997.

“Laparoscopic Versus Open Incisional Hernia Repair - A Retrospective Study”. European Institute for Telesurgery Seminar, Strasbourg, France, March 21-22, 1997.

“The Role of Laparoscopy in G.I. Disease”, Kentucky Tennessee G.I. Symposium. Lexington, Kentucky. Aug 29-31, 1997.

“Open vs. Laparoscopic Inguinal Hernia Repair”. American College of Surgeons - Kentucky Chapter. Louisville, Kentucky. Sept. 16, 1997.

“Laparoscopic Solid Organ Surgery”. American College of Surgeons - Kentucky Chapter. Louisville, Kentucky. Sept. 16, 1997.

“Laparoscopic Surgery-Past Present and Future” University of Kentucky Medical Grand Rounds. Nov 26, 1997

“Laparoscopic Incisional Herniorrhaphy - A Comparison Study”. American College of Surgeons - Kentucky Chapter. Lexington, Kentucky March 12-14, 1998.

“Indications for a Retrograde Approach to the Common Bile Duct”. Symposium - Common Bile Duct Stones: Detection and Treatment in the Era of Minimally Invasive Surgery. Seattle, Washington. April 4-5. 1998.

“Laparoscopic vs. Open Incisional herniorrhaphy”, Symposium on Laparoscopic Approach to Abdominal Wall Defects. Memphis, TN, May 8, 1998.

“MIS in the Elderly”, Fifteenth Annual Summer Series on Aging, Lexington, KY, June 29, 1998.

“Whither MIS: Laudable Technique or Worthy Discipline”?, Current Problems in General Surgery, Louisville, KY Oct. 9, 1998.

“Laparoscopic Pancreatic Surgery”. Advanced course in Laparoscopic Hepatobiliary and Pancreatic Surgery. IRCAD-EITS, Strasbourg, France Nov. 13-14, 1998.

“Minimally Invasive Therapies for Pancreatic Pseudocysts”. IRCAD-EITS, Strasbourg, France Nov. 13-14, 1998.

“Advances in MIS Technology”. Third Egyptian International and First Arab International Congress of Endoscopic Surgery. Nov. 23-26, 1998, Cairo, Egypt.

“Laparoscopic Incisional Herniorrhaphy - Series Update”. Third Egyptian International and First Arab International Congress of Endoscopic Surgery. Nov. 23-26, 1998, Cairo, Egypt.

“Laparoscopic vs. Open Ventral/Incisional Hernia Repair”. Course on Laparoscopic Ventral Hernia Repair. Carolinas Medical Center. Feb. 5, 1999; Charlotte, NC.

“Update on Minimally Invasive Surgery 30<sup>th</sup> Annual Family Medicine Review”. Feb. 24, 1999, Lexington, KY.

“Laparoscopic Splenectomy: The Lateral Approach. Laparoscopic Solid Organ Surgery: How, What, When and Why?” March 24, 1999 (SAGES) San Antonio, TX.

“Laparoscopic Ventral Hernia Repair. Incisional/Ventral Hernia Symposium”. Carolinas Medical Center. April 16, 1999; Charlotte, NC.

“Laparoscopic Adrenalectomy”. Laparoscopic Solid Organ Symposium. Carolinas Medical Center. April 17, 1999; Charlotte, NC

“Five Year Experience with Laparoscopic Incisional Herniorrhaphy”. Invited Lecture. American College of Surgeons - Minnesota Chapter Annual meeting. April 24, 1999; St. Paul, MN.

“Laparoscopic Donor Nephrectomy”. Troisieme Congres International de Coelio - Chirurgie. May 19-21, 1999; Tunis, Tunisia.

“Update on Laparoscopic Splenectomy”. Troisieme Congres International de Coelio - Chirurgie. May 19-21, 1999; Tunis, Tunisia.

“Laparoscopic Surgery of the Pancreas”. Troisieme Congres International de Coelio - Chirurgie. May 19-21, 1999; Tunis, Tunisia.

“Update on Minimally Invasive Surgery”. 30<sup>th</sup> Annual Family Medicine Review. May 26, 1999; Lexington, KY.

“Update on G.I. Minimally Invasive Surgery”. American College of Gastroenterology Regional Post Graduate Course. June 12-13, 1999; Louisville, KY.

“Minimally Invasive Surgery for GI Disease”. 7<sup>th</sup> Annual SGNA Multi-Regional Conference. September 24-25, 1999; Lexington, KY.

“Laparoscopic Splenectomy and strategies for the Management of the Big Spleen: When Do the Benefits of Laparoscopic Splenectomy Diminish?” Minimal Access Surgery: Difficult Problems. Postgraduate course, American College of Surgeons. Oct. 12-13, 1999; San Francisco, CA.

“Laparoscopic Splenectomy: A Round Table Discussion.” Contemporary Surgery Symposium. Oct. 13, 1999; San Francisco, CA.

“Advances in Minimally Invasive Surgery”. Annual Family Review, Nov. 10, 1999; Lexington, KY.

“Techniques of Laparoscopic Ventral Hernia Repair.” (Course Director) Laparoscopic Ventral Hernia Course. Nov. 12, 1999; Lexington, KY.

“Minimally Invasive Surgery for Non Colonic GI Cancer”. Symposium on Advances in Minimally Invasive GI Cancer Therapy. Nov. 12, 1999; Lexington, KY.

“Biomaterials in Abdominal Wall Reconstruction”. Ventral Hernia Symposium. Nov. 19, 1999; Charlotte, N.C.

“Technique and Results of Laparoscopic Incisional Hernia Repair”. Laparoscopic Incisional/Ventral Hernia Symposium. Mt. Sinai Medical Center. Dec. 3, 1999; New York, NY.

“Laparoscopic Splenectomy - Surgical Techniques”. Symposium on Splenic Surgery. Carolinas Medical Center. Dec. 9, 1999; Charlotte, NC.

“Management of Incisional and Inguinal Hernias”. KENYA 2000: 21st International Conference Continuing Medical and Dental Education. Feb. 10-17, 2000; Nairobi Kenya.

“Surgical Approaches to Disorders of the Spleen”. KENYA 2000: 21<sup>st</sup> International Conference Continuing Medical and Dental Education. Feb. 10-17, 2000; Nairobi Kenya.

“Diagnosis and Treatment of Surgical Diseases of the Adrenal Gland”. KENYA 2000: 21<sup>st</sup> International Conference Continuing Medical and Dental Education. Feb. 10-17, 2000; Nairobi, Kenya.

“Management of Gall Bladder and Common Bile Duct Stone”. KENYA 2000: 21<sup>st</sup> International Conference Continuing Medical and Dental Education. Feb. 10-17, 2000; Nairobi, Kenya.

“Minimally Invasive Surgery Education: New Challenges and Technologies”. University of Kentucky Center for Excellence in Medical Education Grand Rounds. March 6, 2000; Lexington, KY.

“Applications of Minimally Invasive Surgery: Current and Future”. Minimally Invasive Surgery Nursing - Meeting Perioperative Challenges in the Millennium. March 19-20, 2000; Lexington, KY.

“Solid Organ Laparoscopy - An Overview. Innovations in General Surgery”. March 20-25, 2000; Lake Buena Vista, FL.

“Laparoscopic Incisional Herniorrhaphy - the Technique”. Emory University Ventral Incisional Hernia Symposium. March 28, 2000; Atlanta, GA.

“Laparoscopic Ventral Hernia: Experience to Date”. Hernia: Current Controversies (SAGES) April 1, 2000; Atlanta, GA.

“Laparoscopic Incisional Herniorrhaphy- The Data”. University of Kentucky Symposium on Ventral Incisional Hernias. April 14, 2000; Lexington, KY.

“Current and Future Applications of Minimally Invasive Surgery”. University of Kentucky MIS Nursing Conference. May 19-20, 2000; Lexington, KY.

“Indications et resultants des cures d'evantration sous laparoscopie”. Video-Forum de Chirurgie Digestive. May 29-30, 2000; Toulouse, France.

Co-Chairman, First Annual MIS Fellowship Fundamentals Conference. September 14-16, 2000; Flagstaff, AZ.

“Laparoscopic Ventral/Incisional Hernia Repair - Technique and Results”. First Annual MIS Fellowship Fundamentals Conference. September 14-16, 2000; Flagstaff, AZ.

“Team building in MIS”. First Annual MIS Fellowship Fundamental Conference. September 14-16, 2000; Flagstaff, AZ.

“Laparoscopic Ventral Hernia Repair”. Kentucky Chapter of the American College of Surgeons. September 19, 2000; Louisville, KY.

“Minimally Invasive Surgery of Solid Organs - an Update”. Hardin Memorial Hospital Grand Rounds - September 23, 2000; Elizabethtown, KY.

“Laparoscopic Surgery of the Spleen”. Session Co-Chair, World Congress of High Tech. Medicine. October 18, 2000; Hanover, Germany.

“Laparoscopic Nissen Fundoplication” - Chair Telesurgical Session. American College of Surgeons - Exhibition Hall. October 23, 2000; Chicago, IL.

“Laparoscopic Incisional Herniorrhaphy - Technique and Results”. American College of Surgeons - Exhibition Hall. October 25, 2000; Chicago, IL.

“Laparoscopic Ventral Hernia – Techniques”. UK Center for MIS Symposium on Ventral Hernia. November 3, 2000; Lexington, KY.

“Laparoscopic Ventral Hernia - Technique and Outcomes”. Carolinas Medical Center Ventral Hernia Course. November 10, 2000. Charlotte, NC.

“What's New in G.I. Cancer? Minimally Invasive Treatment Options for Invasive Disease”. (Program Chair) November 17, 2000; Lexington, KY.

“Indications and Limitations of Laparoscopic Splenectomy”. CMAS Solid Organ Symposium. December 1, 2000; Hamilton, ON.

“Laparoscopic Distal Pancreatectomy”. CMAS Solid Organ Symposium. December 1, 2000; Hamilton, ON.

“Incisional Herniorrhaphy - The Laparoscopic Option “. Annual Controversies in Surgery (Montefiore) conference. December 8, 2000; New York, NY.

“Technique of Laparoscopic Ventral Herniorrhaphy”. Mt. Sinai Hernia symposium (via telemedicine) December 15, 2000; New York, NY.

“Laparoscopic Incisional Herniorrhaphy – Techniques”. Carolinas Medical Center. Ventral Hernia Symposium. January 19, 2001; Charlotte, NC.

“Minimally Invasive Approaches to Esophogastric Cancer”. The Ohio State University Advances in General Surgery 2001 Conference. Feb 2-4, 2001; Captiva Island, FL.

“New Approaches to Ventral Herniorrhaphy”. The Ohio State University Advances in General Surgery 2001 Conference. Feb 2-4, 2001; Captiva Island, FL.

“Gall Bladder and Bile Duct Stone Disease”. Thailand 2001: 22<sup>nd</sup> International Conference in CMDE. February 19 – March 1, 2001; Chiang Mai, Thailand.

“Surgical Management of Disorders of the Spleen”. Thailand 2001: 22<sup>nd</sup> International Conference in CMDE. February 19 – March 1, 2001; Chiang Mai, Thailand.

“Inguinal and Incisional Hernias and Herniorrhaphy”. Thailand 2001: 22<sup>nd</sup> International Conference in CMDE. February 19 – March 1, 2001; Chiang Mai, Thailand.

“The Effectiveness of Communication Technology on Surgical Education”. SAGES Education Lunch Symposium. April 20, 2001, St. Louis, Missouri.

“Advances in Minimally Invasive Surgery”. Central Kentucky A.O.R.N. Chapter Meeting. April 23, 2001; Lexington, Kentucky.

“Laparoscopic Incisional Hernia Repair”. MUSC Postgraduate Course on Surgery. April 25 – 27, 2001; Charleston, South Carolina.

“Laparoscopic Colon Surgery”. MUSC Postgraduate Course on Surgery. April 25 –27, 2001; Charleston, South Carolina.

“Laparoscopic Pancreatic Surgery”. MUSC Postgraduate Course on Surgery. April 25 – 27, 2001; Charleston, South Carolina.

“Laparoscopic Incisional Herniorrhaphy: Outcomes”. Yale University Hernia Symposium. May 9, 2001; Broadcast via Telemedicine from Lexington, Kentucky.

“The Challenge of Teaching, Training and Establishing Competencies in New Surgical Techniques”. Catholic Risk Management Forum Annual Conference. May 17 – 19, 2001; Tampa, Florida.



“A New Approach to an Old Problem: Ventral Hernia”. University of Pittsburgh Hernia Symposium. June 16, 2001; Pittsburgh, PA.

“Laparoscopic Incisional Hernia Repair: Techniques and Outcomes”. Mt. Sinai Hernia Symposium. June 21, 2001; New York, NY.

“Metrics for Objective Assessment of Surgical Skills Workshop: Developing Quantitative Measurements through Surgical Simulation”. Invited Participant. July 9-10, 2001; Scottsdale, AZ.

“Second Annual MIS Fellowship Fundamentals Conference”. Co-Chairman. August 23-25, 2001; Sedona, AZ.

“Laparoscopic Incisional Herniorrhaphy: Techniques & Outcomes”. University of Kentucky Hernia Symposium. September 14, 2001; Lexington, Kentucky.

“Laparoscopic Splenectomy: Minimal Access Surgery-Solid Organ Surgery Update”. Post Graduate Course. American College of Surgeons. October 8-11, 2001; New Orleans, LA.

“Laparoscopic Ventral Herniorrhaphy”. American College of Surgeons Exhibition Hall. October 9, 2001; New Orleans, LA.

“Laparoscopic Nissen Fundoplication – Live Telesurgery”. American College of Surgeons Exhibition Hall. October 11, 2001; New Orleans, LA.

“Update on Incisional Herniorrhaphy”. Advanced Course in Laparoscopic Ventral Hernia Repair. October 19-20, 2001; South Hampton, NY.

“Laparoscopic Ventral Herniorrhaphy: Potential Pitfalls/Suggested Solutions: Potential Pitfalls/Suggested Solutions”. Advanced Course in Laparoscopic Ventral Hernia Repair. October 19-20, 2001; South Hampton, NY.

Panelist: Clinical Roundtable Introductory Remarks and Questions/Answers. Telehealth in Kentucky Conference. November 7, 2001; Frankfort, KY.

“Advanced Surgical Devices”. O.R. of the Future – A Strategy Development Forum. November 8 & 9, 2001; Baltimore, MD.

“Trends and Trials in Minimally Invasive Surgery” Charlotte Surgical Society. November 15, 2001; Charlotte, NC.

“Outcomes of Laparoscopic Ventral Herniorrhaphy” Mt.Sinai Incisional/Ventral Hernia Conference. (via teleconference) November 29, 2001; NY, NY.

“The Surgical Treatment of GERD”. 3<sup>rd</sup> Annual MIS Symposium – GERD: The Burning Issues. November 30, 2001; Lexington, KY

3<sup>rd</sup> Annual MIS Symposium – GERD: The Burning Issues. Conference Organizer and Co-chair. November 30, 2001; Lexington KY

“New Vistas in Minimally Invasive Surgery”. National University of Singapore. December 3, 2001; Singapore.

“Laparoscopic Inguinal Hernia Repair – an Update”. Laparoscopic Surgery Symposium. Second Medical University of Shanghai. Ruijin Hospital. December 6, 2001; Shanghai, China.

“Pathophysiology and Surgical Treatment of GERD” Laparoscopic Surgery Symposium. Second Medical University of Shanghai. Ruijin Hospital. December 6, 2001; Shanghai, China.

Demonstrated Laparoscopic Inguinal Herniorrhaphy and Laparoscopic Nissen Fundoplication. Laparoscopic Surgery Symposium. Second Medical University of Shanghai. Ruijin Hospital. December 6, 2001; Shanghai, China.

“Laparoscopic Incisional/Ventral Herniorrhaphy”. University of Kentucky Center for MIS Hernia Symposium. December 14, 2001; Lexington, KY.

“Results and Outcomes of Laparoscopic Repair of Recurrent Incisional Hernias”. Carolinas Medical Center Ventral Hernia Course. January 18, 2002; Charlotte, NC.

“Laparoscopic Distal Pancreatectomy”. Center for Minimal Access Surgery Course on Solid Organ Laparoscopy. January 25, 2002; Hamilton, Ontario Canada.

Demonstrated Laparoscopic (Right) Adrenalectomy (via telesurgery). Center for Minimal Access Surgery Course on Solid Organ Laparoscopy. January 25, 2002; Hamilton, Ontario Canada.

Demonstrated Laparoscopic Nissen Fundoplication (via telesurgery). Southeastern Surgical Congress, Post Graduate Course. February 1, 2002; Nashville, TN.

“New Directions in MIS”. Center for Integration of Medicine and Innovative Technology (CIMIT)/Massachusetts General Hospital Forum. February 5, 2002; Boston, MA

“Principles of Minimally Invasive Surgery”. 23<sup>rd</sup> International Conference in Continuing Medical and Dental Education. February 11-21, 2002; Nairobi, Kenya.

“Update on the Treatment of GERD”. 23<sup>rd</sup> International Conference in Continuing Medical and Dental Education. February 11-21, 2002; Nairobi, Kenya.

“Laparoscopic Surgery of the Colon”. 23<sup>rd</sup> International Conference in Continuing Medical and Dental Education. February 11-21, 2002; Nairobi, Kenya.

“Techniques and Results to Date”. Mt. Sinai Laparoscopic Ventral Hernia Repair Workshop”. March 11, 2002; New York, NY.

- “Outcomes and Complications of Ventral Hernia Repair”. SAGES/Suny Downstate Medical Center Course on Laparoscopic Inguinal and Ventral Hernia Repair. March 12, 2002; New York, NY.
- “Laparoscopic Approach to Incisional Hernia”. Advanced Course in Laparoscopic Hernia Repair. IRCAD/EITS. April 26-27, 2002; Strasbourg, France.
- “Progress in Hernia Repair Parts I & II” Session Chair. Advanced Course in Laparoscopic Hernia Repair. IRCAD/EITS. April 26-27, 2002; Strasbourg, France.
- “Live Surgery Demonstration – Inguinal Hernia Repair” Chairman. Advanced Course in Laparoscopic Hernia Repair. IRCAD/EITS. April 26-27, 2002; Strasbourg, France.
- “New Developments in Laparoscopic Colorectal Surgery”. Association Des Chirurgiens Generaux Du Quebec 33 Congres Annuel. May 23-25, 2002; Montreal, Quebec.
- “New Vistas in Minimally Invasive Surgery”. (keynote address) Association Des Chirurgiens Generaux Du Quebec 33 Congres Annuel. May 23-25, 2002; Montreal, Quebec.
- “Laparoscopic Inguinal Hernia Repair”. The Great Hernia Debate. (keynote address) Portland Surgical Society-55<sup>th</sup> Annual Meeting. Providence St. Vincent Medical Center. May 31, 2002; Portland, Oregon.
- “Advances in Laparoscopic Incisional Herniorrhaphy”. Tan Toch Seng Hospital Hernia Symposium. July 5-6, 2002; Singapore.
- “Advances in Biomaterials for Ventral Herniorrhaphy”. Tan Toch Seng Hospital Hernia Symposium. July 5-6, 2002; Singapore.
- “The Challenging Ventral Hernia”. Advanced LVH – an Evening of Clinical Discussion. August 1, 2002; Louisville, Kentucky.
- Third Annual Minimally Invasive Surgery Fellowship Conference: Indications & Outcome”. Co-Chairman. August 22-24, 2002; Phoenix, Arizona.
- “The Role of Laparoscopy in Surgery of the Pancreas”. Department of Surgery 2002 Grand Rounds University of Kentucky. September 11, 2002; Lexington, Kentucky.
- “Laparoscopic Incisional Herniorrhaphy: Outcomes & Biomaterial”. Laparoscopic Incisional Herniorrhaphy Course. September 21, 2002; Mount Sinai Hospital, Toronto, Ontario.
- “Techniques and Outcomes”. University of Kentucky Center for Minimally Invasive Surgery Laparoscopic Incisional Herniorrhaphy Workshop. September 27, 2002; Lexington, Kentucky.

“Laparoscopic Incisional Hernia” Live Telesurgery. University of Kentucky Center for Minimally Invasive Surgery Laparoscopic Incisional Herniorrhaphy Workshop. September 27, 2002; Lexington, Kentucky.

“Laparoscopic Splenectomy: Approaches, Pearls, and Pitfalls”. Minimal Access Surgery Solid Organ Postgraduate Course. American College of Surgeons Annual Clinical Congress. October 9, 2002; San Francisco, CA.

“Ventral Hernia A Fresh Look at a Familiar Problem”. Chair, SAGES/SSAT Joint Symposium. American College of Surgeons Annual Clinical Congress. October 9, 2002; San Francisco, CA.

“Laparoscopic Pancreatic Surgery”. Duke Endosurgery. Laparoscopic Solid Organ Surgery Course. October 19, 2002; Asheville, NC.

“Laparoscopic Splenectomy Tips and Techniques”. Duke Endosurgery. Laparoscopic Solid Organ Surgery Course. October 19, 2002; Asheville, NC.

“Using Simulations in Surgical Resident Education”. Association of American Medical Colleges. November 12, 2002; San Francisco, CA.

“Laparoscopic Splenectomy for ITP”. 2002 Update Course in Minimally Invasive Surgery. St. Michael’s Hospital. November 15, 2002; Toronto, Canada.

“Laparoscopic Incisional Hernia Repair”. Royal College of Physicians and Surgeons of Canada Lecture (keynote address). November 15, 2002; Toronto, Canada.

“Laparoscopic Ventral Hernia Repair”. (Course Director) University of Kentucky Center for Minimally Invasive Surgery Laparoscopic Incisional Herniorrhaphy Workshop. November 22, 2002; Lexington, Kentucky.

“What’s New in the Surgical Rx of IBD Patient?” 4<sup>th</sup> Annual MIS Symposium – Inroads in Inflammatory Bowel Disease: Surgical and Medical Advances in the Management of Crohn’s Disease and Ulcerative Colitis. December 13, 2002; Lexington, Kentucky.

4<sup>th</sup> Annual MIS Symposium – Inroads in Inflammatory Bowel Disease: Surgical and Medical Advances in the Management of Crohn’s Disease and Ulcerative Colitis. Conference Organizer and Co-chair. December 13, 2002; Lexington, Kentucky.

“Solid Organs: Spleen and Adrenal”. Difficult Problems and Complication of Laparoscopy and Endoscopy. Southeastern Surgical Congress, Post Graduate Course. February 8, 2003; Savannah, Georgia.

“Principles of Laparoscopy/Getting Started”. 24<sup>th</sup> International Conference in Continuing Medical and Dental Education. February 17-27, 2003; Thailand.

“New Directions in Surgery Training: Tech & Turf”. 24<sup>th</sup> International Conference in Continuing Medical and Dental Education. February 17-27, 2003; Thailand.

“GE Reflux Update – burning issues”. 24<sup>th</sup> International Conference in Continuing Medical and Dental Education. February 17-27, 2003; Thailand.

“Laparoscopic Colon Surgery”. 24<sup>th</sup> International Conference in Continuing Medical and Dental Education. February 17-27, 2003; Thailand.

“Hernia” SAGES unedited video session: complications in laparoscopic. SAGES and IPEG. March 10-15, 2003; Los Angeles, CA.

SAGES Postgraduate Course – Laparoscopic Hernia. Course Chair. SAGES and IPEG. March 10-15, 2003; Los Angeles, CA.

“Update and Outcomes: Laparoscopic Ventral Hernia Repair”. HMS Belfast - an Evening of Clinical Discussion. June 19-21, 2003; London, United Kingdom.

“Fourth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference”. Co-Chairman. August 21-24, 2003; Flagstaff, AZ.

“Minimally Invasive Surgery: The view from 30,000 feet”. Fourth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 21-24, 2003; Flagstaff, AZ.

“Laparoscopic Ventral Hernia Repair”. Fourth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 21-24, 2003; Flagstaff, AZ.

“Reviewing A Manuscript Can Be Fun And Enlightening (and reduces cavities)”. Fourth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 21-24, 2003; Flagstaff, AZ.

“Everything you every wanted to know about a successful Minimally Invasive Surgery Fellowship”. Fourth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 21-24, 2003; Flagstaff, AZ.

Thirteenth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference”. Co-Chairman. August 22-26, 2012; Sedona, AZ.

“When Surgeons Serve”. Thirteenth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 22-26, 2012; Sedona, AZ.

“Negotiating Your Contract – When to Hold & When to Fold!” Thirteenth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 22-26, 2012; Sedona, AZ.

“Techniques and Outcomes of Laparoscopic Incisional Herniorrhaphy”. Carolinas Laparoscopic Ventral And Advanced Surgery Program. September 12, 2003; Charlotte, NC.

“Bio-Material in Ventral Herniorrhaphy”. Laparoscopic Incisional Herniorrhaphy Course. September 13, 2003; Mount Sinai Hospital, Toronto, Ontario.

“Laparoscopic Ventral Hernia Repair: update & outcomes ”. Laparoscopic Incisional Herniorrhaphy Course. September 13, 2003; Mount Sinai Hospital, Toronto, Ontario.

“Managing Complications of Incisional Hernia Repair”. Minimal Access Surgery Post Graduate Course. American College of Surgeons Annual Clinical Congress. October 22, 2003; Chicago, IL.

“They also serve...Medical Ministry Opportunities Where You Least Expect to Find Them”. Global Missions Health Conference. November 8, 2003; Louisville, KY.

Surgical Simulation – Systems, Assessment & Validation: Panel Discussion: Surgical Simulation Conference Summary. The 12<sup>th</sup> Annual Medicine Meets Virtual Reality Conference. January 14-17, 2004; Newport Beach, CA.

Annual Scientific Meeting – Gold Medal Forum Paper (Discussant). Southeastern Surgical Congress. January 31-February 3, 2004; Atlanta, Georgia.

“Reoperative Inguinal Hernia”. Laparoscopic Ventral Hernia Repair course: Facts and Figures: Reoperative Surgery. 9<sup>th</sup> World Congress of Endoscopic Surgery. February 2-7, 2004; Cancun, Mexico.

“Options in Prosthetic Titanium PPM Mesh”. Laparoscopic Ventral Hernia Repair course Surgery. 9<sup>th</sup> World Congress of Endoscopic Surgery. February 2-7, 2004; Cancun, Mexico.

“Ventral Hernia Repair in the Morbidly Obese”. Laparoscopic Ventral Hernia Repair course Surgery. 9<sup>th</sup> World Congress of Endoscopic Surgery. February 2-7, 2004; Cancun, Mexico.

“Are we any closer to a consensus?” Advanced LVH – an Evening of Clinical Discussion. March 11, 2004; Baltimore, Maryland.

“Who is The MISFC Council and Why Should You Care? Brief History of MISFC”. Primer on establishing and running a MIS/GI Fellowship program. SAGES 2004 Scientific Session & Postgraduate Courses. March 31 - April 3, 2004; Denver, Colorado.

“Laparoscopic Approaches to Pancreatic Tumors”. Minimally Invasive Surgery in HPB Tumors - Postgraduate Course IV. SAGES 2004 Scientific Session & Postgraduate Courses. March 31 – April 3, 2004; Denver, Colorado.

“Creating a MIS Journal”. SAGES Allied Health Professionals Course (Nursing). SAGES 2004 Scientific Session & Postgraduate Courses. March 31 – April 3, 2004; Denver, Colorado.

- “The Argument for Laparoscopic Repair of Incisional Hernia”. Panel 6: Pros and Cons: Issues in General Surgery. SAGES 2004 Scientific Session & Postgraduate Courses. March 31 – April 3, 2004; Denver, Colorado.
- “Incisional Hernia: New approach to an old problem”. University of Maryland Surgical Grand Rounds. April 8, 2004; Baltimore, Maryland.
- “Anti-reflux surgery: the cutting edge”. Gastroesophageal Reflux Disease: Burning Issues for the PCP. University of Kentucky Symposium. April 17, 2004; Lexington, Kentucky.
- “Laparoscopic Incisional Hernia Repair”. Minimal Access Surgery Post Graduate Course. American College of Surgeons Spring Meeting (Teleporting). April 24, 2004; Boston, MA.
- “Laparoscopic Inguinal Hernia Repair – TEPP (anatomy and technique)”. Centre for Minimal Access Surgery Laparoscopic Hernia & Ventral Hernia Surgery Symposium. April 30 – May 1, 2004; Hamilton, Ontario.
- “Laparoscopic Ventral Hernia Repair”. Centre for Minimal Access Surgery Laparoscopic Hernia & Ventral Hernia Surgery Symposium. April 30 – May 1, 2004; Hamilton, Ontario.
- “Complications of Ventral Hernia Repair”. Centre for Minimal Access Surgery Laparoscopic Hernia & Ventral Hernia Surgery Symposium. April 30 – May 1, 2004; Hamilton, Ontario.
- “Dealing with Infected Mesh”. Centre for Minimal Access Surgery Laparoscopic Hernia & Ventral Hernia Surgery Symposium. April 30 – May 1, 2004; Hamilton, Ontario.
- “Laparoscopic Approach to Incarcerated Hernia”. Centre for Minimal Access Surgery Laparoscopic Hernia & Ventral Hernia Surgery Symposium. April 30 – May 1, 2004; Hamilton, Ontario.
- “Laparoscopic Ventral Repair – Why should we do it this way?”. Advanced Hernia Repair: A Surgical Symposium. May 8, 2004; Farmington, PA.
- “Laparoscopic Repair of Ventral Hernias: The Evidence”. 57<sup>th</sup> Annual Spring Meeting. British Columbia Surgical Society. May 13-15, 2004; Kelowna, BC.
- “Options for Bariatric Surgery”. 30<sup>th</sup> Annual Family Medicine Review Course. University of Maryland School of Medicine. June 27 – July 2, 2004; Ocean City, MD.
- “Laparoscopic inguinal/ventral hernia” SAGES Resident Workshop. Gastrointestinal Endoscopy & Laparoscopy: An introduction for surgeons. August 12-13, 2004; Cincinnati, Ohio.
- Fifth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. Co-Chairman. August 19-22, 2004; Flagstaff, AZ.

“Laparoscopic Ventral Hernia Repair”. Fifth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 19-22, 2004; Flagstaff, AZ.

“Changing Faces of Industry & Academic Partnership? How to make the most of industry relationships”. Fifth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 19-22, 2004; Flagstaff, AZ.

“Priorities and Team Building”. Fifth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 19-22, 2004; Flagstaff, AZ.

“Laparoscopic Ventral Hernia Repair: Expert Advice” Canadian Surgery Forum. September 8-9, 2004; Westin Ottawa, Ottawa.

“MIS Training for the Community Surgeon: How will This Happen?” Canadian Surgery Forum. September 8-9, 2004; Westin Ottawa, Ottawa.

“Laparoscopic Ventral Hernia – Live Telesurgery. 2004 Diverse Surgeons Initiative Course Part II. September 14, 2004; Cincinnati, Ohio.

“Developing a Center for Minimally Invasive Surgery: Lessons Learned”. Taiwan Surgical Associates Seminar. September 29-October 1, 2004; Taipei, Taiwan.

“Laparoscopic Fundoplication Telesurgery Moderator”. Taiwan Surgical Associates Seminar. September 29-October 1, 2004; Taipei, Taiwan.

“Case D: Massive Splenomegaly”. Vexing Problems in Minimally Invasive Surgery: Evidence Experience, and Innovation. American College of Surgeons 90<sup>th</sup> Annual Clinical Congress. October 10-14, 2004; New Orleans, Louisiana.

“Laparoscopic Ventral Hernia Repair: Indication and Limitations”. Ventral Hernia/Abdominal reconstruction session. American College of Surgeons 90<sup>th</sup> Annual Clinical Congress. October 10-14, 2004; New Orleans, Louisiana.

“The Surgeon’s Perspective”. Operating Room of the Future. American College of Surgeons 90<sup>th</sup> Annual Clinical Congress. October 10-14, 2004; New Orleans, Louisiana.

“Ventral Hernia: Principles of Repair”. Ventral Hernia Repair Symposium. University of Washington School of Medicine. November 5, 2004; Seattle, Washington.

“Laparoscopic Ventral Hernia Repair: Techniques & Outcomes”. Ventral Hernia Repair Symposium. University of Washington School of Medicine. November 5, 2004; Seattle, Washington.

“Laparoscopic Ventral Hernia Repair – Techniques Update”. Laparoscopic Ventral and Incisional Herniorrhaphy Workshop. Carolinas Medical Center. December 10, 2004; Charlotte, NC.



American Hernia Society Scientific Session – Moderator. American Hernia Society. February 9-12, 2005; San Diego, California.

“Obturator/Sciatic Hernia Repair”. American Hernia Society. February 9-12, 2005; San Diego, California.

“Techno Tour: Scopes and Robots in Surgery”. 25<sup>th</sup> International Conference in Continuing Medical and Dental Education. February 14-24, 2005; Thailand.

“New Developments in Laparoscopic Colorectal Surgery”. 25<sup>th</sup> International Conference in Continuing Medical and Dental Education. February 14-24, 2005; Thailand.

“Laparoscopic Ventral Hernia Repair: Techniques and Outcomes”. Association of VA Surgeons 29<sup>th</sup> Annual Meeting. March 11-13, 2005; Salt Lake City, Utah.

Ventral Hernia Repair Pre-Meeting Symposium – Moderator. Association of VA Surgeons 29<sup>th</sup> Annual Meeting. March 11-13, 2005; Salt Lake City, Utah.

“Biomaterials”. Advanced Laparoscopic Skills/Laparoscopic Ventral Hernia Symposium. Uniformed Services University of the Health Sciences. April 1, 2005; Bethesda, Maryland.

“Dealing with Complications”. Advanced Laparoscopic Skills/Laparoscopic Ventral Hernia Symposium. Uniformed Services University of the Health Sciences. April 1, 2005; Bethesda, Maryland.

“Laparoscopic Fundoplication”. Advanced Laparoscopic Skills/Laparoscopic Ventral Hernia Symposium. Uniformed Services University of the Health Sciences. April 1, 2005; Bethesda, Maryland.

SAGES/Fellowship Council Symposia – Toward the Ideal Fellowship. Co-Director. SAGES. April 13-16, 2005; Fort Lauderdale, Florida.

“Smart Image” approach to Solid Organ Resection”. SAGES 2005 Solid Postgraduate Course. April 13-16, 2005; Fort Lauderdale, Florida.

“Tissue Transection and Bowel Anastomosis”. American College of Surgeons 33<sup>rd</sup> Annual Spring Meeting. April 16-29, 2005; Fort Lauderdale, Florida.

“Laparoscopic Incisional Herniorrhaphy”. An Evening of Clinical Discussion. May 13, 2005; Perth, Australia.

“History & Evolution of Laparoscopic Ventral/Incisional Hernia Repair”. Laparoscopic Ventral and Incisional Hernia Workshop. May 14, 2005; Perth, Australia.

“Material Comparisons & Review of Literature”. Laparoscopic Ventral and Incisional Hernia Workshop. May 14, 2005; Perth, Australia.

“Laparoscopic techniques – a step by step approach”. Laparoscopic Ventral and Incisional Hernia Workshop. May 14, 2005; Perth, Australia.

“Evolution to the laparoscopic approach. Biomaterial comparison”. Safe Surgery Sydney 06, Royal Australasian College of Surgeons -Ventral & Incisional Hernia Workshop. May 17, 2005; Sydney, Australia.

“Laparoscopic technique – a step by step approach”. Safe Surgery Sydney06, Royal Australasian College of Surgeons -Ventral & Incisional Hernia Workshop. May 17, 2005; Sydney, Australia

“A Laparoscopic Approach to Abdominal Wall Defects”. Laparoscopic Incisional Herniorrhaphy - an Evening of Clinical Discussion. May 18, 2005; Melbourne, Australia.

“OR of the Future”. Baltimore Academy of Surgery Meeting. June 2, 2005; Lutherville, Maryland.

“The Operating Room of the Future: A Surgeon’s Perspective”. University of Maryland Baltimore County GI Seminar. June 3, 2005; Baltimore, Maryland.

“Laparoscopic Ventral Hernia Repair – Why do it?”. Advanced Hernia Repair: A Surgical Symposium. June 4, 2005; Farmington, PA.

“A Novel Method for the Creation of Gastrointestinal Anastomosis: Application of a New Device in an Animal Model”. 22<sup>nd</sup> Annual Meeting American Society for Bariatric Surgery. June 26- July 1, 2005; Orlando, Florida.

Sixth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. Co-Chairman. August 17-21, 2005; Flagstaff, AZ.

“Surgical Leadership and Team Building”. Sixth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 17-21, 2005; Flagstaff, AZ.

“Everything you ever wanted to know about a successful Fellowship”. Sixth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 17-21, 2005; Flagstaff, AZ.

“Laparoscopic Ventral Hernia Repair”. Sixth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 17-21, 2005; Flagstaff, AZ.

“The Operating Room of the Future”. Sixth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 17-21, 2005; Flagstaff, AZ.

“Hernia and the Abdominal Wall”. Clinical Correlation 1<sup>st</sup> year Gross Anatomy - University of Maryland. September 15, 2005; Baltimore, Maryland

“Laparoscopic Ventral Hernia Repair”. Evening of Clinical Discussion. September 16, 2005; Vancouver, BC.

“Results and Long-Term Outcomes”. Laparoscopic Ventral Hernia Repair Course. Mount Sinai Minimally Invasive Surgery Center. September 23, 2005; NY, New York.

“General Surgery: A Look Ahead”. MIS Global Meeting, Future of MIS. October 5, 2005; Lafayette Hill, PA.

“Thoracoabdominal Incisional Hernia”. Abdominal Wall Hernia Symposium. American College of Surgery. October 16-20, 2005; San Francisco, CA.

“What’s New in Surgical Fellowship Training”. (Course Director) Fellowship Council Symposium. American College of Surgery. October 16-20, 2005; San Francisco, CA.

Panelist: Symposium Roundtable Panel. OR of the future, Contemporary Surgery. American College of Surgery. October 16-20, 2005; San Francisco, CA.

“Incisional Hernia Repair: Laparoscopy or Open?” (Webcast) What’s Proven, What’s Not. American College of Surgery. October 16-20, 2005; San Francisco, CA.

“Update on MIS Inflammatory Bowel Disease” Advances in Inflammatory Bowel Disease: A Case-Based Approach. University of Maryland Medicine. November 18, 2005; Baltimore, MD.

“Innovations in Surgery”. Advances in Enabling Technologies for Surgery Workshop. The 14<sup>th</sup> Annual Medicine Meets Virtual Reality conference. January 24-27, 2006; Long Beach, California.

“Laparoscopic Ventral Hernia Repair”. Advanced Symposium on Laparoscopic Ventral Herniorrhaphy. January 28, 2006; Macungie, PA.

“Operating Room of the Future”. Continuing Medical & Dental Education Conference XXVII. February 6-16, 2006, Brackenhurst, Kenya.

“GERD”. Continuing Medical & Dental Education Conference XXVII. February 6-16, 2006, Brackenhurst, Kenya.

“Role Laparoscopy in Pancreas Surgery”. Continuing Medical & Dental Education Conference XXVII. February 6-16, 2006, Brackenhurst, Kenya.

“Overview of Minimally Invasive GI Surgery”. Nairobi Hospital Grand Rounds. February 16, 2006, Nairobi, Kenya.

“Surgical Treatment of Morbid Obesity”. The HEART of the matter Overcoming the Obstacles – The roles of diabetes and obesity in cardiac disease. Baptist Heart & Vascular Institute, Central Baptist Hospital. February 25, 2006. Lexington, Kentucky.

“Development of an Anastomotic Device”. ASGE International Conference on Natural Orifice Translumenal Endoscopic Surgery (NOTES). March 9-11, 2006. Scottsdale, Arizona.

“Surgical Management of Reflux”. University of Maryland GI - Discussion: Core Curriculum Fellow's Conference. University of Maryland Medical System. March 21, 2006. Baltimore, Maryland.

“Surgical Treatment of GERD”. Symposium - GERD: The Burning Issues. April 7, 2006; Baltimore, Maryland

Symposium - GERD: The Burning Issues. Course Director. April 7, 2006; Baltimore, Maryland.

“New Vistas in Surgery”. Radiation Oncology Grand Rounds, University of Maryland. April 20, 2006; Baltimore, MD.

“Tips and tricks of Laparoscopic Ventral Hernia Repair”. SAGES & IPEG 2006 Scientific Session & Postgraduate Courses. April 26-29, 2006; Dallas, Texas.

Minimally Invasive Surgery Session – Moderator. 28<sup>th</sup> Annual Gary P. Wratten Army Surgical Symposium. May 8-10, 2006; Silver Spring, MD.

7<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. Co-Chairman. August 16-20, 2006; Sedona, AZ.

“Laparoscopic Ventral Hernia Repair”. 7<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 16-20, 2006; Sedona, AZ.

“Natural Orifice Transluminal Endoscopic Surgery Update”. 7<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 16-20, 2006; Sedona, AZ.

“Elective Session: Surgeons as Educators”. 7<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 16-20, 2006; Sedona, AZ.

“Abdominal Wall”. Clinical Correlation 1<sup>st</sup> year Gross Anatomy - University of Maryland. September 20, 2006; Baltimore, Maryland.

“Laparoscopic Surgery of the Pancreas”. McGill University. September 27, 2006; Montreal, Canada.

“General Surgery”. Modeling, Simulation, and Virtual Reality: What’s Proven, What’s Not. American College of Surgery 92<sup>nd</sup> Annual Clinical Congress. October 8-12, 2006; Chicago, IL.

“Technical Tips for Laparoscopic Incisional Hernia Repair”. The Hernia Course (parts I&II). American College of Surgery 92<sup>nd</sup> Annual Clinical Congress. October 8-12, 2006; Chicago, IL.

“Communicating Between the Operating Room and the Outside World”. Designing Your Operating Room: What You Need to Know. American College of Surgery 92<sup>nd</sup> Annual Clinical Congress. October 8-12, 2006; Chicago, IL.

“Management of Complex Ventral & Incisional Hernias”. Advanced Hernia Repair Symposium. October 28, 2006; Boston, MA.

Hernia Repair Course - Moderator. Advanced Hernia Repair Symposium. October 28, 2006; Boston, MA.

“Training in Endoscopic surgery”. XXVI National Congress of Surgery. Spanish Association of Surgeons. November 6-10, 2006; Madrid, Spain.

Pre-congress Course, Endoscopic Surgery “Video Symposium: How do I do it?” Session Chairman. XXVI National Congress of Surgery. Spanish Association of Surgeons. November 6-10, 2006; Madrid, Spain

Round Table – Controversies in Esophagogastric Surgery Session Chair. XXVI National Congress of Surgery. Spanish Association of Surgeons. November 6-10, 2006; Madrid, Spain.

“North American Experience”. Laparoscopic Colonic Surgery. 77<sup>th</sup> Argentine Congress of Surgery. November 16-19, 2006; Buenos Aires, Argentina.

“Laparoscopic Splenectomy”. Laparoscopic Surgery of the Spleen, Kidney and Adrenal Glands. 77<sup>th</sup> Argentine Congress of Surgery. November 16-19, 2006; Buenos Aires, Argentina.

“Lap Distal Pancreatectomy”. Hepato-Pancreato-Biliary Surgery. 77<sup>th</sup> Argentine Congress of Surgery. November 16-19, 2006; Buenos Aires, Argentina.

“Laparoscopic Treatment”. Laparoscopic Treatment of Gastroesophageal Reflux. 77<sup>th</sup> Argentine Congress of Surgery. November 16-19, 2006; Buenos Aires, Argentina.

“Laparoscopic Pancreatic Surgery”. Selected Topics in Surgery Symposium. Lutheran Medical Center. November 30-December 1, 2006; Manhattan, New York.

“Operating Room of the Future”. Annual Surgical Symposium at the College of Medicine, King Saud University & King Khalid University Hospital. February 17-18, 2007; Saudi Arabia.

“An Update on Laparoscopic Pancreatic Surgery”. Annual Surgical Symposium at the College of Medicine, King Saud University & King Khalid University Hospital. February 17-18, 2007; Saudi Arabia.

“An Update on GERD”. Annual Surgical Symposium at the College of Medicine, King Saud University & King Khalid University Hospital. February 17-18, 2007; Saudi Arabia.

“Surgical Simulation and Rehearsal”. Christian Medical and Dental Association Education Conference XXVIII. February 26-March 8, 2007; Chiang Mai, Thailand.

“Update on Gastroesophageal Reflux Disease”. Christian Medical and Dental Association Education Conference XXVIII. February 26-March 8, 2007; Chiang Mai, Thailand.

“Surgical Education” Christian Medical and Dental Association Education Conference XXVIII. February 26-March 8, 2007; Chiang Mai, Thailand.

“OR of the Future”. Medical and Dental Association Education Conference XXVIII. February 26-March 8, 2007; Chiang Mai, Thailand.

“Laparoscopic Management of General Surgery Emergencies”. Update in General Surgery 2007 – 47<sup>th</sup> Annual course for Practicing Surgeons. March 29-31, 2007; Toronto, Ontario.

“NOTES: Natural Orifice Transluminal Endoscopic Surgery”. Update in General Surgery 2007 – 47<sup>th</sup> Annual course for Practicing Surgeons. March 29-31, 2007; Toronto, Ontario.

“The Changing Face of Training in MIS and Advanced GI Surgery in North American: The Role of Fellowship”. 8th Brazilian Congress of Videolaparoscopic Surgery. April 29-May1, 2007: Bento Goncalves, RS, Brazil.

“Esophageal Surgery”. Video Session. 8th Brazilian Congress of Videolaparoscopic Surgery. April 29-May1, 2007: Bento Goncalves, RS, Brazil.

“Why TAPP is better?” 8th Brazilian Congress of Videolaparoscopic Surgery. April 29-May 1, 2007: Bento Goncalves, RS, Brazil.

“NOTES Natural Orifice Transluminal Endoscopic Surgery”. 8th Brazilian Congress of Videolaparoscopic Surgery. April 29 - May 1, 2007; Bento Goncalves, RS, Brazil.

“OR of the future: a reality today”. 51<sup>o</sup> Clinical Congress of the American College of Surgeons in Chile. May 2-5, 2007; Chile.

“Laparoscopic Surgery of the Pancreas”. 51<sup>o</sup> Clinical Congress of the American College of Surgeons in Chile. May 2-5, 2007; Chile.

“Design and Accreditation of the Surgical Center”. 51<sup>o</sup> Clinical Congress of the American College of Surgeons in Chile. May 2-5, 2007; Chile.

“Endoscopic Antireflux Surgery will not likely be a better choice than Lap Nissen Fundoplication”. MIS Symposium SSAT/SAGES Endoscopic and Endoluminal Treatment of GERD. DDW. May 23, 2007; Washington, DC.

“Leading in the "west" relevant to the "world": The challenge of academic surgery. Keynote Speaker-Bethune Round Table 2007 - Surgery and Technology. May 25-27, 2007: Toronto, CA.

Anastomotic Device/Staplers Working Group – Co-Lead. 2<sup>nd</sup> Annual Int’l Conference on NOTES. July 13-14, 2007; Boston, MA.

8<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. Co-Chairman. August 22-26, 2007; Sedona, AZ.

“Leading in America: Relevant to the World”. 8<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 22-26, 2007; Sedona, AZ.

“Natural Orifice Transluminal Endoscopic Surgery Update/Flexible Endoscopy”. 8<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 22-26, 2007; Sedona, AZ.

“Reoperation after failed mesh repair”. International Surgical Week 2007. August 26-30, 2007; Montreal, Quebec, Canada.

"ReOperative Anti-Reflux Surgery". Fifth Annual Esophageal Conference. September 6-7, 2007; Omaha, Nebraska.

Fifth Annual Esophageal Conference. Moderator: Achalasia. September 6-7, 2007; Omaha, Nebraska.

“Abdominal Wall”. Clinical Correlation 1<sup>st</sup> year Gross Anatomy - University of Maryland. September 14, 2007; Baltimore, Maryland.

“Telemedicine Experiences”. The AfriHealth conference & Exhibition. September 19, 2007; (Videoconference) Nairobi.

“Complications of Solid Organ Surgery? Nobody Knows the Trouble I’ve Seen”. Minimally Invasive Surgery: The Next Steps. American College of Surgery. October 7-11, 2007; New Orleans, LA.

“OR of the Future”. University of Maryland Department of Anesthesiology Faculty Retreat. October 27, 2007. Baltimore, Maryland.

Innovations in Advanced General Surgery Course - Moderator. December 1, 2007. Farmington, PA.

“Technical Overview of Laparoscopic Incisional and Ventral Hernia Repair”. Innovations in Advanced General Surgery. December 1, 2007. Farmington, PA.

“When Mesh Repairs Fail”. Innovations in Advanced General Surgery. December 1, 2007. Farmington, PA.

“Reoperative Nissen Fundo for failed prior wraps”. GIT(II) Session - Chairman. 7<sup>th</sup> Mediterranean & Middle Eastern (MMESA) Endoscopic Surgery Congress/Egyptian Society of Laparoscopic Surgery (ESLS). December 2-5, 2007. Hurghada, Egypt.

“Lap Pancreas Surgery”. Biliary and Pancreatic (II) Session. 7<sup>th</sup> Mediterranean & Middle Eastern (MMESA) Endoscopic Surgery Congress/Egyptian Society of Laparoscopic Surgery (ESLS). December 2-5, 2007. Hurghada, Egypt.

“Complications of Solid Organ Laparoscopy”. Free Papers (II) Session. 7<sup>th</sup> Mediterranean & Middle Eastern (MMESA) Endoscopic Surgery Congress/Egyptian Society of Laparoscopic Surgery (ESLS). December 2-5, 2007. Hurghada, Egypt.

“OR of the Future”. Round Table Discussion. 7<sup>th</sup> Mediterranean & Middle Eastern (MMESA) Endoscopic Surgery Congress/Egyptian Society of Laparoscopic Surgery (ESLS). December 2-5, 2007. Hurghada, Egypt.

“Pneumoperitoneum after Prior Surgery”. 3<sup>rd</sup> International Congress of Lap Colorectal Surgery. February 12-13, 2008. Fort Lauderdale, FL.

“Where are we with simulators?”. 3<sup>rd</sup> International Congress of Lap Colorectal Surgery. February 12-13, 2008. Fort Lauderdale, FL.

“The Role of Simulation in Colon Surgery Training”. 19<sup>th</sup> Annual International Colorectal Disease Symposium. February 19-21, 2008. Fort Lauderdale, FL.

8<sup>th</sup> Annual MISS 2008 Minimally Invasive Surgery Symposium. Co-Director: Hernia. February 19-23, 2008. Steamboat Springs, Colorado.

“Technical Pearls & Pitfalls of LVH”. 8<sup>th</sup> Annual MISS 2008 Minimally Invasive Surgery Symposium. February 19-23, 2008. Steamboat Springs, Colorado.

“What to do when mesh repairs fail”. 8<sup>th</sup> Annual MISS 2008 Minimally Invasive Surgery Symposium. February 19-23, 2008. Steamboat Springs, Colorado.

“Overview of Laparoscopic Ventral Hernia Repair: Techniques, Complications & Outcomes”. Innovations in Advanced General Surgery, A Surgical Symposium. March 1, 2008. Macungie, PA.

Society American Gastrointestinal Endoscopic Surgeons. Program Chair. April 9-12, 2008. Philadelphia, PA.

Society American Gastrointestinal Endoscopic Surgeons. Session Chair: OR – Hospital of the Future. April 9-12, 2008. Philadelphia, PA.

Society American Gastrointestinal Endoscopic Surgeons. Chair: 2008 Presidential Debates. April 9-12, 2008. Philadelphia, PA.



100<sup>th</sup> Anniversary of the Surgical Stapler. Keynote address. Pennsylvania Convention Center. April 10, 2008. Philadelphia, PA.

“Big Cut, Little Cuts, One Cut, No Cut”. 2008 Gary P. Wratten Surgical Symposium. May 1, 2008. Bethesda, MD.

“Current options in abdominal wall hernia repair and patches”. An evening of clinical discussion. May 6, 2008. Vancouver, BC.

“Big Cut, Little Cuts, One Cut, No Cut”. Grand Rounds, University of British Columbia Department of Surgery. May 7, 2007. Vancouver, BC.

9<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. Co-Chairman. August 20-24, 2008; Sedona, AZ.

“Laparoscopic Ventral Hernia Repair”. 9<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 20-24, 2008; Sedona, AZ.

“Big Cut, Little Cuts, 1 Cut, No Cut”. 9<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 20-24, 2008; Sedona, AZ.

“Prospective randomized trial of transfer of training in the development of intracorporeal suturing skill in novices”. 11<sup>th</sup> World Congress of Endoscopic Surgery. September 2-5, 2008; Yokohama, Japan.

Training & Education in Endoscopic Surgery. Session Co-Chair. 11<sup>th</sup> World Congress of Endoscopic Surgery. September 2-5, 2008; Yokohama, Japan.

“Deconstructing Operative Flow – A focus on anticipatory movements”. 11<sup>th</sup> World Congress of Endoscopic Surgery. September 2-5, 2008; Yokohama, Japan.

Spleen2. Session Co-Chair. 11<sup>th</sup> World Congress of Endoscopic Surgery. September 2-5, 2008; Yokohama, Japan.

“Pancreatic Surgery”. European Institute of TeleSurgery (eits). IRCAD Intensive Course in Laparoscopic General Surgery. September 22-26, 2008; Strasbourg, France.

“Spleen Surgery”. European Institute of TeleSurgery (eits). IRCAD Intensive Course in Laparoscopic General Surgery. September 22-26, 2008; Strasbourg, France.

Clinical Workshop Through Video. Video Session Coordinator. American College of Surgery 94<sup>th</sup> Annual Clinical Congress. October 12-16, 2008; San Francisco, CA.

“Using the FC Case Log: Making Sense of the Numbers”. The Fellowship Council Symposium. American College of Surgery 94<sup>th</sup> Annual Clinical Congress. October 12-16, 2008; San Francisco, CA.

“Patients Benefit While Surgeons Suffer: An Impending Epidemic”. The Surgical Workforce: Challenges for Now and the Future. American College of Surgery 94<sup>th</sup> Annual Clinical Congress. October 12-16, 2008; San Francisco, CA.

“Where is the Grass Greener? Is there any Green Grass out there? One Surgeon's Perspective”. Ontario Association of General Surgeons (O.A.G.S.). November 1, 2008; Toronto, ON.

“Is NOTES Nuts?” Ontario Association of General Surgeons (O.A.G.S.). November 1, 2008; Toronto, ON.

“Future hospitals”. International Conference Advances in Surgery: Discussion from the cutting edge. December 10-11, 2008; Barcelona, Spain.

“Pearls & Pitfalls of Laparoscopic Ventral Hernia Repair” (Course Director) University of Maryland Innovations in Advanced General Surgery Surgical Symposium. February 6, 2009; Baltimore, Maryland.

Innovations in Advanced General Surgery: A Surgical Symposium. Live Telesurgery. February 6, 2009; Baltimore, Maryland.

Innovations in Advanced General Surgery: A Surgical Symposium - Moderator. March 21, 2009; Farmington, PA.

“Technical Overview of Laparoscopic Incisional and Ventral Hernia Repair”. Innovations in Advanced General Surgery: A Surgical Symposium. March 21, 2009; Farmington, PA.

“When Mesh Repairs Fail”. Innovations in Advanced General Surgery: A Surgical Symposium. March 21, 2009; Farmington, PA.

“Technique – Lap LVH”. SAGES Advanced Laparoscopic Hernia Surgery Workshop. March 26-27, 2009; Norwalk, CT.

“Mentorship and Career Planning”. Society American Gastrointestinal Endoscopic Surgeons. April 22-25, 2009; Phoenix, Arizona.

2009 The Great Presidential Debates - Chair. Society American Gastrointestinal Endoscopic Surgeons. April 22-25, 2009; Phoenix, Arizona.

Resident and Fellows Scientific Session – Expert Panelist. Society American Gastrointestinal Endoscopic Surgeons. Panelist: April 22-25, 2009; Phoenix, Arizona.

“Augmented Reality for Laparoscopic Surgery Using a Novel Imaging Method – Initial Results from a Porcine Model”. Society American Gastrointestinal Endoscopic Surgeons. April 22-25, 2009; Phoenix, Arizona.

“Updates and Modifications of the ABS Curriculum”. Society American Gastrointestinal Endoscopic Surgeons. April 22-25, 2009; Phoenix, Arizona.

Fellowship Council Symposium: Integrating the New ABS Training Curriculum in the MIS Fellowship – Discussion Moderator. Society American Gastrointestinal Endoscopic Surgeons. April 22-25, 2009; Phoenix, Arizona.

“Laparoscopic management of paraesophageal hernias: technique and results”. 53<sup>rd</sup> Annual meeting of the Chilean Chapter of the American College of Surgeons. May 3-7, 2009; Santiago, Chile.

“Laparoscopic management of abdominal wall hernias”. 53<sup>rd</sup> Annual meeting of the Chilean Chapter of the American College of Surgeons. May 3-7, 2009; Santiago, Chile.

“Laparoscopic surgery in pancreas, selection and technique”. 53<sup>rd</sup> Annual meeting of the Chilean Chapter of the American College of Surgeons. May 3-7, 2009; Santiago, Chile.

“Laparoscopic splenectomy”. 53<sup>rd</sup> Annual meeting of the Chilean Chapter of the American College of Surgeons. May 3-7, 2009; Santiago, Chile.

“Training and accreditation for minimally invasive surgery”. 53<sup>rd</sup> Annual meeting of the Chilean Chapter of the American College of Surgeons. May 3-7, 2009; Santiago, Chile.

“Patients Benefit while Surgeons Suffer: an Impending Epidemic”. 53<sup>rd</sup> Annual meeting of the Chilean Chapter of the American College of Surgeons. May 3-7, 2009; Santiago, Chile.

“Is NOTES Nuts?”. Grand Rounds, University of British Columbia Department of Surgery. June 17, 2009. Vancouver, BC.

“Laparoscopic Ventral Hernia Repair”. An evening of clinical discussion. June 17, 2009. Vancouver, BC.

“How much can we do with simulation?” MASTERS in MIS meeting. July 8, 2009. Kennebunkport, Maine.

10<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. Co-Chairman. August 26-30, 2009; Avon, Colorado.

“Oral Presentation”. 10<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 26-30, 2009; Avon, Colorado.

“Surgeons Serving”. 10<sup>th</sup> Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 26-30, 2009; Avon, Colorado.

“Ergonomics & The Lap Surgeon”. IRCAD/EITS Intensive Course in Laparoscopic General Surgery. September 23-26, 2009; Strasbourg, France.

“Pancreatic Surgery”. IRCAD/EITS Intensive Course in Laparoscopic General Surgery. September 23-26, 2009; Strasbourg, France.

“Splenic Surgery”. IRCAD/EITS Intensive Course in Laparoscopic General Surgery. September 23-26, 2009; Strasbourg, France.

“Hernias in the Morbidly Obese: Hernia First versus Bariatric Procedure First: The Case for Hernia First. American College of Surgeons. October 11-15, 2009; Chicago, Illinois.

“The Purpose and Conduct of the Oral Examination”. College of Surgeons of East Central and Southern Africa. November 29, 2009; Kigali Rwanda.

“The Evolution of Surgery – Big Cut to No Cuts?”. Evening of Clinical Discussion. Nairobi General Hospital. December 8, 2009; Nairobi, Kenya.

“Where surgery can take you”. Clinical Correlation 1<sup>st</sup> year Gross Anatomy - University of Maryland. January 8, 2010; Baltimore, Maryland.

“Diaphragmatic Hernias”. Continuing Medical & Dental Education Conference XXX. February 8-18 2010, Brackenhurst, Kenya.

“Ventral Hernia”. Continuing Medical & Dental Education Conference XXX. February 8-18-, 2010, Brackenhurst, Kenya.

“Delivering an Effective Oral Presentation”. Continuing Medical & Dental Education Conference XXX. February 8-18, 2010, Brackenhurst, Kenya.

6<sup>th</sup> Innovations in The Surgical Environment Conference; Current Perspectives on Safe Patient, Safe Surgeon. Program Chair. March 25-27, 2010; Annapolis, Maryland.

“Is The Surgeon Safe?”. 6<sup>th</sup> Innovations in The Surgical Environment Conference; Current Perspectives on Safe Patient, Safe Surgeon (Keynote). March 25-27, 2010; Annapolis, Maryland.

Human Factors and Ergonomics – Moderator. 6<sup>th</sup> Innovations in The Surgical Environment Conference; Current Perspectives on Safe Patient, Safe Surgeon (Keynote). March 25-27, 2010; Annapolis, Maryland.

“When Surgeons Serve”. Grand Rounds, University of Maryland. April 1, 2010, Baltimore, Maryland.

The Future of Fellowship: How Will They Be Funded - Chair. Society of American Gastrointestinal and Endoscopic Surgeons. April 17, 2010, Landover, MD.

Operative Demonstrations – Session Co-Chair. IRCAD/EITS Advanced Course in Hernia Repair. April 30-May 1, 2010, Taiwan.

“Ventral mesh positioning”. IRCAD/EITS Advanced Course in Hernia Repair. April 30-May 1, 2010, Taiwan.

“Biomaterials”. IRCAD/EITS Advanced Course in Hernia Repair. April 30-May 1, 2010, Taiwan.

“Surgical preparation of the defect”. IRCAD/EITS Advanced Course in Hernia Repair. April 30-May 1, 2010, Taiwan.

“Indications and limits”. IRCAD/EITS Advanced Course in Hernia Repair. April 30-May 1, 2010, Taiwan.

“The Management of Diaphragmatic Hernias”. International Symposium – What’s new in Medicine and Surgery. Asian Institute of TeleSurgery. May 2, 2010, Taiwan.

“Technical Overview of Incisional and Ventral Hernia Repair”. Innovations in Advanced General Surgery Course. June 8, 10, 2010. London, England.

“Tips and Tricks in Laparoscopic Ventral Hernia Repair”. Innovations in Advanced General Surgery Course. June 8-10, 2010. London, England.

“Effective Pathways in Complication Resolution – previous mesh, infections, redo’s and revisions”. Innovations in Advanced General Surgery Course. June 8-10, 2010. London, England.

“Understanding Level I and II Studies”. Abdominal Wall Reconstruction (AWR). June 17-19, 2010, Washington DC.

“Management of Parastomal Hernia”. Abdominal Wall Reconstruction (AWR). June 17-19, 2010, Washington DC.

“Clinical Aspects to the Abdomen (Herniae)”. Clinical Correlation 1<sup>st</sup> year Gross Anatomy - University of Maryland. September 19, 2010; Baltimore, Maryland.

“Is the Surgeon Safe?” Annual Zane Cohen Lecture (Guest Speaker), Mount Sinai Hospital. September 23, 2010. Toronto, Canada.

Eighth Annual Esophageal Conference GERD II - Moderator. September 29-30, 2010; Omaha, Nebraska.

“Diagnosis and Management of Paraesophageal Hernias”. Eighth Annual Esophageal Conference. September 29-30, 2010; Omaha, Nebraska.

Achalasia- Diagnosis and Treatment. Eighth Annual Esophageal Conference. September 29-30, 2010; Omaha, Nebraska.

“The Mortal Surgeon. Beyond products and procedures: physical and psychological challenges in the OR.” EES Symposium. October 4, 2010; Washington DC.

“Surgical Simulation: Are we there yet?!” Northwestern University Department of Surgery Gerald Ujiki, MD Lectureship & Excellence in Teaching Awards. October 21, 2010; Chicago, Illinois.

"Surgical Simulation- are we there yet?" Neurosurgery Grand Rounds – University of Maryland. November 11, 2010; Baltimore, Maryland.

“Computed Tomography Guided Laparoscopy: Proof of Concept”. 11<sup>th</sup> International Conference on Control, Automation, Robotics and Vision (ICARCV). December 7-10, 2010; Singapore.

“Update on Diagnosis and Management of Paraesophageal Hiatal Hernias” Grand Rounds – Singapore General Hospital. December 9, 2010; Singapore.

Minimally Invasive Surgery Symposium (MISS) 2011. Hernia Course Co-Director. February 21-26, 2011; Salt Lake City, Utah.

“Abdominal Wall Hernia Repair: What Does the Data Say?” Minimally Invasive Surgery Symposium (MISS) 2011. February 21-26, 2011; Salt Lake City, Utah.

“Parastomal Hernias”. Minimally Invasive Surgery Symposium (MISS) 2011. February 21-26, 2011; Salt Lake City, Utah.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Chair, Safety for Surgeons Panel: Is your Profession Causing You Physical Harm? (Webcast Session). March 30 – April 1, 2011; San Antonio, Texas.

“Ergonomics and NS Injuries in MIS: An Impending Epidemic”. Safety for Surgeons Panel: Is your Profession Causing You Physical Harm? (Webcast Session). Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). March 30 – April 1, 2011; San Antonio, Texas.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Moderator, Instrumentation/Ergonomics. March 30 – April 1, 2011; San Antonio, Texas.

“What do you want to be when you grow up (and how to get there)? Clinician Investigator Program Weekend Retreat. The Future for Clinician Scientists in Canada: Benefits & Backlash. April 15-17, 2011; Nova Scotia, Canada.

“Surgeon Health” Tips and Pearls from Masters (Masters Class). 20th Society of Laparoendoscopic Surgeons Annual Meeting and Endo Expo 2011. September 13-17, 2011; Los Angeles, CA.

“Fundamental Principles of Laparoscopic Incisional Hernia Repair”. Intra-Operative Decisions in Laparoscopic Inguinal and Ventral Hernia Repair. 97<sup>th</sup> Annual American College of Surgeons Clinical Congress. October 23-27, 2011; San Francisco, CA.

97<sup>th</sup> Annual American College of Surgeons Clinical Congress. Panelist, Surgical Technologies that will Revolutionize Surgery. October 23-27, 2011; San Francisco, CA.

97<sup>th</sup> Annual American College of Surgeons Clinical Congress. Coordinator and Presiding Officer, (Video) oriented symposium II: Pearls, Pitfall, and Controversies. October 23-27, 2011; San Francisco, CA.

“Creating a Safe Work Environment for your Team- Human Factors and Ergonomics; Maximizing Performance”. Creation and Maintenance of High-Performance Teams in Surgery: An Educational and Operational Strategy. 97<sup>th</sup> Annual American College of Surgeons Clinical Congress. October 23-27, 2011; San Francisco, CA.

“Surgeon Wear and Tear”. Surgeon Wear and Tear: The Hidden Cost of Adverse Ergonomics. 97<sup>th</sup> Annual American College of Surgeons Clinical Congress. October 23-27, 2011; San Francisco, CA.

“Update on Diaphragmatic Hernias”. Continuing Medical & Dental Education Conference XXXI. February 8-16, 2012, Brackenhurst, Kenya.

“A Primer on Oral Presentations”. Continuing Medical & Dental Education Conference XXXI. February 8-16, 2012, Brackenhurst, Kenya.

“The Role of Simulation in Surgical Training”. Continuing Medical & Dental Education Conference XXXI. February 8-16, 2012, Brackenhurst, Kenya.

Minimally Invasive Surgery Symposium (MISS). Chair, Hernia Fundamentals and What’s New? February 20-25, 2012, Salt Lake City, Utah.

Minimally Invasive Surgery Symposium (MISS). “Diaphragmatic Hernias & Repairs: A Medley.” February 20-25, 2012, Salt Lake City, Utah.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Chair, Advanced Open & Laparoscopic Ventral Hernia Repair. March 7-9, 2012; San Diego, CA.

Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Team Participant, Do you know more than your Fellow? March 7-9, 2012; San Diego, CA.

“Critical components of negotiation: When to compromise and when to hold fast”. Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). March 7-9, 2012; San Diego, CA.

“Problems during the mediastinal dissection”. 5<sup>th</sup> International Hernia Congress. March 28-31, 2012; New York, NY.

“Open or Laparoscopic Ventral Hernia Repair – Which one is the best?” 5<sup>th</sup> International Hernia Congress. March 28-31, 2012; New York, NY.

5<sup>th</sup> International Hernia Congress. Panelist, GERD and Paraesophageal Hernia Dilemmas. March 28-31, 2012; New York, NY.

5<sup>th</sup> International Hernia Congress. Panelist, Dilemmas in Ventral Hernia Surgery – Can Evidence based medicine give us the answer? March 28-31, 2012; New York, NY.

5<sup>th</sup> International Hernia Congress. Moderator, Abstract Presentations. March 28-31, 2012; New York, NY.

Minimally Invasive Surgery Session – Moderator. 34<sup>th</sup> Annual Gary P. Wratten Army Surgical Symposium. May 3, 2012; Bethesda, MD.

“Is the Surgeon Safe? The Ergonomic and Cognitive Toll of Surgery.” 34<sup>th</sup> Annual Gary P. Wratten Army Surgical Symposium. May 3, 2012; Bethesda, MD

“Laparoscopic Ventral Hernia Repair”. Abdominal Wall Reconstruction (AWR). June 14-16, 2012, Washington DC.

“The Failed Biologic Repair: Are Synthetics the Answer”. Abdominal Wall Reconstruction (AWR). June 14-16, 2012, Washington, DC.

“Incisional Hernia”. IRCAD/BRAZIL Advanced Course in Laparoscopic Digestive Surgery. July 16-18, 2012, Brazil.

“The Operating Room of the Future – The Surgeon’s Workspace”. XI Brazilian Videosurgery Society Congress (SOBRACIL), July 18-20, 2012, Rio de Janeiro, Brazil.

98<sup>th</sup> Annual American College of Surgeons Clinical Congress. Panelist, (Video Session – VE05 ) General Surgery I. September 30 - October 3, 2012; Chicago, IL.

“SAGES International Relationships: New Opportunities with COSECSA.” 13<sup>th</sup> Annual General Meeting of COSECSA and 17<sup>th</sup> AGM and scientific conference of the SSE (The Surgical Society of Ethiopia), December 5-8, 2012, Addis Ababa, Ethiopia.

“The How and Why of High Stakes Exam and Tips for the Oral Examinder.” 13<sup>th</sup> Annual General Meeting of COSECSA and 17<sup>th</sup> AGM and scientific conference of the SSE (The Surgical Society of Ethiopia), December 5-8, 2012, Addis Ababa, Ethiopia.



Park A: Session 7A; Parastomal Hernia & Atypical. Presenter: Flank and spigalean. American Hernia Society. March 13-16, 2013. Orlando, FL.

“The evolving role of simulation in surgical training”. IRCAD, Strasbourg, France March 30 – April 3, 2013.

“Procedural based simulation – taking it to the next level.” SAGES 2013 Conference. April 17-20, 2013, Baltimore, MD.

“Parastomal Hernia: Tips for Lowering Recurrence.” Abdominal Wall Reconstruction (AWR). June 6-8, 2013, Washington, DC.

Fourteenth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference”. Co-Chairman. August 21-25, 2013; Sedona, AZ.

“Health Care Reform: What do we know? How will it affect me? How to prepare?” Fourteenth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference.” August 21-15, 2013; Sedona, AZ.

“Negotiating Your Contract – When to Hold & When to Fold!” Fourteenth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 21-25, 2013; Sedona, AZ.

“Innovation and IP Generation as a Surgeon.” Fourteenth Annual Minimally Invasive Surgery Fellowship Fundamentals Conference. August 21-25, 2013; Sedona, AZ.

“Laparoscopic anatomy of hernia repair”. IRCAD/Brazil Intensive Course in Laparoscopic General Surgery. September 9-12, 2013, Brazil.

“Ventral and umbilical hernia.” IRCAD/Brazil Intensive Course in Laparoscopic General Surgery. September 9-12, 2013. Brazil.

“Anti-reflux Surgery.” IRCAD/Brazil Intensive Course in Laparoscopic General Surgery. September 9-12, 2013. Brazil.

“Paraesophageal hernia.” IRCAD/Brazil Intensive Course in Laparoscopic General Surgery. September 9-12, 2013. Brazil.

“Prosthetic material for abdominal wall reinforcement.” IRCAD/Brazil Advanced Course in Hernia Repair. September 13-14, 2013. IRCAD/Brazil.

“How I select my patients and how I do it?” IRCAD/Brazil Advanced Course in Hernia Repair. September 13-14, 2013. IRCAD/Brazil.

“Current evidence and recommendations on laparoscopic repair of ventral and umbilical hernia.” IRCAD/Brazil Advanced Course in Hernia Repair. September 13-14, 2013. IRCAD/Brazil.

The advanced operating theatre – A vision for 2020.” Canadian Surgery Forum, September 20, 2013, Ottawa, Ontario, Canada.

“Is the Surgeon Safe?” Grand Rounds, Florida Hospital Orlando, September 27, 2013; Orlando, FL.

“Fundamental Principles of Laparoscopic Incisional Hernia Repair.” American College of Surgeons Annual Clinical Congress, October 6-9, 2013, Washington, DC.

“McMaster University Department of Surgery: Characters & Contributions over 40 Years.” McMaster University 40<sup>th</sup> Year Reunion Gala, Keynote Address. October 26, 2013. Ontario, Canada.

“Inguinal Hernia. Long Term Outcomes. Quality of life: is surgery necessary?” Advanced Course in Inguinal & Abdominal Wall Hernia. IRCAD France February 6-8, 2014.

“Ventral hernia: laparoscopic and open approach. Parastomal hernia.” Advanced Course in Inguinal & Abdominal Wall Hernia. IRCAD France February 6-8, 2014.

“Ventral Hernia. Anatomy & Evaluation. Advanced Course in Inguinal & Abdominal Wall Hernia. IRCAD France February 6-8, 2014.

“Special Hernias. The Problem of Parastomal Hernia.” Advanced course in Inguinal & Abdominal Wall Hernia. IRCAD France February 6-8, 2014.

“Closing Lecture. Conclusion: Patient partnership in hernia health: new direction.” Advanced course in Inguinal & Abdominal Wall Hernia. IRCAD France February 6-8, 2014.

Advanced Laparoscopic Ventral Hernia Repair: Perspectives, Insights, and Solutions. Panelist (Virtual), March 5, 2014; (Covidien) Akron, OH.

“Conducting Studies in the OR.” Symposium on Human Factors and Ergonomics in Health Care: Leading the Way. Chicago, IL March 17, 2014.

“Surgical Education Now and in the Future”. Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). Salt Lake City, Utah April 2-5, 2014.

“Accountability: What Patients Need to Know.” Abdominal Wall Reconstruction (AWR). June 12-14, 2014, Washington, DC.

“Laparoscopic Parastomal Hernia Repair: Indications and Technique,” Abdominal Wall Reconstruction (AWR). June 12-14, 2014, Washington, DC.

“Imagining the surgeon in the operating room of the future”. XII Brazilian Videosurgery Congress (SOBRACIL) and 1<sup>st</sup> International Congress of SRS ((Society of Robotic Surgery International Meeting), September 24-27, 2014, Florianopolis – Santa Catarina, Brazil.

“Tips and tricks: closing the middle line, prosthetic management fixing...”. XII Brazilian Videosurgery Congress (SOBRACIL) and 1<sup>st</sup> International Congress of SRS (Society of Robotic Surgery International Meeting), September 24-27, 2014, Florianopolis – Santa Catarina, Brazil.

“Acute Care Surgery.” 31<sup>st</sup> Annual Controversies, Problems & Techniques in Surgery, December 17-19, 2014, New York, NY.

“GERD – the Burning Issues: Update on Work up and Management.” 13<sup>th</sup> Annual Kuwait Postgraduate Assembly in Surgery, January 31 – February 2, 2015, Kuwait.

“Laparoscopic Ventral Hernia Repair.” 13<sup>th</sup> Annual Kuwait Postgraduate Assembly in Surgery, January 31- February 2, 2015, Kuwait.

“Contemporary Management of Parastomal Hernias.” 13<sup>th</sup> Annual Kuwait Postgraduate Assembly in Surgery, January 31 – February 2, 2015, Kuwait.

#### **XXI. Abstracts, (Book Reviews and Discussion after Papers)**

Park A, Towner RA, Langer JC: Diagnosis of Intestinal Ischemia in the Rat Using Double Contrast Magnetic Resonance Imaging (MRI). **Society for Surgery of the Alimentary Tract**, May 19-22, 1991; New Orleans, Louisiana.

Park A, Towner RA, Langer JC: Diagnosis of Persistent Intestinal Ischemia in the Rabbit Using Magnetic Resonance Imaging (MRI). **Surgical Section of American Academy of Pediatrics**, October 10-11, 1992; San Francisco, California.

Park A, Gagner M, Pomp A: Laparoscopic Splenectomy: Superiority of the Lateral Approach. **Canadian Society of Laparoscopic and Endoscopic Surgery**, September 8-9, 1993; Vancouver, British Columbia.

Park A, Gagner M: A Porcine Model for Laparoscopic Adrenalectomy. **Canadian Society of Laparoscopic and Endoscopic Surgery**, September 8-9, 1993; Vancouver, British Columbia.

Park A, Gagner M: Laparoscopic Duodena Pancreatectomy. **3rd G.I. Tract Laparoscopic Surgery International Meeting**, September 9-10, 1993; Liege, Belgium.

Park A, Gagner M, Pomp A: Splenectomie par laparoscopie: Approche Lateral. **Reunion Scientifique Department de Chirurgie** (Hotel-Dieu de Montreal), September 30, 1993; Montreal, Quebec.

Park A, The Role of Surgery Residents in Undergraduate Surgical Education. **Undergraduate Education in Surgery in the Year 2000**, October 28-30, 1993; Niagara- on-the-Lake, Ontario.

Park A, Gagner M, Pomp A: The Lateral Approach to Laparoscopic Splenectomy. **Society of American Gastrointestinal Endoscopic Surgeons**, April 18-19, 1994; Nashville, Tennessee.

Park A, Gagner M: A Porcine Model for Laparoscopic Adrenalectomy. **Society of American Gastrointestinal Endoscopic Surgeons**, April 18-19, 1994; Nashville, Tennessee.

Park A, Gagner M, Pomp A: Laparoscopic Repair of Large Incisional Hernias: Preliminary Results. **Society of American Gastrointestinal Endoscopic Surgeons**, April 18-19, 1994; Nashville, Tennessee.

Park A, The Lateral Approach for Laparoscopic Splenectomy - Ongoing Experience. International College of Surgeons Canada. **Symposium on Minimal Access Surgery**, July 1- 3, 1994; Montreal, Quebec.

Park A, Laparoscopic Repair of Large Incisional Hernia - Ongoing Experience. International College of Surgeons Canada. **Symposium on Minimal Access Surgery**, July 1- 3, 1994; Montreal, Quebec.

Gagner M, Park A, Pomp A: Laparoscopic Repair of Large Incisional Hernia. **American College of Surgery**, October 4-9, 1994; Chicago, Illinois.

Gagner M, Park A, Pomp A: Laparoscopic Splenectomy by the Lateral Approach. **American College of Surgery**, October 4-9, 1994; Chicago, Illinois.

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Caban J, Wood B, Park A: Flexible High-Resolution Display Systems for the Next Generation of Radiology Reading Rooms. **SPIE--The International Society for Optical Engineering, Medical Imaging**. February 17-22, 2007; San Diego, CA

Lee T, George I, Kavic S, Park A: Dynamic Three-Dimensional Reconstruction of Type III Paraesophageal Hernias. **American Hernia Society**. March 7-11, 2007; Hollywood, Florida.

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Lee G, Park A: Development of a Novel Tool to More Precisely Analyze Postural Stability of Laparoscopic Surgeons. **Society of American Gastrointestinal Endoscopic Surgeons**. (Poster) April 19-22, 2007; Las Vegas, Nevada.

Bernstein W, George I, Brown J, Park A: Understanding Single Lung Isolation in the Era of Minimally Invasive Cardiac Surgery. **Society of Cardiovascular Anesthesiologist 29<sup>th</sup> Annual Meeting**. April 21-25, 2007; Montreal, Quebec, Canada.

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Lee T, Kavic S, Dexter D, Park A: Long-term Follow-up of a Novel Anastomotic Device in a Canine Model. **Digestive Disease Week**. May 19-24, 2007; Washington, DC.

Lee T, Kavic S, George I, Fantry G, Park A: An Approach Towards Classifying Hiatal Hernias. **Digestive Disease Week**. May 19-24, 2007; Washington, DC

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Lee G, Lee T, Klein R, Dexter D, Park A: Perfect Partners: Surgical Ergonomics and Minimally Invasive Training (poster). **Medicine Meets Virtual Reality 16.** January 29 – February 1, 2008; Long Beach, California.

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Ranzinger M, Seagull J, Park A: Establishing Anthropometrics: Abdominal Wall Thickness in Laparoscopic Patients. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons.** April 9-12, 2008; Philadelphia, PA.

Ranzinger M, George I, Park A: Laparoscopic Splenectomy for wandering spleen: Enhancing outcomes with smart imaging technologies. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons**. April 9-12, 2008; Philadelphia, PA.

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Ranzinger M, Seagull J, Park A: Qualifying the Relationship: Interaction Effects in the Correlation Between BMI and Abdominal Wall Thickness. **Digestive Disease Week**. May 17-21, 2008; San Diego, CA.

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Moses G, Park A: A Research Portfolio for Innovation in the Surgical Environment. **Medicine Meets Virtual Reality**. January 19-22, 2009; Long Beach, CA.

Lee G, Lee T, Dexter D, Godinez C, Meenaghan N, Park A: Joint Kinetic Data Augments Traditional Biomechanical Approach to Assess the Ergonomics of Laparoscopic Camera Assistants. **Medicine Meets Virtual Reality**. January 19-22, 2009; Long Beach, CA.

Lee G, Meenaghan N, Dexter D, Lee T, Godinez C, Seagull J, Park A: A Pain in the Neck! The Relationship of Video Monitors to Surgeon's Stress. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons**. April 22-25, 2009; Phoenix, AZ.

Zhi X, Zhao M, Wang L, Zhang G, Hu S, Park A: Comparative Study of the Radical Resection of Rectal Carcinoma by Laparoscopy Versus Open Approach. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons**. April 22-25, 2009; Phoenix, AZ.

Zhi X, Wen C, Wang L, Zhang G, Hu S, Park A: Laparoscopic Versus Open resection of Gastric Stromal Tumors. (Poster) **Society of American Gastrointestinal Endoscopic Surgeons**. April 22-25, 2009; Phoenix, AZ.

Godinez C, Youseff Y, George I, Park A: Laparoscopic intervention for massive, rapidly progressive pancreatic pseudocyst disease with endocrine and exocrine dysfunction. (Podium Presentation) **Society of American Gastrointestinal Endoscopic Surgeons**. April 22-25, 2009; Phoenix, AZ.

Sutton E, Kavic S, Lloyd R, Roth S, Park A: Prospective Monitoring of Surgical Trainee Endoscopy Volumes. (Oral Presentation) **Society of American Gastrointestinal Endoscopic Surgeons**. April 22-25, 2009; Phoenix, AZ.

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Seagull J, Lee T, Sutton E, Godinez C, Lee G, Park A: A Validated Subjective Rating of Display Quality: The Maryland Visual Comfort Scale. (Poster of Distinction Presentation) **Society of American Gastrointestinal Endoscopic Surgeons**. April 22-25, 2009; Phoenix, AZ.

Shekhar R, Godinez C, Kavic S, Sutton E, Bhat V, Danekar O, George I, Park A: Augmented Reality for Laparoscopic Surgery Using a Novel Imaging Method-Initial Results From a Porcine Model. (Oral Presentation) **Society of American Gastrointestinal Endoscopic Surgeons**. April 22-25, 2009; Phoenix, AZ.

Sutton E, Lee G, Youssef Y, Park A: Stepping Up to the Table: The Ergonomics of Women in Surgery. (Poster) **American College of Surgery**. October 11-15, 2009.

Godinez C, Sutton E, George I, Hagan E, Park A: Laparoscopic Management of Distal Esophageal Diverticulum Avoids Thoracotomy (Video). **American College of Surgery**. October 11-15, 2009.

Ravi S, Sutton E, Seagull J, Park A: Therapeutic laparoscopy for pancreatic cystic disease: drainage versus resective approaches (Poster). 6<sup>th</sup> Innovations in The Surgical Environment Conference; Current Perspectives on Safe Patient, Safe Surgeon (Keynote). March 25-27, 2010; Annapolis, Maryland.

Lee G, Sutton E, Youssef Y, Clanton T, Park A: Quantitative Ergonomics Assessment of NOTES Techniques: A Study of Physical Workload, Body Movement and Posture. (abstract submitted) **Society of American Gastrointestinal Endoscopic Surgeons**. April 14-17, 2010; Landover, MD.

Youssef Y, Lee G, Godinez C, Sutton E, Klein R, George I, Seagull J, Park A: Laparoscopic Cholecystectomy Poses Physical Injury Risk to Surgeons: Analysis of Hand Technique and Standing Position. (abstract) **Society of American Gastrointestinal Endoscopic Surgeons**. April 14-17, 2010; Landover, MD.

Sutton E, Park A: Repair of a hiatal defect using a rotational falciform flap. (Video) **Society of American Gastrointestinal and Endoscopic Surgeons**. April 14 -17, 2010; Landover, MD

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Ghaderi I, Vaillancourt M, Sroka G, Kaneva P, Seagull F, George I, Sutton E, Park A, Vassiliou M, Fried G, Feldman L: Performance of Simulated Laparoscopic Incisional Hernia Repair Predicts Operating Room Performance. (Abstract) **Association for Surgical Education**. April 20-24, 2010; San Antonio, TX.

Sutton E, Chase S, Seagull J, Turner P, Park A: Development of a proficiency-based virtual reality training curriculum for basic endoscopic procedures. (Poster) **20<sup>th</sup> Annual Scientific Assembly of the Society of Black Academic Surgeons**. April 29-May 29, 2010; Durham, North Carolina.

Lahane A, Yesha Y, Joshi A, Grasso M, Finin T, Park A, Moses G: Real-time content-based video analysis using distributed computing. (Abstract) **1<sup>st</sup> ACM International Health Informatics Symposium**. November 11-12, 2010; Arlington Virginia.

Park A, Shekhar R, Sutton E: Computed Tomography Guided Laparoscopy: Proof of Concept. **11<sup>th</sup> International Conference on Control, Automation, Robotics and Vision (ICARCV)**. December 7-10, 2010; Singapore.

Hamed O, Kavic S, Park A: Symptomatic Paraesophageal and Incisional Hernia : Simultaneous or Sequential Repair? (Poster) **Society of American Gastrointestinal and Endoscopic Surgeons**. March 7 – March 10, 2012; San Diego, CA.

Park A: Problems during the mediastinal dissection. (Abstract) **5<sup>th</sup> International Hernia Congress**. March 28-31, 2012; New York, NY.

Park A: Open or Laparoscopic Ventral Hernia Repair – Which one is the best? (Abstract) **5<sup>th</sup> International Hernia Congress**. March 28-31, 2012; New York, NY Limpuangthip.



A, Lee G, George I, Park A: Detailed analysis of surgical energy usage in a general surgical practice. (Poster) **Society of American Gastrointestinal and Endoscopic Surgeons**. March 30 – April 2, 2011; San Antonio, Texas.

Irvin M, Sutton E, Zeigler C, Lee G, Park A. Stepping up to the table: the ergonomics of women in surgery. Poster presentation, Research!Louisville 2012, University of Louisville School of Medicine, Louisville, KY, September 18-21, 2012.

Sutton E, Irvin, M, Zeigler C, Lee G, Park A. The Ergonomics of Women in Surgery. (Oral Presentation) **Society of American Gastrointestinal Endoscopic Surgeons**. April 17-20, 2013; Baltimore, MD.

Park A, Sutton E, George I, Heniford BT: (Poster) Non-ACGME Accredited Surgical Fellowship Graduates: Their demographics, practice patterns, and contributions to American Surgery **American College of Surgeons, 98<sup>th</sup> Annual Clinical Congress**, September 30 – October 4, 2012, Chicago, Illinois.

**Submitted:**

Haisch, C., Mellinger J., Wood, W., Steffes, B., Park, A. A sustainable model for training African nationals as general surgeons. **The Association for Surgical Education**.

Zahiri HR, Devlin SG, Ebert BE, Benenati MA, Marvel R, Park A, Belyansky I. Intraoperative Assessment to Select Segmental Resection vs. Local Excision for Colonic Endometriosis. **Academic Surgical Congress**.

**XXII. Manuscripts** (Peer Reviewed Publications)

**Published:**

Park A, Towner RA, Langer JC: Diagnosis of Intestinal Ischemia in the Rat Using "Double Contra Magnetic Resonance Imaging (MRI)". **Journal of Investigative Surgery**. 1993; 6:177-183.

Park A, Towner RA, Langer JC: Diagnosis of Persistent Intestinal Ischemia in the Rabbit Using Proton Magnetic Resonance Imaging. **Journal of Investigative Surgery**. 1994; 7:485-492.

Anvari M, Park A: Laparoscopic-Assisted Vagotomy and Distal Gastrectomy. **Surgical Endoscopy**. 1994; 8:1312-15.

Park A, Gagner M: A Porcine Model for Laparoscopic Adrenalectomy. **Surgical Endoscopy**. 1995; 9:807-810.

Park A, Gagner M, Pomp A: Laparoscopic Repair of Large Incisional Hernias. **Surgical Laparoscopy and Endoscopy**. 1996; 2:123-128.

Fitzgerald P, Langer J, Cameron B, Park A, Marcaccio M, Walton M, Skinner M: Pediatric Laparoscopic Splenectomy using the Lateral Approach. **Surgical Endoscopy**. 1996; 10: 859-861.

Park A, Gagner M, Pomp A: The Lateral Approach to Laparoscopic Splenectomy. **American Journal of Surgery**. 1997; 173:126-130.

Evrard S, Falkeniodt A, Park A: Influence of CO<sub>2</sub> Pneumoperitoneum Upon Systemic and Peritoneal Cell Mediated Immunity - **World Journal of Surgery**. 1997; 21:353-357.

Birch DW, Park A, Chen V: Laparoscopic Resection of an Intra-abdominal Mass: A Cystic mesothelioma. **Canadian Journal of Surgery**. April 1998; 41(2): 161-164.

Park A, Birch DW, Lousics, P: Laparoscopic and Open Incisional Hernia Repair: A comparison study. **Surgery**. 1998; 124: 816-822

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**XXIII. Manuscripts, Reports, Syllabi.** (Non-Peer Reviewed Publications)

**Published:**

Park A, The role of ERCP in the Management of Choledocholithiasis in the Laparoscopic Era. Symposium on Common Bile Duct Stones: Detection and Management in the Era of Minimally Invasive Surgery. Seattle, Washington, April 1998.

Park A, Tandy T: Laparoscopic Re-do Nissen Fundoplication in Patients With Failed Belsey Mark IV Fundoplication via Left Chest Approach. ***University of Kentucky Case Report***; Oct. 1998.

Park A, Tandy T: Laparoscopic Heller's Myotomy for the Treatment of Recurrent Achalasia. ***University of Kentucky Case Report***; Oct. 1998.

Park A, Tandy T: Laparoscopic Distal Pancreatectomy and Splenectomy in A Patient With Insulinoma. ***University of Kentucky Case Report***; Feb. 1999.

Park A, Roth S: Laparoscopic Splenectomy by the Lateral Approach-Experience and Results. ***Symposium on Laparoscopic Solid Organ Surgery: How, What, When, and Why?*** San Antonio, TX, March 24, 1999.

Heniford T, Park A, Voeller G: Laparoscopic Ventral Incision Hernia Repair. **Surgical Prospectus**; March 1999.

Park A, Birch D: Update in GI Minimally Invasive Surgery. **American College of Gastroenterology**; Regional Post Graduate Course. Louisville, KY, June 1999.

Park A, Birch D: M.I.S. Past, Present and Future. **Seventh Annual SGNA Multi-Regional Conference**; (Syllabus) Lexington, KY, Sept. 25, 1999.

Park A, Birch D: Laparoscopic Splenectomy: Strategies for Management of the Big Spleen. **American College of Surgeons**; Clinical Congress. Post Graduate Course. Oct. 1999.

Park A, Birgisson G: Minimally Invasive Surgery for Non-Colonic GI Cancer. **Advances in Minimally Invasive GI Cancer Therapy**; (Syllabus) Lexington, KY, Nov. 12, 1999.

Park A, Chu U: Treatment of Incisional Hernia: Laparoscopic Repair. **17<sup>th</sup> Annual Controversies, Problems and Techniques in Surgery**; (Syllabus) New York, NY December 8, 2000.

Park A, Witzke D: The Challenge of Teaching, Training and Establishing Competencies in New Surgical Techniques. **Catholic Risk Management Forum Annual Conference**; (Syllabus) May 17 – 19:2001; Tampa, FL.

Weiss C, Park A: Surgical Repair of Incisional Hernias. **SSAT**; Patient Care Guidelines 2001.

Park A: Complication of Laparoscopic Splenectomy. Post Graduate Course: “When Bad Things Happen to Good Surgeons: Avoiding and Treating Complications of Laparoscopic Surgery”. **8<sup>th</sup> World congress of Endoscopic Surgery**; (Syllabus) New York, NY, March 14, 2002.

Park A, Weiss C: Laparoscopic Splenectomy: Approaches, Pearls and Pitfalls. Post Graduate Course: Minimal Access Surgery. **American College of Surgeons**; (Syllabus) Clinical Congress; San Francisco, CA, October 2002.

Park A: Laparoscopic Splenectomy for ITP. 2002 Update Course in Minimally Invasive Surgery. **St. Michael’s Hospital**; (Syllabus) November 15, 2002; Toronto, Canada.

Park A: Laparoscopic Incisional Hernia Repair. **Royal College of Physicians and Surgeons of Canada Lecture** (keynote address); (Syllabus). November 15, 2002; Toronto, Canada.

Cogdon C, Lovell M, Knapp C, Park A, Rouch K, Baker J: Numerical Analysis of an Anastomatic Device. **Computer Methods in Biomechanics and Biomedical Engineering.**, 2002, 5 (1) 53.

Park A, Adrales G: Difficult Problems and Complications of Laparoscopic Surgery. "Solid Organ: Spleen and Adrenal". **Southeastern Surgical Congress**; (Syllabus). February 8, 2003; Savannah, Georgia.

Park A: Managing Complication of Incisional Hernia Repair. Post Graduate Course: Minimal Access Surgery. **American College of Surgeons**; (Syllabus) Clinical Congress. October 22, 2003; Chicago, IL.

Park A: Laparoscopic Approaches to Pancreatic Tumors. Post Graduate & Hands-On Course. **Society of American Gastrointestinal Endoscopic Surgeons**; (Syllabus); March 31-April 3, 2004; Denver, CO.

Park A, Kavic S: Massive Splenomegaly. Post Graduate Course: Minimal Access Surgery. **American College of Surgeons**; (Syllabus) Clinical Congress. October 10 - 14, 2004; New Orleans, LA.

Park A, Mastrangelo M, George I: "Smart Image" approach to Solid Organ Resection. **Society of American Gastrointestinal Endoscopic Surgeons**; (Syllabus); April 13-16, 2005; Hollywood, Florida.

Park A, Segan R: Tissue Transection and Bowel Anastomosis. 33<sup>rd</sup> Annual Spring Meeting. **American College of Surgeons**; (Syllabus); April 16-19, 2005; Hollywood, Florida.

Park A: Innovations in Surgery. Advances in Enabling Technologies for Surgery Workshop. **Medicine Meets Virtual Reality 14**. (Syllabus) January 24-27, 2006; Long Beach, California.

Park A: Surgical Treatment of GERD. GERD: The Burning Issues. **University of Maryland**; (Syllabus) April 7, 2006; Baltimore, Maryland.

Park A: North American Experience. Laparoscopic Colonic Surgery. **77<sup>th</sup> Argentine Congress of Surgery**. (Syllabus) November 16-19, 2006; Buenos Aires, Argentina.

Park A: Laparoscopic Splenectomy. Laparoscopic Surgery of the Spleen, Kidney and Adrenal Glands. (Syllabus) **77<sup>th</sup> Argentine Congress of Surgery**. November 16-19, 2006; Buenos Aires, Argentina.

Park A: Lap Distal Pancreatectomy. Hepato-Pancreato-Biliary Surgery. **77<sup>th</sup> Argentine Congress of Surgery**. November 16-19, 2006; Buenos Aires, Argentina.

Park A: Laparoscopic Treatment. Laparoscopic Treatment of Gastroesophageal Reflux. **77<sup>th</sup> Argentine Congress of Surgery**. (Syllabus) November 16-19, 2006; Buenos Aires, Argentina.

Park A, Adrales G: Laparoscopic Pancreatic Surgery. Selected Topics in Surgery Symposium. **Lutheran Medical Center**. (Syllabus) November 30-December 1, 2006; Manhattan, New York.

Park A: Laparoscopic Management of General Surgery Emergencies. Update in General Surgery 2007 – **47<sup>th</sup> Annual course for Practicing Surgeons**. (Syllabus) March 29-31, 2007; Toronto, Ontario.

Park A, Catania R: NOTES: Natural Orifice Translumenal Endoscopic Surgery. Update in General Surgery 2007 – **47<sup>th</sup> Annual course for Practicing Surgeons**. (Syllabus) March 29-31, 2007; Toronto, Ontario.

Seagull J, Moses G, Park A: Integration of Virtual Reality and Conventional Skills Trainers: A Mixed Resource Model. **The Proceedings of Medicine Meets Virtual Reality 16**. IOS Press, January 2008, 132:446-449.

Lee T, Park A: Pneumoperitoneum after Prior Surgery”. **3<sup>rd</sup> International Congress of Lap Colorectal Surgery**. (Syllabus) February 12-13, 2008. Fort Lauderdale, FL.

Godinez C, Park A: The Role of Simulation in Colon Surgery Training”. **19<sup>th</sup> Annual International Colorectal Disease Symposium**. (Syllabus) February 19-21, 2008. Fort Lauderdale, FL.

Park A: Technical Pearls & Pitfalls of LVH. **8<sup>th</sup> Annual MISS 2008 Minimally Invasive Surgery Symposium**. February 19-23, 2008. Steamboat Springs, Colorado.

Park A: What to do when mesh repairs fail. **8<sup>th</sup> Annual MISS 2008 Minimally Invasive Surgery Symposium**. February 19-23, 2008. Steamboat Springs, Colorado.

Moses G, Seagull F, George I, Park A: The MASTRI Center: Medical Simulation for Skill Acquisition. MASTRI Center Website <http://mastri.umm.edu/>

Park A: Surgeon Q&A: Surgical Simulation Training. **Surgical Products**. August 12, 2009 Advantage Business Media <http://www.surgicalproductsmag.com/scripts/>

Park A: Abdominal Wall Reconstruction. American Board of Surgery SCORE online text/syllabus/learning resource (Pending http)

**Accepted:**

“Comparative assessment of physical and cognitive ergonomics associated with robotic and traditional laparoscopic surgeries” Accepted September 5, 2013.



**Submitted:**

“Mapping Abdominal Wall Thickness in patients Undergoing Laparoscopic Surgery”  
Submitted December 3, 2013.

**XXIV. Books and Book Chapters**

**Published:**

Roth S, Birch D, Mastrangelo M, Park A: Minimally Invasive Abdominal Surgery: An Update – Board Review Manual. Turner White Communications, 1999; Vol 5. Part 4.

Park A: The Lateral Approach to Laparoscopic Splenectomy. in Zucker K: Surgical Laparoscopy 2<sup>nd</sup> Edition. Phil\*\*; Lippincott Williams & Wilkins; 2001, pp 625-634.

Park A, Birch D: Minimally Invasive Bypass Surgery for Pancreatic Carcinoma. Greene F, Heniford T (eds): Minimally Invasive Cancer Management, New York, Springer, 2001, pp131-142.

Park A, Mastrangelo M, Gandsas A, Chu U, Quick N: Laparoscopic Dissecting Instruments. McFadyen B, Cushieri A(eds) Seminars in Laparoscopy Surgery, Vol. 8 (1); W.B. Saunders Company, (March) 2001, 8(1): 42-52.

Weiss C, Park A: The Lateral Laparoscopic Approach. Problems in General Surgery. Lippincott Williams and Wilkins. 2002; 19(3):29-35.

Weiss C, Park A: Laparoscopic Incisional Hernia Repair. Problems in General Surgery; Heniford T(eds). 2002; 19(4): 59-64.

Park A, Heniford T. Minimally Invasive Pancreatic Pseudocyst Surgery. Advances in Minimally Invasive Therapy and New Technologies in General and Digestive Surgery. Targarona EM, Trias M(eds). 2003; pp 316-320.

Adrales G, Park A: Technological and Instrumentation Aspects of Laparoscopic Hernia Surgery. In: LeBlanc K.(ed) Laparoscopic Hernia Surgery: An Operative Guide. London: Arnold Publishers. 2003; pp 7-15.

McKinlay R, Park A: Splenectomy for Hematologic Disease. In: Cameron, J., (Ed), Current Surgical Therapy, 8<sup>th</sup> (ed). Graphic World Publishing. 2004; pp 533-536.

Park A: Laparoscopic Splenectomy. In: Cameron, J., (Ed), Current Surgical Therapy, 8<sup>th</sup> (ed). Elsevier Science. 2004; pp 1254-1258.

Park A, McKinlay R: Laparoscopic Ventral Hernia Repair. In: Cameron J., (Ed), Advances in Surgery. Elsevier St. Louis. 2004; Vol 38 (3) pp 31-45.

Park A, McKinlay R: Laparoscopic Ventral Hernia Repair. Disease-a-Month, Advances in Surgery. Elsevier St. Louis. November 2004; Vol 50 (11) pp 591-593.

Gandsas A, Adrales G, Park A: Simulation in General Surgery. Lake, Loyd, and Greenberg: Practical Healthcare Simulations. Elsevier/Hanley & Belfus. 2004; pp 341-354.

Park A, McKinlay R: Spleen. In: Brunicaardi C.F., (Ed), Schwartz's Principles of Surgery 8E, Chapter 33. McGraw-Hill; 2004; pp1297-1315.

Adrales G, Park A: Laparoscopic Appendectomy. Mastery of Endoscopic and Laparoscopic Surgery 2e. Lippincott, William & Wilkins. 2004; pp 429-435.

Segan R, Park A: Training Competent Minimal Access Surgeons: Review of Tools, Metrics, and Techniques Across the Spectrum of Technology. Surgical Technology International XIII. Universal Medical Press. 2005; pp 25-32.

Kavic S, Park A: Laparoscopic Splenectomy. Advanced Therapy in Minimally Invasive Surgery, Chapter 33. Talamini, BC Decker. 2006; pp 269-272.

Park A: Written Commentary on Ventral Hernia. Atlas of Minimally Invasive Surgery. Cine-Med, Inc. 2006; pp 567-568.

Park A, Witzke D: Education and Training. Controversies in Laparoscopic Surgery. Springer-Verlag. 2006; pp 1-13.

Park A, McKinlay R: Spleen. In: Brunicaardi C.F., (Ed), Schwartz's Manual of Surgery 8E Companion Handbook, Chapter 33. McGraw-Hill. 2006; pp 879-896.

Park A, Kavic S: Laparoscopic ventral and incision hernia repair. In: Cameron, J., (Ed), Current Surgical Therapy, 9<sup>th</sup> (ed). Elsevier Science. 2008; pp 1292-1295.

Turner P, Park A: Laparoscopic Repair of Ventral Incisional Hernias: Pros and Cons. In: Surgical Clinics of North America, Advances in Abdominal Wall Hernia Repair. Elsevier Saunders Feb 2008; Vol 88 (1) pp 85-100.

Seagull J, Moses G, Park A: Pillars of a Smart, Safe Operating Room. In: Advances in Patient Safety: New Directions and Alternative Approaches, Vol 3 Performance and Tools. AHRQ Publication No. 08-0034-3. Rockville, MD: Agency for Healthcare Research and Quality. August 2008; pp 235-247.

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**Accepted:**

Lee TH, Park AE. Evolution of MIS and its impact on surgical residency training. In: Matteotti R, Becker JM, Ashley SM, eds. Minimally Invasive Surgical Oncology: State-of-the-Art Cancer Management. New York, NY: Springer; (In press February 3, 2010).

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**Submitted:**

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