

A N N U A L R E P O R T 2 0 0 9 - 2 0 1 0



Department of Surgery



Carolinas Medical Center

Uncompromising Excellence. Commitment to Care.



Rush S. Dickson Tower

CAROLINAS MEDICAL CENTER

CONTENTS

Chairman's Message	2
Department of Surgery Residents	3
Department of Surgery Faculty	6
Full-Time Faculty	7
Community Teaching Faculty	14
Visiting Professors	16
Surgical Programs	17
International Surgical Experience	18
Surgery Research Division	19
Division of Gastrointestinal and Minimally Invasive Surgery/ Carolinas Laparoscopic and Advanced Surgery Program	20
Bariatric Surgery Program	21
Hepato-Pancreato-Biliary Program	22
Carolinas Simulation Center	23
Division of Surgical Oncology	24
Acute Care Surgery	25
Trauma, Surgical Critical Care and Acute Care Surgery	26
Transplant Program	27
Pediatric Surgery Program	28
Scholarly Activities	29

CHAIRMAN'S MESSAGE

This annual report covers the 2009-2010 activities of the Department of Surgery at Carolinas Medical Center during which we have seen continued academic growth from our faculty and surgical trainees. Our basic science research has continued to expand as reflected in the "Scholarly Activities" section of this report. We have also increased collaboration with physicians and institutions regionally, nationally and internationally through our Telemedicine Program. Through surgical rotations for third- and fourth-year medical students, we have continued to strengthen ties with the University of North Carolina and have developed a regional campus for medical school education in Charlotte.

During this time we have continued to develop our Hepato-Pancreato-Biliary (HPB) surgical program in clinical and research areas. An initiative aimed at making Carolinas Medical Center a regional and national center for treatment of pancreatic and liver disease has flourished as our Transplant and HPB divisions have expanded. Our colleagues in hepatology and gastroenterology from the Department of Internal Medicine have contributed greatly to this success. Our Surgical Oncology Division has expanded, especially in the areas of breast cancer and management of esophageal cancer. Jonathan Salo, MD, has teamed with our thoracic surgical colleagues to introduce minimally invasive esophagectomy. Teresa Flippo-Morton, MD, has launched a well-balanced fellowship in breast disease management with the addition of our first breast fellow. Our Bariatric Surgical Program and Carolinas Weight Management and Wellness Center, which is dedicated to the surgical, medical and psychological issues surrounding obesity, have flourished under the leadership of Drs. Keith Gersin and Tim Kuwada. Drs. Todd Heniford and Kent Kercher continue to lead a world-class clinical, research and fellowship program in advanced laparoscopic surgical management. The advent of the Hernia Center has created a paradigm for global management of abdominal wall defects and translational research for correction of these difficult surgical problems. The Division of Trauma and Critical Care continues to be recognized for superb clinical care and teaching efforts. An ACGME-approved critical care fellowship with Toan Huynh, MD, as program director has been launched and is based on the strengths that our faculty and institution exhibit. In the area of surgical simulation, Dimitrios Stefanidis, MD, PhD, has succeeded in having our center recognized as a regional teaching resource by the American College of Surgeons. This will further enhance the outstanding teaching of our residents and sustain the robust continuing medical education (CME) course agenda supported by the Area Health Education Center for practicing surgeons.

Although functioning in an independent academic medical center, the Department of Surgery represents a microcosm of activity that is generally found in a university medical school environment. From the extensive clinical experience of our full-time and community-based faculty and residents to the far-reaching and varied research activities of our faculty and trainees, the Department of Surgery provides the three elements essential for a successful academic surgical environment - teaching, clinical activities and research excellence.

Faculty and house staff could not have accomplished these goals in a vacuum. We appreciate the continued outstanding guidance and administrative support under the leadership of James McDevitt, MD, Senior Vice President for Education and Research and his able staff. In addition, Suzanne Freeman, President of Carolinas Medical Center; Dennis Phillips, Executive Vice President - Metro Group; Paul Franz, Executive Vice President - Physician Services Group; Joe Piemont, President and Chief Operating Officer and Michael Tarwater, Chief Executive Officer of Carolinas HealthCare System, have provided an environment that has stimulated all of us to accomplish the activities presented in this annual report. We also recognize the contributions of our outstanding residents and support staff in the Department of General Surgery who make it a pleasure for us to work and study in this environment.

As technology and science continue to be stimuli for our surgical achievements, the Department of Surgery has continued to follow the tenets of personal interaction and humanism. Our daily activities and this annual report are dedicated to these principles and to the patients we serve.



Frederick L. Greene, MD, FACS

Chairman and Director, Surgical Education





DEPARTMENT OF
SURGERY RESIDENTS

DEPARTMENT OF SURGERY RESIDENTS | 2009-2010

POST GRADUATE YEAR 1

MEDICAL SCHOOL

Paul D. Colavita, MD	University of North Carolina
Katherine Grimes Crum, MD	University of North Carolina
Barry D. Davis, MD	Ross University
M. Drew Honaker, MD	West Virginia University
Darnell T. Josiah, MD	Wake Forest University
Andrew M. Nunn, MD	University of Alabama

POST GRADUATE YEAR 2

MEDICAL SCHOOL

Erin M. Hanna, MD	Georgetown University
Charles A. Hill III, MD	Wake Forest University
David A. Klima, MD	University of Kansas
Sarah M. Lantz, MD	Indiana University

POST GRADUATE YEAR 3

MEDICAL SCHOOL

Rohini D. Bogineni, MD	Kasturba Medical College
Lindsay M. Fairfax, MD	Eastern Virginia
Edward W. Kubek, MD	Michigan State University
Phuong H. Nguyen, MD	Florida State University
John D. Whitfield, MD	University of Tennessee

POST GRADUATE YEAR 4

MEDICAL SCHOOL

Alejandro Fernandez-Tatum, MD	University of North Carolina
Jonathan H. Gifford, MD	University of Nevada
K. Christian Walters, MD	Medical University of South Carolina

POST GRADUATE YEAR 5

MEDICAL SCHOOL

Jason M. Arru, MD	University of Louisville
Robert L. Stevens, MD	University of Connecticut
Thomas M. Schmelzer, MD	University of Louisville

RESEARCH RESIDENT

MEDICAL SCHOOL

Rita A. Brintzenhoff, MD	University of Cincinnati
--------------------------	--------------------------

CLASP RESEARCH ANALYST

MEDICAL SCHOOL

Neal Agee, MD	Medical University of Silesia
---------------	-------------------------------

POST GRADUATE YEAR 6 LAPAROSCOPIC FELLOWS

SURGICAL RESIDENCY

Ajita Prabhu, MD	Maine Medical Center
<i>Clinical Fellow</i>	
B. Lauren Paton, MD	Carolinas Medical Center
<i>Clinical Fellow</i>	
Paul N. Montero, MD	University of Colorado
<i>Research Fellow</i>	
Terri R. Martin, MD	University of Chicago
<i>Research Fellow</i>	

POST GRADUATE YEAR 6 BARIATRIC FELLOWS

SURGICAL RESIDENCY

Maher El Chaar, MD	St. Luke's Hospital
<i>Clinical Fellow</i>	
Solon Gray Hughes, MD	University of Tennessee-Memphis
<i>Clinical Fellow</i>	

POST GRADUATE YEAR 6 HPB FELLOWS

SURGICAL RESIDENCY

David Sindram, MD, PhD	Duke University
<i>Clinical Fellow</i>	
Kelvin N. Lau, MD	Stony Brook University Medical Center
<i>Research Fellow</i>	

DEPARTMENT OF SURGERY RESIDENTS | 2010-2011

POST GRADUATE YEAR 1

MEDICAL SCHOOL

Bryt A. Christensen, MD	University of Utah
Jenny L. Chua-Tuan, MD	Texas Tech University
Rebecca J. Collver, MD	Florida State University
Jennifer W. Hale, MD	East Carolina University
Christina L. Nelson, MD	University of Tennessee
Blair A. Wormer, MD	Northeastern Ohio University

POST GRADUATE YEAR 2

Paul D. Colavita, MD	University of North Carolina
Barry D. Davis, MD	Ross University
M. Drew Honaker, MD	West Virginia University
Andrew M. Nunn, MD	University of Alabama

POST GRADUATE YEAR 3

Rita A. Brintzenhoff, MD	University of Cincinnati
Erin M. Hanna, MD	Georgetown University
Charles A. Hill III, MD	Wake Forest University
Sarah M. Lantz, MD	Indiana University

POST GRADUATE YEAR 4

Rohini D. Bogineni, MD	Kasturba Medical College
Edward W. Kubek, MD	Michigan State University
Phuong H. Nguyen, MD	Florida State University
John D. Whitfield, MD	University of Tennessee

POST GRADUATE YEAR 5

Alejandro Fernandez-Tatum, MD	University of North Carolina
Jonathan H. Gifford, MD	University of Nevada
K. Christian Walters, MD	Medical University of South Carolina

RESEARCH RESIDENT

MEDICAL SCHOOL

David A. Klima, MD	University of Kansas
--------------------	----------------------

SURGICAL CRITICAL CARE FELLOW

MEDICAL SCHOOL

Lindsay M. Fairfax, MD	Eastern Virginia
------------------------	------------------

CLASP RESEARCH ANALYST

MEDICAL SCHOOL

Jim F. Byrd Jr., MD	University of North Carolina
---------------------	------------------------------

POST GRADUATE YEAR 6

BREAST FELLOW

SURGICAL RESIDENCY

Sandeepa Musunuru, MD	University of Wisconsin-Madison
-----------------------	---------------------------------

POST GRADUATE YEAR 6

LAPAROSCOPIC FELLOWS

SURGICAL RESIDENCY

Vedra A. Augenstein, MD	University of Louisville
<i>Clinical Fellow</i>	

Paul N. Montero, MD	University of Colorado
<i>Clinical Fellow</i>	

Terri R. Martin, MD	University of Chicago Hospitals
<i>Clinical Fellow</i>	

Igor Belyansky, MD	Union Memorial Hospital
<i>Research Fellow</i>	

Victor Tsirlina, MD	Loyola Medical Center
<i>Research Fellow</i>	

POST GRADUATE YEAR 6

BARIATRIC FELLOWS

Nicholas Verdura, MD	Waterbury Hospital
<i>Clinical Fellow</i>	

Daniel Baillie, MD	St. Luke's Hospital
<i>Clinical Fellow</i>	

POST GRADUATE YEAR 6

HPB FELLOWS

Kelvin N. Lau, MD	Stony Brook University Medical Center
<i>Clinical Fellow</i>	

Ryan Z. Swan, MD	Brown University
<i>Research Fellow</i>	



DEPARTMENT OF
SURGERY FACULTY



FULL-TIME FACULTY



Frederick L. Greene, MD, FACS

Chairman and Director of Surgical Education

Residency: Yale University-New Haven Hospital

Fellowship: American Cancer Society Clinical Oncology Fellowship, Yale University

Clinical Professor, Department of Surgery, University of North Carolina



Michael H. Thomason, MD, FACS

Associate Chairman

Medical Director, F.H. "Sammy" Ross Jr., Trauma Center

Director, Surgical Endoscopy Training

Residency: Carolinas Medical Center

Clinical Professor, Department of Surgery, University of North Carolina



John M. Green, MD, FACS

Associate Program Director

Attending Surgeon, Trauma/Surgical Critical Care and Acute Care Surgery

Residency: University of Tennessee-Chattanooga

Fellowship: Surgical Critical Care, University of Tennessee-Chattanooga

Clinical Assistant Professor, Department of Surgery, University of North Carolina



Vincent Casingal, MD, FACS

Transplant Surgeon

Residency: Carolinas Medical Center

Fellowship: Transplantation, University of Minnesota

Clinical Assistant Professor, Department of Surgery, University of North Carolina



A. Britton Christmas, MD, FACS

Attending Surgeon, Trauma/Surgical Critical Care and Acute Care Surgery

Residency: University of Louisville

Fellowship: Surgical Critical Care, University of Louisville

Clinical Assistant Professor, Department of Surgery, University of North Carolina



Roger R. Denny, MD, FACS

Transplant Surgeon

Residency: State University of New York Health Science Center-Brooklyn

Fellowship: Transplantation, University of Minnesota

Clinical Assistant Professor, Department of Surgery, University of North Carolina



Lon B. Eskind, MD, FACS

Director, Adult Liver Transplantation

Director, Pediatric Liver Transplantation

Assistant Medical Director, LifeShare of the Carolinas

Residency: University of Hawaii

Fellowship: Transplantation, University of Miami

Clinical Associate Professor, Department of Surgery, University of North Carolina



Susan L. Evans, MD, FACS

Attending Surgeon, Trauma/Surgical Critical Care and Acute Care Surgery

Residency: University of Florida-Jacksonville

Fellowship: Trauma/Surgical Critical Care, University of Pennsylvania

Clinical Assistant Professor, Department of Surgery, University of North Carolina



Teresa S. Flippo-Morton, MD, FACS

Surgical Faculty, Division of Surgical Oncology

Director, Breast Fellowship

Residency: Carolinas Medical Center

Clinical Assistant Professor, Department of Surgery, University of North Carolina



J. Eduardo Flores Montero, MD, FACS

Attending Surgeon, Hospital Mexico, San José, Costa Rica

Residency: University of Costa Rica

Fellowship: Universities of Tohoku and Kyorin and the Miyagi Cancer Detection Center, Japan

Clinical Associate Professor, Department of Surgery, University of North Carolina

FULL-TIME FACULTY



Keith S. Gersin, MD, FACS

Chief of Bariatric Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

Residency: Berkshire Medical Center

Fellowship: Laparoendoscopic Surgery, Cleveland Clinic Foundation

Clinical Associate Professor, Department of Surgery, University of North Carolina



Paul F. Gores, MD, FACS

Director, Pancreas/Islet Cell Transplantation

Residency: University of Minnesota

Fellowships: Transplantation, University of Minnesota; Peripheral Vascular Surgery, University of California-Los Angeles

Clinical Associate Professor, Department of Surgery, University of North Carolina



Daniel H. Hayes, MD, FACS

Director, Transplantation

Medical Director, LifeShare of the Carolinas

Residency: Ochsner Clinic

Fellowship: Transplantation, Mayo Graduate School of Medicine

Clinical Associate Professor, Department of Surgery, University of North Carolina



B. Todd Heniford, MD, FACS

Chief, Division of Gastrointestinal and Minimally Invasive Surgery

Co-Director, Carolinas Laparoscopic and Advanced Surgery Program

Co-Director, Carolinas Hernia Center

Residency: University of Louisville

Fellowships: Research and Surgical Oncology, University of Louisville; Advanced Laparoscopic Surgery, Cleveland Clinic Foundation

Clinical Professor, Department of Surgery, University of North Carolina



Toan T. Huynh, MD, FACS, FCCM

Director, Surgical Intensive Care Unit

Director, Trauma Research

Director, Surgical Critical Care Fellowship Program

Residency: University of North Carolina

Fellowship: Trauma/Surgical Critical Care, University of North Carolina

Clinical Associate Professor, Department of Surgery, University of North Carolina



David A. Iannitti, MD, FACS

Program Director of Hepato-Pancreato-Biliary Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

Residency: Brown University

Fellowship: Pancreatic and Hepatobiliary Surgery, Cleveland Clinic Foundation
Clinical Associate Professor, Department of Surgery, University of North Carolina



David G. Jacobs, MD, FACS

Associate Medical Director, FH. "Sammy" Ross Jr., Trauma Center

Residency: Case Western University

Fellowships: Pediatric Surgery Research, Hospital for Sick Children, Canada; Trauma/ Surgical Critical Care, Maryland Institute for Emergency Medical Systems

Clinical Professor, Department of Surgery, University of North Carolina



Kent W. Kercher, MD, FACS

Chief, Minimal Access Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

Co-Director, Carolinas Laparoscopic and Advanced Surgery Program

Co-Director, Carolinas Hernia Center

Residency: Carolinas Medical Center

Fellowship: Minimally Invasive Surgery, University of Massachusetts

Clinical Associate Professor, Department of Surgery, University of North Carolina



Timothy S. Kuwada, MD, FACS

Director, Bariatric Fellowship, Division of Gastrointestinal and Minimally Invasive Surgery

Residency: Medical College of Wisconsin

Fellowship: Advanced Laparoscopic Surgery, Northwestern University

Clinical Assistant Professor, Department of Surgery, University of North Carolina



Amy E. Lincourt, PhD

Research Group Director, Division of Gastrointestinal and Minimally Invasive Surgery

PhD: Syracuse University

Adjunct Assistant Professor, Department of Health Behavior and Administration, University of North Carolina-Charlotte

FULL-TIME FACULTY



John B. Martinie, MD, FACS

Hepato-Pancreato-Biliary Surgeon, Division of Gastrointestinal and Minimally Invasive Surgery

Residency: Brown University

Fellowship: Hepato-Pancreato-Biliary Surgery, McGill University

Clinical Assistant Professor, Department of Surgery, University of North Carolina



Iain H. McKillop, PhD

Group Director of Research

PhD: University of Sheffield, United Kingdom

Adjunct Associate Professor, Department of Biology, University of North Carolina-Charlotte



William S. Miles, MD, FACS, FCCM

Director, Surgical Critical Care

Medical Director, Trauma Intensive Care Unit

Co-Director, Bloodless Medicine and Surgery Program

Residency: University of South Carolina

Fellowships: Surgical Research, University of South Carolina; Surgical Critical Care/Trauma Surgery, Vanderbilt University; Surgical Education Research, American College of Surgeons

Clinical Associate Professor, Department of Surgery, University of North Carolina



Gamal Mostafa, MD, FRCS, FACS

Chief, Acute Care Surgery Service

Residency: Carolinas Medical Center; Howard University; Vascular Surgery, Birmingham University; Nottingham University Hospital, United Kingdom

Fellowships: Trauma/Surgical Intensive Care, Jersey Shore Medical Center and Mayo Clinic; Thoracic Surgery, Mayo Clinic

Clinical Associate Professor, Department of Surgery, University of North Carolina



Beverley Lauren Paton, MD

Attending Surgeon, Trauma and Acute Care Surgery

Residency: Carolinas Medical Center

Fellowship: Carolinas Medical Center, Carolinas Laparoscopic and Advanced Surgery Program



Jonathan C. Salo, MD, FACS

Surgical Faculty, Division of Surgical Oncology

Residency: University of California-San Francisco

Fellowships: Research, National Institutes of Health; Surgical Oncology, Memorial Sloan-Kettering Cancer Center

Clinical Associate Professor, Department of Surgery, University of North Carolina



Terry Sarantou, MD, FACS

Surgical Faculty, Division of Surgical Oncology

Residency: Henry Ford Hospital

Fellowship: Surgical Oncology, John Wayne Cancer Institute

Clinical Associate Professor, Department of Surgery, University of North Carolina



Lynnette M. Schiffern, MD, FACS

Attending Surgeon, Trauma/Surgical Critical Care and Acute Care Surgery

Residency: University of Utah

Fellowship: Surgical Critical Care, University of Utah

Clinical Assistant Professor, Department of Surgery, University of North Carolina



David Sindram, MD, PhD

Hepato-Pancreato-Biliary Surgeon, Division of Gastrointestinal and Minimally Invasive Surgery

PhD: Leiden University, The Netherlands

Residency: Duke University Medical Center

Fellowships: Research, Duke University Medical Center; Hepatobiliary and Pancreas Surgery, Carolinas Medical Center

Clinical Assistant Professor, Department of Surgery, University of North Carolina



Ronald F. Sing, DO, FACS, FCCP, FCCM

Attending Surgeon, Trauma/Surgical Critical Care and Acute Care Surgery

Residency: The Graduate Hospital

Fellowship: Trauma/Surgical Critical Care, University of Pennsylvania

Clinical Associate Professor, Department of Surgery, University of North Carolina

FULL-TIME FACULTY



Dimitrios Stefanidis, MD, PhD, FACS

Medical Director, Carolinas Simulation Center

PhD: Aristotle University of Thessaloniki, Greece; University of Bonn, Germany

Residency: Aristotle University, AHEPA University Hospital, Greece; University of Texas Health Science Center-San Antonio

Fellowships: Minimally Invasive Surgery, Tulane Center for Minimally Invasive Surgery; Carolinas Laparoscopic and Advanced Surgery Program

Clinical Assistant Professor of Surgery, Department of Surgery, University of North Carolina



Philip A. Visser, MD, FACS

Attending Surgeon, General Surgery

Residency: University of Kansas Medical Center

Clinical Assistant Professor, Department of Surgery, University of North Carolina



Richard L. White Jr., MD, FACS

Chief of Surgical Oncology

Co-Director, Breast Program

Co-Director, Cutaneous Malignancy Program

Residency: Georgetown University

Fellowships: Surgical Oncology and Immunotherapy, National Cancer Institute, National Institutes of Health

Clinical Professor, Department of Surgery, University of North Carolina

COMMUNITY TEACHING FACULTY

Robert J. Attorri, MD

Pediatric Surgical Associates, Charlotte

Residency: General Surgery, University of Michigan Hospitals

Fellowship: Pediatric Surgery, Children's National Medical Center
Clinical Assistant Professor of Surgery, Department of Surgery,
University of North Carolina

Daniel A. Bambini, MD, FACS

Pediatric Surgical Associates, Charlotte

Residency: Surgery, Carolinas Medical Center

Fellowships: Cardiovascular and Pediatric Surgery Research,
Children's Hospital of Buffalo; Transplantation and Pediatric Surgical
Research, Children's Memorial Hospital and Northwestern Memorial
Hospital; Pediatric Surgery, Children's Memorial Hospital

Jason S. Burgess, MD, FACS

*Chief, Surgical Services, CMC-Mercy
Surgical Specialists of Charlotte*

Residency: General Surgery, New Hanover Regional Medical Center

Fellowship: Vascular Surgery, Rush-Presbyterian St. Luke's Medical
Center

Graham H. Cosper, MD

Pediatric Surgical Associates, Charlotte

Residency: General Surgery, New Hanover Regional Medical Center

Fellowship: Pediatric Surgery, Arkansas Children's Hospital

Michael W. Dobson, DO

*Surgical Specialists of Charlotte
Surgical Residency Director, CMC-Mercy*

Internship: General Surgery, Northside Hospital and Heart Institute

Residency: General Surgery, New Hanover Regional Medical Center

Fellowship: Colorectal Surgery, Cleveland Clinic Foundation

Charles D. Harr, MD, FACS

Hawthorne Cardiothoracic and Vascular Surgeons, Charlotte

Residency: General Surgery, North Carolina Baptist Hospital

Fellowships: Robert Cordell Cardiothoracic Surgery Research
Fellowship; Cardiothoracic Surgery, North Carolina Baptist Hospital

Clinical Assistant Professor of Surgery, Department of Surgery,
University of North Carolina



Darrell A. Klotz, MD

Charlotte Eye, Ear, Nose and Throat Associates

Internship: General Surgery, University of Rochester

Residency: Otolaryngology, University of Rochester

Fellowship: Laryngology, University of Washington

Duncan Morton Jr., MD, FACS

Pediatric Surgical Associates, Charlotte

Internship: General Surgery, North Carolina Memorial Hospital

Residency: General Surgery, North Carolina Memorial Hospital and
University of Arizona

Fellowships: Research, National Institutes of Health, University of
Arizona; Pediatric Surgery, Children's National Medical Center

Clinical Associate Professor, Department of Surgery, University of
North Carolina

Paul J. Orland, MD, FACS

Southeast Surgical Specialists, Charlotte

Residency: General Surgery, University of Medicine and Dentistry
of New Jersey

Fellowships: Research, University of Medicine and Dentistry of
New Jersey; Vascular Surgery, St. Louis University Hospital

Assistant Professor of Surgery, Department of Surgery, University of
North Carolina



Lee C. Pederson, MD, FACS
Surgical Specialists of Charlotte

Residency: General Surgery, University of Alabama

Fellowship: Surgical Oncology, University of Texas MD Anderson Cancer Center

Clinical Assistant Professor of Surgery, Department of Surgery, University of North Carolina

Andrew M. Schulman, MD
Pediatric Surgical Associates, Charlotte

Residency: General Surgery, University of Virginia Health System

Fellowship: Pediatric Surgery, Children's Hospital and Regional Medical Center

Peter S. Turk, MD, FACS
Carolina Surgical Clinic, Charlotte

Residency: General Surgery, University of Tennessee

Fellowships: Surgical Oncology, Brown University; Clinical Fellowship Award, American Cancer Society

Clinical Assistant Professor of Surgery, Department of Surgery, University of North Carolina

Kristin E. Wagner, MD, FACS
Surgical Specialists of Charlotte

Residency: General Surgery, George Washington University

Fellowships: Research, George Washington University; Surgical Endocrinology, Cleveland Clinic Foundation

Clinical Assistant Professor of Surgery, Department of Surgery, University of North Carolina

James A. Watkins, MD, FACS
Surgical Specialists of Charlotte

Residency: General Surgery, Georgetown University Medical Center

Clinical Assistant Professor of Surgery, Department of Surgery, University of North Carolina

Heidi Weilbach, MD, FACS
Surgical Specialists of Charlotte

Residency: General Surgery, Carolinas Medical Center

Louis H. Zbinden III, MD, FACS
Surgical Specialists of Charlotte

Residency: General Surgery, Carolinas Medical Center

Clinical Assistant Professor of Surgery, Department of Surgery, University of North Carolina

■ VISITING PROFESSORS

2009

July 9-10, 2009

Douglas Evans, MD

*Professor and Chairman, Department of Surgery
Medical College of Wisconsin
Milwaukee, WI*

August 13-14, 2009

Julie Ann Freischlag, MD

*Professor and Chairman, Department of Surgery
Johns Hopkins University
Baltimore, MD*

November 12-13, 2009

Nancy Perrier, MD

*Associate Professor, Department of Surgical Oncology
M.D. Anderson Cancer Center
Houston, TX*

December 3-4, 2009

Steven Strasberg, MD

*Pruett Professor of Surgery
Washington University
St. Louis, MO*



Kelly McMasters, MD, Chairman and Professor of Surgery, Department of Surgery, University of Louisville.

2010

February 4-5, 2010

Fabrizio Michelassi, MD

*Professor and Chairman, Department of Surgery
Weill Medical College of Cornell University
New York, NY*

March 11-12, 2010

Thomas Whalen, MD

*Chairman, Department of Surgery
Lehigh Valley Hospital
Allentown, PA*

June 10-11, 2010

James Fleshman, MD

*Professor of Surgery
Washington University
St. Louis, MO*

July 8-9, 2010

Kelly McMasters, MD

*Chairman and Professor of Surgery, Department of Surgery
University of Louisville
Louisville, KY*

August 12-13, 2010

John Tarpley, MD

*Vanderbilt Medical Center
Nashville, TN*



**SURGICAL
PROGRAMS**



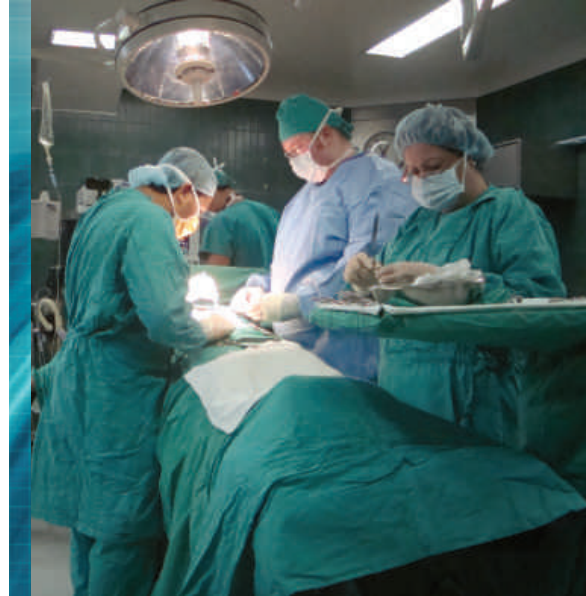
INTERNATIONAL SURGICAL EXPERIENCE

Since 1999, the Department of Surgery has partnered with Hospital Mexico in San José, Costa Rica, to provide fourth-year residents the opportunity to complete one-month rotations.

Supervised by Eduardo Flores, MD, FACS, the purpose of this rotation is to offer residents additional experience in the treatment of gastric cancer, particularly in technical issues relating to gastric resection. Since Costa Rica has one of the highest rates of gastric cancer worldwide, this clinical experience is a unique one for residents. The rotation also provides the opportunity to visit other hospitals in Costa Rica and to gain additional experience in flexible endoscopy, laparoscopic surgery and other techniques offered in San José.

This experience has also stimulated interest by our residents and faculty to participate in international surgical experiences in Africa and Haiti.

The international surgical experience is a distinctive feature of the surgical training program at Carolinas Medical Center. As interest in global medicine grows, the opportunity for surgical trainees to participate in well-structured experiences will become increasingly more valuable.



Experiencing international surgery: Jonathan Gifford, MD, PGY-4, operates at the Hospital Mexico, San José, Costa Rica



SURGERY RESEARCH DIVISION

Carolinas Laparoscopic and Advanced Surgery Program (CLASP) research spans liver tumor abating technology, innovative weight loss procedures, laparoscopic solid organ surgery, hernia biomaterial technology and other areas of hernia research, including mesh implants and wound, pain and infection management.

Wound-related problems are encountered daily by surgeons. CLASP research has focused on Lysostaphin, a promising agent in confronting *Staphylococcus aureus*, the most common bacteria in mesh infections and other wound complications. Lysostaphin can bind to many mesh types and combat and prevent infection for up to eight weeks in animal models. Results show real promise that Lysostaphin could improve patient outcomes.

Iain McKillop, PhD, group director for research, and his team study hepatocellular carcinoma (HCC) and the role that chronic alcohol consumption plays in the disease progression rate. Using silibinin (an extract from the milk thistle plant), the studies assess whether alternative medicines can affect HCC development and progression in the setting of chronic alcohol intake. In addition, research is under way to understand the fundamental aspects of cell transformation during liver cell carcinogenesis. This research is done in collaboration with Todd Heniford, MD, David Iannitti, MD, and John Martinie, MD, and continues to drive the translational nature of studies from bench-to-bedside.

David Foureau, PhD, Richard White, MD, and Jonathan Salo, MD, have made great strides in their study of interleukin-2 (IL-2) for the treatment of late-stage melanoma. Their goal is to identify immune mechanisms that define why patients respond in such dramatically different ways to IL-2 treatment. The long-term goal is to manipulate the immune system of patients who, based on findings, would not respond to therapy.



Translational Research Group

Trauma and critical care research is under the guidance of Toan Huynh, MD, and Susan Evans, MD.

Dr. Huynh's major research interest is the study of systemic shock following traumatic injury, specifically how the liver responds to states of shock and the affects on other major organs. Dr. Evans studies changes in white blood cell responsiveness in patients undergoing cardiac surgery. These studies aim to measure clinical and biological parameters preoperatively and postoperatively, and to use the findings to determine the potential risk of postoperative renal disease in patients.



General Surgery Research Group

DIVISION OF GASTROINTESTINAL AND MINIMALLY INVASIVE SURGERY/ CAROLINAS LAPAROSCOPIC AND ADVANCED SURGERY PROGRAM



CLASP Group

Since 1997, the Division of Gastrointestinal and Minimally Invasive Surgery and Carolinas Laparoscopic and Advanced Surgery Program have focused on patient care, research and education. As the region's first center to exclusively specialize in minimally invasive surgery, CLASP has pioneered many surgical techniques and studied surgical education methods for residents and attending physicians. Over 13 years, CLASP has grown to a staff of 45; eight attending surgeons, three mid-level practitioners and a full-time support staff dedicated to clinical and basic science research. The fellowship program includes 10 surgical fellows in three areas: minimally invasive surgery, hepatobiliary surgery and bariatric surgery.

The division's recent research has resulted in the development of novel techniques for preventing wound complications, hepatic tumor ablation and simulation education. In addition, CLASP has positioned itself as a leader in making operating rooms more environmentally "green."

Given that surgeons encounter wound-related problems daily, Todd Heniford, MD, his colleagues and research team have studied Lysostaphin, a

promising agent in confronting *Staphylococcus aureus*, the most commonly isolated bacteria in mesh infections and other wound complications. Their results show that Lysostaphin can successfully bind to multiple mesh types, combating and preventing infection for up to eight weeks in animal models. These results show real promise that Lysostaphin could impact patient outcomes in a positive way.

Dr. Heniford and his colleagues are participating in the Green OR initiative to improve the environmental impact of CHS beginning in the operating rooms. This includes water conservation, appropriate biohazard waste disposal and battery recycling in operating rooms and intensive care units. Recycled and cleaned surgical instruments have been shipped to third world countries and over 2,000 pounds of batteries have been donated to area hospice houses and child life agencies. This initiative helps CHS make a positive and exponential environmental impact throughout the Carolinas.

BARIATRIC SURGERY PROGRAM

Recently designated an American College of Surgeons Accredited Bariatric Surgery Center, the bariatric surgery program at Carolinas Medical Center is led by division director Keith Gersin, MD. In conjunction with Carolinas Weight Management and Wellness Center, the program offers treatments for obesity, including behavior modification, exercise, pharmacological therapy, information sessions, group therapy and patient classes in a solitary setting.

The surgical team also includes Timothy Kuwada, MD, bariatric surgeon and director of the bariatric fellowship and Dimitrios Stefanidis, MD, PhD, bariatric surgeon and director of surgical simulation. The center staff includes John Cleek, MD, medical director and bariatrician; John Tomcho, DO, RD, bariatrician; Connie Simms, RN, CBN, center director; three center dietitians; one PhD psychologist; mid-level providers; an exercise specialist; nurses; two insurance specialists; two research analysts and additional office personnel.

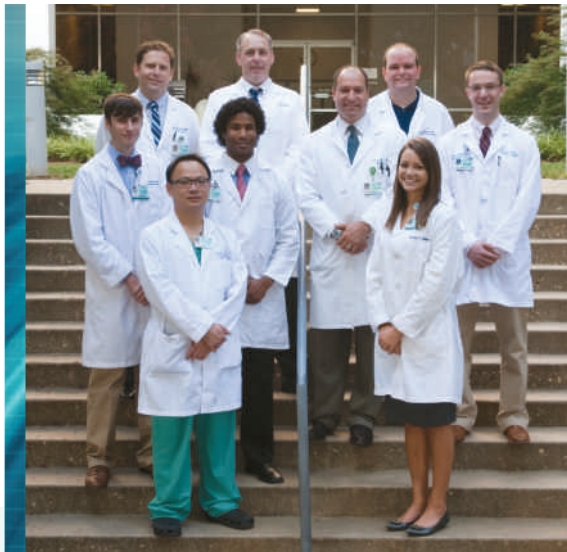
In 2009, over 1,000 new patients enrolled in the bariatric program, which is a 170 percent increase from year one. Of those patients, 431 underwent laparoscopic bariatric surgical procedures, with 58 percent opting for Roux-en-Y gastric bypass, 38 percent receiving adjustable gastric banding and four percent receiving vertical sleeve gastrectomy. This is an increase of 507 percent from year one.

Devoted to educating physicians of tomorrow, the center currently has three bariatric fellows. In addition to clinical excellence, the bariatric division has an active research program. Over the past year, posters, videos and oral presentations have been featured at the American Society for Metabolic and Bariatric Surgery, Society of American Gastrointestinal and Endoscopic Surgeons annual conferences, Society for Surgery of the Alimentary Tract, Southwestern Surgical Congress and Southeastern Surgical Congress. Since February 2010, the bariatric division has participated in an observational study tracking the first patients implanted with the Ethicon-Endo Surgery, Inc., Realize® Band-C by Dr. Keith Gersin. Nationwide, 240 patients are participating in this study, 28 of whom are from our program.



Bariatric Faculty

HEPATO-PANCREATO-BILIARY PROGRAM



Hepato-Pancreato-Biliary Surgery Research Group

The Hepato-Pancreato-Biliary program, directed by David Iannitti, MD, focuses on innovative clinical treatments, contributing to academic literature and educational program development. The HPB program's multidisciplinary approach integrates hepatobiliary surgery, gastroenterology, hepatology and liver transplantation for liver, pancreas and bile duct diseases. Patients are afforded the latest treatments, including interventional radiology, medical oncology and radiation therapy. Through research protocols, the HPB program has pioneered the development of technologies such as microwave ablation.

During the last year, referrals of patients with complicated HPB diseases have produced a 34 percent increase in outpatient visits and a 13 percent increase in surgical case volume. The laparoscopic liver and pancreatic surgery program includes robotic surgery, primarily under the direction of John Martinie, MD, a certified training instructor in the use of the DaVinci® Robotic System. David Sindram, MD, PhD, has recently joined the faculty, bringing his research experience and clinical specialties to the practice.

Education and research are critical components of the division's goals. The two-year HPB surgery fellowship is one of only twelve accredited training programs in the United States. HPB fellows devote the first year to laboratory and clinical research and the second year to clinical hepatobiliary surgery and liver transplantation. The HPB program was featured at the April 2010 International Hepato-Pancreato-Biliary Association meeting held in Buenos Aires with 28 papers, symposium lectures, videos and posters by faculty, fellows and research directors, including a full-day post-graduate course titled Advances in Ultrasonography, Liver Ablation and Laparoscopic Liver Resection.

The program's educational outreach for attending surgeons and trainees includes courses on advanced hepatobiliary surgery, particularly laparoscopic hepatobiliary surgery, laparoscopic pancreatotomy, ablation techniques and robotic laparoscopic surgery. The division's premier educational opportunity is the Annual Liver Course, a full-day continuing medical education symposium bringing together physicians who participate in the multidisciplinary care of HPB patients.



*HPB faculty, left to right:
David Iannitti, MD,
and John Martinie, MD*

CAROLINAS SIMULATION CENTER

The 2009-2010 academic year has been a time of growth and accomplishment for Carolinas Simulation Center. Led by medical director Dimitrios Stefanidis, MD, PhD, surgery faculty, and simulation coordinator Dawn Swiderski, our team now includes faculty members John Green, MD, trauma/critical care surgeon, and Paul Montero, MD, laparoscopic surgical fellow.



Research projects from the simulation center have been presented at the 2009 American College of Surgeons Clinical Congress and education institute consortium meetings, Association for Surgical Education (ASE), 2010 Southeastern Surgical Congress and the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES). The ASE presentation on automaticity received the best paper award. In addition, we recently submitted an Agency for Healthcare Research and Quality grant on mental skills training.

Our primary objective remains education and patient safety. Our skills curriculum for surgical residents includes electrosurgery, ultrasound and emergent thoracotomy – all of which are generally poorly taught in the didactic setting. We have implemented modules from the Association of Program Directors in Surgery national skills curriculum and incorporated more scenario-based training using SimMan® high fidelity capabilities. Our educational modules enhance guest faculty participation and address resident requested

topics.

The Simulation Center has acquired new procedural modules for Simbionix™ virtual reality laparoscopy simulators and the ProMIS™ bodyform hybrid simulator, with which we can record motion metrics (path length, movement economy and ambidexterity). We will soon have an endoscopy simulator for use by surgery residents, gastrointestinal fellows and course attendees.

We plan future research projects associated with motion metrics in laparoscopic training, mental skills training and automaticity in surgery. The simulation center team is creating new educational modules that address team training with emergency medicine residents, nurses and anesthesiologists. Our goal is to standardize all practices and protocols used in instruction, assessment and debriefing of learners and in the evaluation of instructors. We believe the establishment of common criteria will ensure consistent, quality education.



DIVISION OF SURGICAL ONCOLOGY

The Division of Surgical Oncology continues to expand its efforts with 8,000 outpatient visits at Blumenthal Cancer Center and 1,300 surgical procedures in 2009, a 10 percent increase in surgical volume from 2008. To accommodate this growth, we have expanded our division to Carolinas Medical Center-Pineville. Terry Sarantou, MD, established clinic there in September 2009 with such success that additional space is being built. In addition, Dr. Sarantou's interest in thyroid and parathyroid surgery has helped us increase our endocrine services.

The Division of Surgical Oncology has expanded services in minimally invasive esophagectomy in collaboration with Sanger Cardiothoracic Surgery and Carolinas Gastrointestinal Center. Leapfrog Group has suggested that hospitals performing 13 or more esophagectomy procedures per year have better outcomes. The division's esophagectomy volume now exceeds Leapfrog Group's recommendations. In addition, our minimally invasive techniques have shortened the median hospital stay to 10 days, compared with a national average of 16 days.

Publication of our experience and the work of others on intra-operative radiocolloid injection in patients with breast cancer has established this as arguably the preferred way for patients to avoid the pain of radiocolloid injection while allowing optimal identification of sentinel nodes.



Surgical Oncology Group



Surgical oncology faculty, left to right: Teresa Flippo-Morton, MD; Richard White, MD; Jonathan Salo, MD; Frederick Greene, MD

In 2009, the surgical oncology team treated 900 patients with breast cancer; nearly 500 of whom had a new cancer diagnosis. We performed over 500 breast cancer operations. Based on this volume and our educational mission, we established a breast fellowship funded by the Charis Fellowship Foundation. With a team that includes Dr. Teresa Flippo-Morton, this multidisciplinary fellowship program focuses on

experience in breast surgery, breast imaging, breast pathology, genetics, medical oncology and radiation oncology. Sandeepa Musunuru, MD, who recently completed her surgical residency at the University of Wisconsin, has joined the Division of Surgical Oncology as our first breast fellow.

ACUTE CARE SURGERY

Acute care surgery, dedicated to the care of emergency surgical patients, is a relatively new trend in the United States. It is a step toward solving the problem of fragmentation of care, which plagues many institutions. Carolinas Medical Center's Acute Care Surgery Division, under the direction of Gamal Mostafa, MD, FRCS, FACS, is a leader in the development of this continuity-of-care-based approach.



Members of the acute care surgery service completed 1,161 general surgical operations and 2,958 office visits in 2009. The acute care surgery service covers nearly all non-trauma surgical emergencies at our facility and has streamlined all aspects of care under one division. The diverse nature of surgical problems treated on the service is a practical translation of our philosophy that general surgery will remain a viable and essential specialty in the current era of changes in surgical training and education. Therefore, the service provides real models and mentorship for surgical trainees who aspire to a career as a general surgeon.

The division consists of a core group of surgical attending physicians, including three trauma surgeons. Several surgical residents, including two chief residents, rotate on the service. All are dedicated to the division and to providing excellent and consistent care, a commitment which has resulted in overall improved outcomes.

In addition to increasing the quality of care patients receive, the integrated acute care division gives residents valuable access to surgical training across a broad spectrum of surgical diseases. In many cases, residents encounter conditions that they might otherwise experience only by rotating on several different services. A wide variety of surgical pathology is seen. Surgical residents are involved in the complete care and management of acute care patients, from decision-making, preoperative planning and treatment to postoperative care.



TRAUMA, SURGICAL CRITICAL CARE AND ACUTE CARE SURGERY



Trauma and Surgical Critical Care Group

The F.H. “Sammy” Ross Jr., Trauma Center is the referral destination for acute trauma patients in Mecklenburg and 14 surrounding counties throughout the Carolinas. The center is verified by the American College of Surgeons and the state of North Carolina as a Level I trauma center.

The trauma center and acute care surgical service are working to blend the missions of these two important services. Core members of the center include Britt Christmas, MD; Susan Evans, MD; John Green, MD; Toan Huynh, MD; David Jacobs, MD; William Miles, MD; Lauren Paton, MD; Lynn Schifferrn, MD; Ronald Sing, DO; and Gamal Mostafa, MD, chief of acute care surgery. All are board certified in general surgery and surgical critical care. Philip Visser, MD, provides weekend coverage for the busy acute care surgery service. Our team is dedicated to developing and implementing evidence-based guidelines for patient care, in conjunction with regional trauma education and injury control programs. Trauma faculty hold leadership positions in the American College of Surgeons Committee on Trauma, the American Association for the Surgery of Trauma, the Eastern Association for the Surgery of Trauma and the Society of Critical Care Medicine.

In 2009, the Ross Trauma Center provided care to 2,600 patients. Carolinas Medical Center opened a new, 29-bed surgical trauma intensive care unit in 2007 to support the increasing volume of complex surgical procedures performed by surgical specialists in transplantation, hepatobiliary surgery, vascular surgery, urologic and gynecologic oncology surgery and others. An ACGME-approved surgical critical care fellowship program started in July 2010 with plans to add a fellowship in acute care surgery.

Researchers in the trauma center's basic science laboratory study the effects of systemic inflammation on changes in regional blood flow. Current projects examine the mechanisms causing changes in liver blood flow after trauma and severe infection.

TRANSPLANT PROGRAM

Carolinas Medical Center has grown to become the largest liver transplant program in North Carolina, performing 64 liver transplants in 2009. We are also one of the largest pediatric liver transplant programs in the southeast, performing liver transplants on seven patients under age 18 during 2009. Despite this tremendous growth, the liver program has one of the shortest waiting list times regionally (three months) and continues to have excellent patient survival (90 percent per January 2010 Scientific Registry of Transplant Recipients data). Our transplant team has the experience and resources to comprehensively handle complex medical and surgical problems in this patient population, especially for those who might have been turned down by other transplant centers. Major insurance carriers in the United States recognize our program as a center of excellence. To meet the demands of our rapidly expanding patient population, we plan to add transplant hepatologists and transplant surgeons to our practice during 2010.

The kidney transplant program at CMC has performed more than 2,000 adult and pediatric transplants since its inception, including 135 in 2009. A multidisciplinary team of transplant surgeons, nephrologists, surgical residents, certified clinical transplant coordinators, social workers and physician assistants provide life-long care of transplant patients beginning with the initiation of the transplant evaluation. Live donor nephrectomies are performed laparoscopically. The simultaneous kidney/pancreas program is among the 25 most active programs in the country, with a median wait time of only four months. For the past four years, the program has boasted 100 percent kidney/pancreas patient survival.



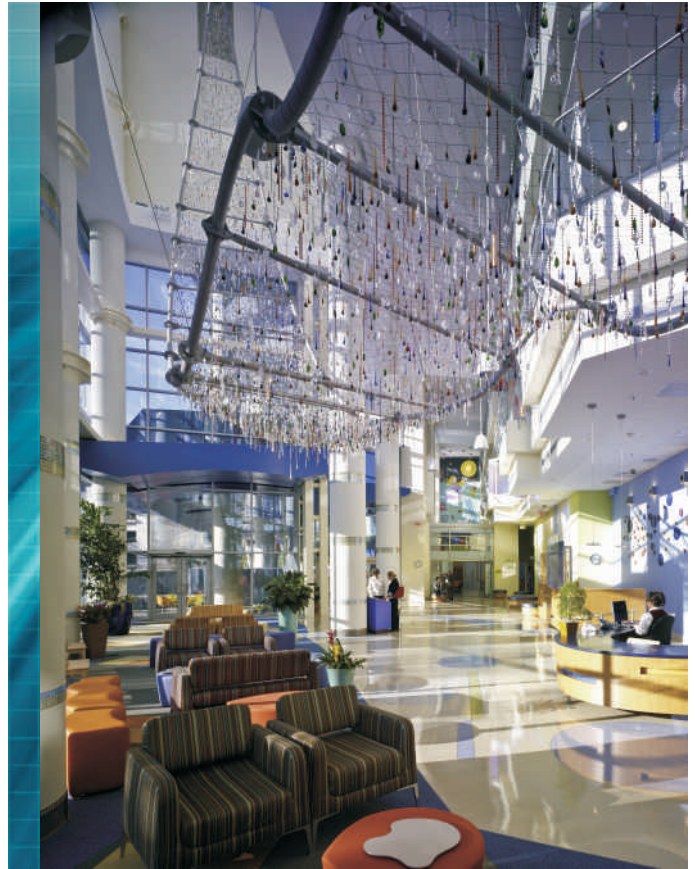
Transplant Group

PEDIATRIC SURGERY PROGRAM

The pediatric surgery program continues to enjoy growth across the comprehensive spectrum of children's thoracic and general surgical care, including advanced laparoscopic services. In 2009, the addition of a fifth board certified pediatric surgeon created one of the largest pediatric surgical departments in the Carolinas. We provide 24-hour care for pediatric patients, including inpatient, outpatient and emergency services.

We provide support to all Carolinas HealthCare System network facilities. The inpatient surgical service at Levine Children's Hospital is the largest and busiest clinical service of its kind in the region. Additionally, our neonatal surgical experience is also the largest in the Carolinas.

As the program has grown, we now commit one surgeon full time to the inpatient service while other surgeons cover outpatient surgery at the One Day Surgery Center at CMC, and outpatient office visits in two full time offices in Charlotte and one part time office in Gastonia. Accordingly, children who need to be seen immediately can be accommodated without having to use the Emergency Department. Furthermore, children who are being evaluated by our pediatric specialists and who require surgical consultation can be seen immediately in that specialist's office rather than traveling to another office or returning on a different day.



In addition to more than 3,000 office visits during 2009, members of the pediatric surgery service performed more than 2,500 surgical procedures. Compared with 2008, several hundred additional patients at Levine Children's Hospital were seen in consultation during 2009. Collaborative projects with our pediatric colleagues in the areas of gastrointestinal disorders, oncology and transplantation are areas of current focus and future growth.



SCHOLARLY ACTIVITIES



RESEARCH AWARDS

Prabhu AS, Smith W, Yurko YY, Acker CE, Heniford BT, Stefanidis D. *Increased stress level may explain the incomplete transfer of simulator acquired skill to the operating room.* North Carolina Chapter of the American College of Surgeons Committee on Trauma, Asheville, NC, July 19, 2009. **Third Place in Resident/Fellow Paper Competition.**

Schmelzer TM, Barrett MC, Christmas AB, Norton HJ, Heniford BT, Sing RF. *Vancomycin intermittent dosing versus continuous infusion for treatment of ventilator-associated pneumonia in trauma patients.* North Carolina Chapter of the American College of Surgeons Committee on Trauma, Asheville, NC, July 19, 2009. **First Place in Resident/Fellow Paper Competition.**

Schmelzer TM, Barrett MC, Christmas AB, Norton HJ, Heniford BT, Sing RF. *Vancomycin intermittent dosing versus continuous infusion for treatment of ventilator-associated pneumonia in trauma patients.* Region 4 American College of Surgeons Committee on Trauma Resident Paper Competition, New Orleans, LA, November, 2009. **First Place in Region 4 Resident/Fellow Paper Competition.**

Stefanidis D. *Simulator training to automaticity leads to improved skill transfer compared to traditional proficiency-based training.* Association for Surgical Education, San Antonio, TX, April 2010. **Paper of Distinction.**

Taylor DA, Christmas AB, Sing RF. *Placement of vena cava filters at the bedside: Reducing costs and complications.* 2009 American Academy of Nurse Practitioners, Nashville, TN, June 19, 2009. **First Place Award, Poster Competition.**

Walters KC, Paton BL, Norton HJ, Lincourt AE, Kercher KW, Heniford BT. *Appendiceal adenocarcinoma in the United States – Survival related to subtype.* Southeastern Surgical Congress, Atlanta, GA, February 7-10, 2009. **Southeastern Surgical Congress Gold Medal Forum.**



ACHIEVEMENTS

Dr. and Mrs. Shipp and their family have committed \$250,000 to establish the John & Reba Shipp Minimally Invasive Surgery Endowment benefiting Carolinas Medical Center.

Christmas AB. Brandeis leadership scholarship (Heller School of Health Policy and Management) awarded by the Eastern Association for the Surgery of Trauma Foundation, June 2010.

Greene JM. Attending of the Year 2009-2010, Department of Surgery, Carolinas Medical Center.

Greene JM, Huynh TT, and Flippo-Morton TS. Mentors of the Year 2009-2010, Department of Surgery, Carolinas Medical Center.

Jacobs DG. Community Service Award 2010 presented by *Pride Magazine* for outstanding work in youth violence prevention.

Miles WS. Presidential Citation Award for service and dedication to the goals and mission of the Society of Critical Care Medicine, January, 2010.

Stefanidis D. Carolinas Simulation Center, Education Institute Accreditation by the American College of Surgeons, 2009.

White RL Jr and Blumenthal Cancer Center. \$400,000 gift endowment for the Charis Cancer Fellowship Program. This endowment is used to fund a breast surgery fellowship at Blumenthal Cancer Center.

White RL Jr and Blumenthal Cancer Center Breast Program. Three-year accreditation by the National Accreditation Program for Breast Centers.

PEER-REVIEWED JOURNAL
ARTICLES & LETTERS TO THE
EDITOR

Brandon-Warner E, Sugg A, Schrum LW, McKillop IH. *Silibinin inhibits ethanol metabolism and ethanol-dependent cell proliferation in a rat model of hepatocellular carcinoma.* Cancer Letters 2010;291:120-129.

Bromberg WJ, Collier BC, Diebel LN, Dwyer KM, Holevar MR, Jacobs DG, Kurek SJ, Schreiber MA, Shapiro ML, Vogel TR. *Blunt cerebrovascular injury practice management guidelines: The Eastern Association for the Surgery of Trauma.* J Trauma 2010;68:471-477.

Buell JF, Cherqui D, Geller DA, O'Rourke N, Iannitti D, Dagher I, Koffron AJ, Thomas M, Gayet B, Han HS, Wakabayashi G, Belli G, Kaneko H, Ker CG, Scatton O, Laurent A, Abdalla EK, Chaudhury P, Dutson E, Gamblin C, D'Angelica M, Nagorney D, Testa G, Labow D, Manas D, Poon RT, Nelson H, Martin R, Clary B, Pinson WC, Martinie J, Vauthey JN, Goldstein R, Roayaie S, Barlet D, Espot J, Abecassis M, Rees M, Fong Y, McMasters KM, Broelsch C, Busuttil R, Belghiti J, Strasberg S, Chari RS. *The international position on laparoscopic liver surgery: The Louisville Statement, 2008.* Ann Surg 2009;250:825-830.

Christmas AB, Brintzenhoff RA, Sing RF, Schmelzer TM, Bolton SD, Miles WM, Thomason MH. *Resident work hour restrictions impact chief resident operative experience.* Am Surg 2009;75:1065-1068.

Christmas AB, Camp S, Barrett MC, Schmelzer TM, Norton HJ, Huynh TT, Thomason MH, Sing RF. *Removal of erythropoietin from anemia trauma practice guideline does not increase red blood cell transfusions and decreases hospital utilization costs.* Injury 2009;40:1330-1335.

Christmas AB, Knick BN, Motameni AT, Miles WS. *Identification of traumatic right-sided diaphragm rupture in a patient with newly diagnosed situs inversus.* Surgery 2010;148:607-608.

Dolce CJ, Keller JE, Buckingham J, Norton HJ, Heniford BT, Kuwada TS, Gersin KS. *Does liver appearance predict histopathologic findings? A prospective analysis of routine liver biopsies during bariatric surgery.* Surg Obes Relat Dis 2009;5:323-328.

Dolce CJ, Keller JE, Walters KC, Griffin D, Norton HJ, Heniford BT, Kercher KW. *Laparoscopic versus open live donor nephrectomy: Outcomes analysis of 266 consecutive patients.* Surg Endosc 2009;23:1564-1568.

Dolce CJ, Stefanidis D, Keller JE, Walters, KC, Newcomb WL, Heath JJ, Norton HJ, Lincourt AE, Kercher KW, Heniford BT. *Pushing the envelope in biomaterial research: initial results of prosthetic coating with stem cells in a rat model.* Surg Endosc 2010; March 27 [Epub ahead of print].

Fairfax LM, Christmas AB, DeAugustinis M, Gordon L, Head K, Jacobs DG, Sing RF. *Has the pendulum swung too far? The impact of missed abdominal injuries during the era of non-operative management.* Am Surg 2009;75:558-564.

Fairfax LM, Christmas AB, Green JM, Miles WS, Sing RF. *Operative experience in the era of duty hour restrictions: Is the broad-based general surgery training coming to an end?* Am Surg 2010;76:578-582.



Foureau DM, Mielcarz DW, Menard LC, Schultess J, Werts C, Levasseur V, Ryffel B, Kasper LH, Buzoni-Gatel D. *TLR9-dependant induction of intestinal alpha-defensins by Toxoplasma gondii.* J Immunol 2010;184:7022-7029.

Gersin KS, Rothstein RI, Rosenthal RJ, Stefanidis D, Deal SE, Kuwada TS, Laycock W, Adrales G, Vassilou M, Szomstein S, Heller S, Joyce AM, Heiss F, Nepomnashy D. *Open label, sham-controlled trial of an endoscopic duodenojejunal bypass liner for perioperative weight loss in bariatric surgery candidates.* Gastrointest Endosc 2010;71:976-982.

Gunderson LL, Jessup JM, Sargent DJ, Greene FL, Stewart A. Revised TN categorization for colon cancer based on national survival outcomes data. *J Clin Oncol* 2010;28:264-271.

Gunderson LL, Jessup JM, Sargent DJ, Greene FL, Stewart A. Revised tumor and node categorization for rectal cancer based on surveillance, epidemiology, and end results and rectal pooled analysis outcomes. *J Clin Oncol* 2010;28:256-263.



Heneghan S, Myers J, Fanelli R, Richardson W, Society of American Gastrointestinal Endoscopic Surgeons Guidelines Committee (Stefanidis D and others). Society of American Gastrointestinal Endoscopic Surgeons (SAGES) guidelines for office endoscopic services. *Surg Endosc* 2009;23:1125-1129.

Hope WW, Heniford BT, Norton HJ, Lincourt AE, Teigland CM, Kercher KW. Duration and clinical significance of radiographically detected "free air" after laparoscopic nephrectomy. *Surg Laparosc Endosc Percutan Tech* 2009;19:415-418.

Hope WW, Iannitti DA. An algorithm for managing patients who have Composix® Kugel® ventral hernia mesh. *Hernia* 2009;13:475-479.

Hubbard R, Ducey T, Kercher KW, Teigland CM. Re: A retrospective comparison of two methods of intraoperative margin evaluation during partial nephrectomy [Letter]. *J Urol* 2009;182:1231.

Huprich JE, Rosen MP, Fidler JL, Gay SB, Grant TH, Greene FL, Lalani T, Miller FH, Rockey DC, Sudakoff GS, Gunderman R, Coley BD. ACR appropriateness criteria on Crohn's disease. *J Am Coll Radiol* 2010;7:94-102.

Huynh TT, Blackburn A, McMittleton-Nyatui D, Moran K, Thomason MH, Jacobs DG. An initiative by mid-level providers to conduct tertiary survey at a level-I trauma center. *J Trauma* 2010;68:1052-1058.

Ivanina AV, Eilers S, Kurochkin IO, Chung JS, Techa S, Piontkivska H, Sokolov EP, Sokolova IM. Effects of cadmium exposure and intermittent anoxia on nitric oxide metabolism in eastern oysters, *Crassostrea virginica*. *J Experiment Biol* 2010;213:433-444.

Ivanina AV, Sokolov EP, Sokolova IM. Effects of cadmium on anaerobic energy metabolism and mRNA expression during air exposure and recovery of an intertidal mollusk *Crassostrea virginica*. *Aquat Toxicol* 2010;99:330-342.

Jacobs DG, Sarafin JL, Christmas AB, Evans SL, Huynh TT, Miles WS, Schiffern LM, Sing RF, Thomason MH. Trauma attending physician continuity: Does it make a difference? *Am Surg* 2010;76:48-54.

Jacobs DG, Sarafin JL, Norton HJ, Christmas AB, Huynh T, Sing, RF. Wasted hospital days impair the value of length-of-stay variables in the quality assessment of trauma care. *Am Surg* 2009;75:794-803.

Keller JE, Dolce CJ, Heniford BT, Kercher KW. Maximizing the donor pool: use of right kidneys and multiple arteries for live donor kidney transplant. *J Surg Endosc* 2009;181:500-505.

Keller JE, Dolce CJ, Walters KC, Heath JJ, Peindl RD, Kercher KW, Lincourt AE, Heniford BT, Iannitti DA. Effect of bacterial exposure on acellular human dermis in a rat ventral hernia model. *J Surg Research* 2010;162:148-152.

Kern B, Ivanina AV, Piontkivska H, Sokolov EP, Sokolova IM. Molecular characterization and expression of a novel homolog of uncoupling protein 5 (UCP5) from the eastern oyster *Crassostrea virginica* (Gmelin) (Bivalvia: Ostreidae). *Comp Biochem Physiol* 2009;4:121-127.

Kohn GP, Martinie JB. Laparoscopic robot-assisted completion cholecystectomy: A report of three cases. *Int J Med Robot* 2009;5:406-409.

Lorenz JM, Funaki BS, Ray CE Jr, Brown DB, Gemery JM, Greene FL, Kinney TB, Kostelic JK, Millward SE, Nemcek AA Jr, Owens CA, Reinhart RD, Rockey DC, Silberzweig JE, Vatakencherry G. ACR appropriateness criteria on percutaneous catheter drainage of infected fluid collections. *J Am Coll Radiol* 2009;6:837-843.

McClellan JM, Kercher KW, Mah NA, Zerey M, Heniford BT, Irby PB, Burks RT, Weida C, Teigland CM. *Strategies in the management of renal tumors amenable to partial nephrectomy.* Surg Endosc 2009;23:2161-2166.

Montero PN, Robinson TN, Weaver JS, Stieglmann GV. *Insulation failure in laparoscopic instruments.* Surg Endosc 2010;24:462-465.

Nguyen PH, Acker CE, Heniford BT, Stefanidis D. *What is the cost associated with the implementation of the FLS program into a general surgery residency?* Surg Endosc 2010; May 4 [Epub ahead of print].

Ochoa-Repáraz J, Mielcarz DW, Ditrio LE, Burroughs AR, Foureau DM, Haque-Begum S, Kasper LH. *Role of gut commensal microflora in the development of experimental autoimmune encephalomyelitis.* J Immunol 2009;183:6041-6050.

Padma S, Iannitti DA, Martinie JB. *Liver tumor ablation: Percutaneous and open approaches.* J Surg Oncology 2009;16:100:619-634.

Padma S, Martinie JB, Iannitti DA. *Liver ablation technologies – An overview.* J Intervent Oncol 2009;1:43-53.

Prabhu AS, Smith W, Yurko YY, Acker CE, Heniford BT, Stefanidis D. *Increased stress level may explain the incomplete transfer of simulator acquired skill to the operating room.* Surgery 2010;147:640-645.

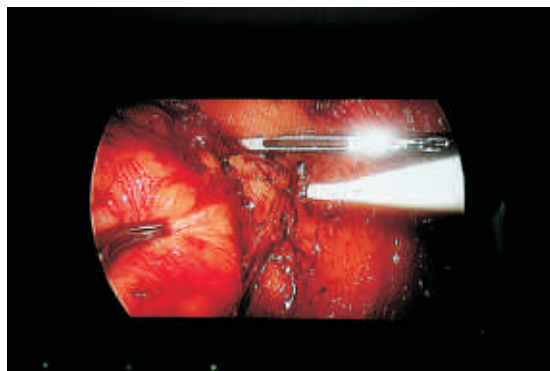
Pryor AD, SAGES Research and Career Development Committee. A monograph for academic career development. Includes link to additional electronic supplementary material: **Pryor A, Bachman SL, Fisichella PM, Gamelli RL, Madan AK, Matthews BD, Matthews JB, Stefanidis D, Urbach DR, Torquati A.** *Life planning, career planning, grant preparation, manuscript writing, and manuscript review.* Surg Endosc 2010;24:1211-1212.

Richardson WS, Stefanidis D, Chang L, Earle DB, Fanelli RD. *The role of diagnostic laparoscopy for chronic abdominal conditions – An evidence-based review.* Surg Endosc 2009;23:2073-2077.

Richardson WS, Stefanidis D, Mittal S, Fanelli RD. *SAGES guidelines for the use of laparoscopic ultrasound.* Surg Endosc 2010;24:745-756.

Rodriguez L, Reyes E, Fagalde P, Oltra MS, Saba J, Aylwin CG, Prieto C, Ramos A, Galvao M, Gersin KS, Sorli C. *Pilot clinical study of an endoscopic, removable duodenal-jejunal bypass liner for the treatment of type 2 diabetes.* Diabetes Technol Ther 2009;11:725-732.

Scannell BP, Waldrop NE, Sasser HC, Sing RF, Bosse MJ. *Skeletal traction versus external fixation in the initial temporization of femoral shaft fractures in severely injured patients.* J Trauma 2010;68:633-640.



Sindram D, Lau KN, Martinie JB, Iannitti DA. *Hepatic tumor ablation.* Surg Clin North Am 2010;90:863-876.

Sing RF. Book review. *Manual of Emergency Airway Management.* J Trauma 2009;66:1259.

Stefanidis D. *Optimal acquisition and assessment of proficiency on simulators in surgery.* Surg Clin North Am 2010;90:475-489.

Stefanidis D, Hope WW, Korndorffer JR Jr, Markley S, Scott DJ. *Initial laparoscopic basic skills training shortens the learning curve of laparoscopic suturing and is cost effective.* J Am Coll Surg 2010;210:436-440.

Stefanidis D, Kuwada TS, Gersin KS. *The importance of the length of the limbs for gastric bypass patients – an evidence-based review.* Obes Surg 2010; Aug 1 [Epub ahead of print].

Stefanidis D, Miles WS, Greene FL. *Factors influencing residency choice of general surgery applicants – how important is the availability of a skills curriculum?* J Surg Educ 2009;66:325-329.

Stefanidis D, Richardson WS, Fanelli RD, SAGES Guidelines Committee. *What is the utilization of the SAGES guidelines by its members?* Surg Endosc 2010; May 20 [Epub ahead of print].

Stefanidis D, Scott DJ, Korndorffer JR Jr. *Do metrics matter? Time versus motion tracking for performance assessment for proficiency-based laparoscopic skills training.* Simul Healthc 2009;4:104-108.

Stefanidis D, Wang F, Korndorffer JR Jr, Dunne JB, Scott DJ. *Robotic assistance improves intracorporeal suturing performance and safety in the operating room while decreasing operator workload.* Surg Endosc 2010;24:377-382.

Stell VH, Norton HJ, Flippo-Morton TS, White RL. *Effect of intraoperative radiocolloid injection on sentinel node biopsy in patients with breast cancer.* Ann Surg Oncol 2009;16:2300-2304.

Whitfield JD, Mostafa G. *Images in clinical medicine: Ileocecal intussusception.* N Engl J Med 2009;361:e55.

Woodle ES, Daller JA, Aeder M, Shapiro R, Sandholm T, Casingal VP, Goldfarb D, Lewis RM, Goebel J, Siegler M; Paired Donation Network. *Ethical considerations for participation of nondirected living donors in kidney exchange programs.* Am J Transplant 2010;10:1460-1467.



EDITORIALS

Greene FL. *The need for assessment and reassessment of the hospital cancer conference.* Ann Surg Oncol 2009;16:2673-2674.

Salo JC. *Surgery for esophageal cancer: Quality of life matters.* Ann Surg Oncol 2010;17:12-13.

FACULTY-EDITED BOOKS

Edge SB, Byrd DR, Compton CC, Fritz AG, Greene FL, Trotti A (eds). *AJCC Cancer Staging Manual*, 7th edition. New York: Springer, 2009.

Greene FL and Heniford BT (eds). *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

FACULTY & STAFF BOOK CHAPTERS

Arru JM, Greene FL. Minimally invasive surgery in oncology. In: Frezza EE, Gagner M, Li MKW (eds), *International Principles of Laparoscopic Surgery*. Woodbury, CT: Cine-Med Pub, Inc., 2010, pp. 175-184.

Christmas AB, Sing RF. Bedside insertion of vena cava filters in the intensive care unit. In: Frankel HL, deBoisblanc B, Bennett P (eds), *Bedside Procedures for the Intensivist*. New York: Springer, 2010.

Greene FL. Application of cancer biology. In: Leong S (ed), *Cancer Staging and Predicting Clinical Outcomes from Local Invasion to Metastatic Cancer*. New York: Humana Press, 2009, pp. 381-388.

Greene FL. Indications and general oncologic principles. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

Greene FL. Pneumoperitoneum: Metabolic and mechanical effects. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

Greene FL and Heniford BT. Future prospects. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

Kercher KW. Laparoscopic adrenalectomy for metastatic disease. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

Kercher KW, Prabhu A. Laparoscopic inguinal hernia repair: transabdominal preperitoneal approach. In: *American College of Surgeons Multimedia Atlas of Surgery: Hernia Surgery*. Cine-Med, 2009.

Kercher KW, Teigland CM. Laparoscopic management of renal cell carcinoma. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

Layton BD, Greene FL. Endoscopic palliation of unresectable cancers of the esophagus. In: Soper NJ, Swanstrom LL, Eubanks WS (eds), *Mastery of Endoscopic and Laparoscopic Surgery*, 3rd edition. Philadelphia: Lippincott Williams and Wilkins, 2009, pp. 188-197.

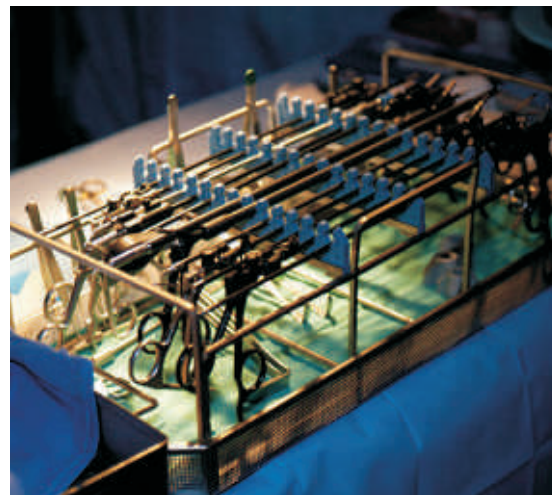
Martinie JB, Smeaton SM. Laparoscopic approaches to pancreatic endocrine tumors. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.



Prabhu AS, Heniford BT. Electrosurgical devices in laparoscopy. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

Prabhu AS, Heniford BT. Laparoscopic resection of gastric GIST. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

Schmelzer TM. Neonatal ascites. In: Arensman RM, Bambini DA, Almond PS, Adolph V, Radhakrishnam J (eds), *Pediatric Surgery*, 2nd edition. Austin: Landes Bioscience, 2010.



Schmelzer TM. Neonatal trauma and birth injuries. In: Arensman RM, Bambini DA, Almond PS, Adolph V, Radhakrishnam J (eds), *Pediatric Surgery*, 2nd edition. Austin: Landes Bioscience, 2010.

Schmelzer TM. Testicular tumors. In: Arensman RM, Bambini DA, Almond PS, Adolph V, Radhakrishnam J (eds), *Pediatric Surgery*, 2nd edition. Austin: Landes Bioscience, 2010.

Sindram D, Iannitti DA. Laparoscopic ablation of liver tumors. In: Greene FL and Heniford BT (eds), *Minimally Invasive Cancer Management*, 2nd edition. New York: Springer, 2010.

Sing RF, Sullivan JM. Gunshot/shotgun injuries. In: Rivello R (ed), *Manual of Forensic Emergency Medicine: A Guide for Clinicians*. Sudbury, MA: Jones and Bartlett Publishers, 2010, pp. 89-97.

Walters KC, Bambini DA. Caustic esophageal injury and perforation. In: Arensman RM, Bambini DA, Almond PS, Adolph V, Radhakrishnam J (eds), *Pediatric Surgery*, 2nd edition. Austin: Landes Bioscience, 2010.

Walters KC, Superina R, Bambini DA. Gastrointestinal duplications and mesenteric cysts. In: Arensman RM, Bambini DA, Almond PS, Adolph V, Radhakrishnam J (eds), *Pediatric Surgery*, 2nd edition. Austin: Landes Bioscience, 2010.

Walters KC, Bambini DA. Upper airway obstruction in the newborn. In: Arensman RM, Bambini DA, Almond PS, Adolph V, Radhakrishnam J (eds), *Pediatric Surgery*, 2nd edition. Austin: Landes Bioscience, 2010.

PRESENTATIONS & LECTURES

Agee N, Freeman KE, Bell RC. *Outcomes for para-esophageal hernia repairs using AlloMax*, an acellular dermal matrix graft.* Biologic Scaffolds for Regenerative Medicine-Sixth Symposium, Napa Valley, CA, April 25-27, 2010.

Agee N, Lau KN, Heath JJ, Norton HJ, Lincourt AE, Martinie JB, Iannitti DA. *Helical mesh fixation: evaluation of a new construct design.* American Hernia Society, Orlando, FL, March 17-20, 2010.

Agee N, Montero PN, Lincourt AE, Hope WW, Kercher KW, Stefanidis D, Heniford BT. *Does timing of operative care during fellowship training impact patient care?* Association for Academic Surgery, San Antonio, TX, February 3-5, 2010.

Blackwell TH, Garvey JL, Craig S, Miles WS, Jacobs DJ, Bosse MJ, Sing RE. *Preparing for disaster: The Carolinas MED-1.* American College of Surgeons, October 15, 2009.

Brandon-Warner E, Schrum LW, McKillop IH. *Silibinin promotes hepatic tumor progression in male mice using a chronic ethanol feeding model.* Research Society on Alcoholism, San Antonio, TX, June 26-30, 2010.



Brintzenhoff RA, Colavita PD, Stefanidis D, Sing RE, Heniford BT. *Optimizing operating room time efficiency: additional obstacles to efficient case flow.* Association for Academic Surgery, San Antonio, TX, February 3-5, 2010.

Brintzenhoff RA, Nguyen PH, Wolff C, Norton HJ, Lincourt AE, Heniford BT, Kercher KW. *Optimal management of incisional hernia after renal transplantation.* American Hernia Society, Orlando, FL, March 17-20, 2010.

Brintzenhoff RA, Prabhu AS, Stanley G, Norton HJ, Lincourt AE, Kercher KW, Heniford BT. *Subcutaneous talc and fibrin glue decrease postoperative wound complications after massive open ventral hernia repair with panniculectomy.* Association for Academic Surgery, San Antonio, TX, February 3-5, 2010.

El Chaar M, Richardson SK, McDeavitt K, Agee N, Hughes SG, Kuwada TS, Gersin KS, Stefanidis D. *Does patient compliance with preoperative office visits affect postoperative excess weight loss after bariatric surgery?* American Society of Metabolic and Bariatric Surgery, Las Vegas, NV, June 20-25, 2010.

Fairfax LM, Christmas AB, Green JM, Miles WS, Sing RE. *Operative experience in the era of duty hour restrictions: Is the broad-based general surgery training coming to an end?* Southeastern Surgical Conference, Savannah, GA, February 20-23, 2010.

Fairfax LM, Klima DA, Schmelzer TM, Sing RE, Christian N, Head K, Christmas AB. *Pediatric non-accidental trauma: The impact is abusive.* North Carolina Chapter of the American College of Surgeons Committee on Trauma, Asheville, NC, July 19, 2009.

Fairfax LM, Sing RE, Fleming G, Schiffern LM, Thomason MH, Christmas AB. *What ever happened to the golden hour? A growing need for outreach efforts in regional inter-facility transfers.* North Carolina Chapter of the American College of Surgeons Committee on Trauma, Asheville, NC, July, 19, 2009.

Greene FL. *Anatomical and molecular markers in cancer staging: 2010 and beyond; Minimal access techniques in the management of cancer.* Robert L. Payne, Jr., MD Lectureship. Eastern Virginia School of Medicine, Norfolk, VA, May 21-22, 2010.

Greene FL. *Anatomical and molecular staging of foregut neoplasms.* Surgery of the Foregut Symposium, Coral Gables, FL, February 15, 2010.

Greene FL. *Anatomical staging and molecular markers in cancer management.* Surgical Grand Rounds. Methodist Hospital, Houston, TX, June 30, 2010.

Greene FL. *Management of rectal carcinoid; New TNM staging for colorectal cancer; Simulation and skill training.* International Colorectal Disease Symposium, Fort Lauderdale, FL, February 11-13, 2010.

Greene FL, Gunderson LL, Jessup JM, Sargent DJ, Stewart A. *TN categorization for rectal and colon cancer based on national survival outcome data.* Interventional Society of Surgery, Adelaide, Australia, September 6-10, 2009.

Huynh TT, Blackburn A, McMiddleton-Nyatui D, Moran K, Thomason MH, Jacobs DG. *An initiative by mid-level providers to conduct tertiary survey at a level I trauma center.* American Association for the Surgery of Trauma, Pittsburgh, PA, October 1-3, 2009.

Huynh TT, Nguyen N, Keller S, Shin S, McKillop IH. *Reducing leukocyte trafficking preserves hepatic function after sepsis.* American Association for the Surgery of Trauma, Pittsburgh, PA, October 1-3, 2009.

Kercher KW. *Advancements in complex abdominal wall reconstruction.* Surgical Grand Rounds. Portsmouth Naval Medical Center, Portsmouth, VA, September 22, 2009.

Kercher KW. *Allogenic biologic grafts in ventral hernia repair: what are the data?* Case Surgery Abdominal Wall Reconstruction Symposium, Breckenridge, CO, January 15-17, 2010.



Kercher KW. *Current controversies in abdominal wall hernia repair: The argument for suture fixation.* American College of Surgeons, Chicago, IL, October 12, 2009.

Kercher KW. *How far do you go with the scope? Laparoscopic access to the non-operated and reoperative abdomen.* American College of Surgeons, Chicago, IL, October 12, 2009.

Kercher KW. *Parastomal hernias: Risk factors and options for management.* Case Surgery Abdominal Wall Reconstruction Symposium, Breckenridge, CO, January 15-17, 2010.

Kercher KW. *Synthetic and biologic mesh for abdominal wall reconstruction: what is the evidence?* Surgical Grand Rounds. Medical College of Georgia, Augusta, GA, August 10, 2009.

Kercher KW. *Technical considerations in laparoscopic inguinal hernia repair.* Case Surgery Abdominal Wall Reconstruction Symposium, Breckenridge, CO, January 15-17, 2010.

Klima DA, Christmas AB, Heniford BT, Sing RF. *Optional vena cava filters: A comparison between general surgeons and interventional radiologists.* North Carolina Chapter of the American College of Surgeons Committee on Trauma, Asheville, NC, July 19, 2009.

Lau KN, McGowan S, Zemlyak A, Baira BR, Watkins KT. *Laparoscopic resection of left side pancreatic tumors using transcollation technology to minimize pancreatic complications.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Martin TR, Heniford BT. *Prevention of ventral hernias: Are we really making progress?* American Hernia Society, Orlando, FL, March 17-20, 2010.

Martin TR, Keller JE, Martinie JB. *Gallbladder volvulus: Case report and review of the literature.* World Congress of Endoscopic Surgeons, Landover, MD, April 14-17, 2010.

Martin TR, Montero PN, Sing RF, Kercher KW, Heniford BT. *Laparoscopic esophageal diverticulectomy.* Southeastern Surgical Congress, Savannah, GA, February 20-23, 2010.

Martin TR, Yurko YY, McDeavitt K, Prabhu AS, Lincourt AE, Vertegel A, Heniford BT. *Antibacterial mesh: A novel technique involving naturally occurring cellular proteins.* American Hernia Society, Orlando, FL, March 17-20, 2010.

Martinie JB. *Advanced guidance systems.* Post Graduate Course. Advances in Ultrasonography, Liver Ablation & Laparoscopic Liver Resection. International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18, 2010.

Martinie JB. *Alternatives to open liver surgery.* McGill University Hepato-Pancreato-Biliary and Liver Transplant Surgery Symposium, Montreal, Canada, September 28, 2009.

Martinie JB. *The hybrid technique for laparoscopic hepatic resection and robotic HPB surgery.* Advances in Laparoscopic Hepato-Pancreato-Biliary Surgery, University of Louisville, Louisville, KY, November 4-6, 2009.

Martinie JB. *3D ultrasound tumor visualization and intraoperative targeting.* Symposium: 2:45 GhH Microwave Ablation. International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Montero PN, Gersin KS, Stefanidis D, Kuwada TS. *Reported excess weight loss after bariatric surgery may vary significantly depending on the calculation method: A plea for standardization.* American Society for Metabolic and Bariatric Surgery, Las Vegas, NV, June 20-25, 2010.

Montero PN, Kuwada TS, Gersin KS, Heniford BT, Stefanidis D. *Which is better: Routine or selective endoscopy before bariatric surgery?* Society for Surgery of the Alimentary Tract/Digestive Disease Week, New Orleans, LA, May 1-5, 2010.

Montero PN, Martin TR, Yurko YY, Shipp J, Lincourt AE, Velary A, Heniford BT. *The antibacterial protein lysostaphin dramatically mitigates the inflammatory response of biologic mesh in infected fields while preserving tissue interaction.* American Hernia Society, Orlando, FL, March 17-20, 2010.

Montero PN, Stefanidis D. *SILS is associated with poorer performance and increased surgeon workload compared with standard laparoscopy.* Southeast Surgical Conference, Savannah, GA, February 20-23, 2010.

Natarajan S, Toomer A, Huynh TT, Norton HJ, Hammond F. *Accuracy of predicting 6-month outcome at 48 hours following severe traumatic brain injury: A pilot study.* Neurotrauma 2009, Santa Barbara, CA, September 7-11, 2009.

Nguyen NR, Keller S, Huynh TT, Shin M. *Tracking colliding cells.* IEEE Workshop on Applications of Computer Vision (WACV), Snowbird, UT, December 7-8, 2009.

Nguyen PH, Christmas AB, Head KE, Heniford BT, Sing RF. *Prophylactic vena cava filter insertion reduces pulmonary embolism in spinal cord injured patients.* Eastern Association for the Surgery of Trauma, Phoenix, AZ, January 19-23, 2010.

Nguyen PH, Christmas AB, Jacobs DG, Heniford BT, Sing RF. *Vena cava filter insertion and the general surgery armamentarium: A thirteen year experience demonstrates safety and efficacy.* Southeast Surgical Conference, Savannah, GA, February 20-23, 2010.

Nguyen PH, Keller JE, Novitsky YW, Heniford BT, Kercher KW. *Laparoscopic approach to adrenalectomy: Review of perioperative outcomes in a single center.* Southeast Surgical Conference, Savannah, GA, February 20-23, 2010.

Nguyen PH, Keller JE, Stefanidis D, Kercher KW, Heniford BT. *Repair of lumbar and para-iliac hernias: Laparoscopic or open?* International Hernia Congress, Berlin, Germany, September 9-12, 2009.

Paton BL, Sing RF, Iannitti D, Kercher KW, Heniford BT. *Improved outcomes for patients with malignant gastrointestinal stromal tumors with introduction of targeted biologic therapies.* Southeastern Surgical Congress, Savannah, GA, February 20-23, 2010.

Prabhu AS, Pepper SW, Lincourt AE, Richardson S, Yurko YY, Hubbard B, Heniford BT. *Water and dollars down the drain. The real cost of water wasted during surgical hand scrubbing.* American College of Surgeons, Chicago, IL, October 11-15, 2009.

Prabhu AS, Smeaton SM, Norton HJ, Lincourt AE, Martinie JB, Heniford BT, Iannitti DA. *Establishment of a hepato-pancreato-biliary (HPB) program at a large volume institution: Impact on perioperative outcomes and length of stay.* Southeast Surgical Conference, Savannah, GA, February 20-23, 2010.



Prabhu AS, Yurko YY, Nguyen PH, Lincourt AE, Gersin KS, Norton HJ, Kercher KW, Heniford BT. *Mesh weight is a predictor of postoperative discomfort after inguinal hernia repair.* International Hernia Congress, Berlin, Germany, September 9-12, 2009.

Schmelzer TM, Barrett MC, Christmas AB, Norton HJ, Heniford BT, Sing RF. *Vancomycin intermittent dosing versus continuous infusion for treatment of ventilator-associated pneumonia in trauma patients.* National American College of Surgeons Committee on Trauma Residents Paper Competition, Las Vegas, NV, March 10, 2010.

Sindram D. *Complications and safety issues of microwave ablation.* Post Graduate Course. International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Sindram D. *Microwave ablation of hepatic colorectal metastases.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Sindram D, Lau KN, Martinie JB, Iannitti DA. *Human pilot trial of novel real-time 3D and virtual reality-guided ultrasound targeting system during open microwave ablation of liver tumors.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Sindram D, Lau KN, Martinie JB, Iannitti DA, McKillop IH. *Leptin inhibits hepatocellular carcinoma proliferation via p38-MAPK-dependent signaling.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Sindram D, Lau KN, McKillop IH, Martinie JB, Iannitti DA. *Novel 3D laparoscopic magnetic image guidance makes lesion targeting child's play.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Sindram D, Meadows JP, Prabhu AS, Lau KN, Heath JJ, McKillop IH, Martinie JB, Iannitti DA. *Collagen-elastin ratio predicts burst pressures of arterial seals using a bipolar vessel sealing device in a swine model.* Association for Academic Surgery, San Antonio, TX, February 3-5, 2010.

Sindram D, Pallilonis MA, Mattocks MA, Martinie JB, Iannitti DA, McKillop IH. *Aquaporins play a central role in apoptosis in human hepatocellular carcinoma.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Sing RF. *Cavitary endoscopy for trauma: Can we see clearly now?* Memorial Healthcare System Trauma Symposium, Fort Lauderdale, FL, February 12, 2010.

Sing RF. *Indications and techniques of percutaneous intervention on massive pulmonary emboli.* Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit, Baltimore, MD, June 20, 2010.

Sing RF. *Multiple fractures: Breaking news for broken bones.* Memorial Healthcare System Trauma Symposium, Fort Lauderdale, FL, February 13, 2010.

Sing RF. *Pharmacomechanical lysis of iliofemoral deep venous thrombosis.* Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit, Baltimore, MD, June 20, 2010.

Sing RF. *Pitfalls of bedside procedures in the ICU.* Memorial Healthcare System Trauma Symposium, Fort Lauderdale, FL, February 11, 2010.

Sing RF. *Practical differences among vena cava filters.* Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit, Baltimore, MD, June 20, 2010.

Sing RF. *Torso trauma.* Mecklenburg County MEDIC, Charlotte, NC, May 18, 2010.

Stefanidis D. *Surgical simulation in the training of the general surgeon.* North Carolina Chapter of the American College of Surgeons, Asheville, NC, July 18, 2009.

White RL. *Breast cancer: What's new, what works and what matters?.* 55th Annual Southern Obstetric and Gynecologic Seminar, Asheville, NC, July 18, 2009.

White RL. *Living with grief: Cancer and end-of-life care.* Hospice Foundation of America's 17th Annual Teleconference, Charlotte, NC, March 24, 2010.

White RL. *Melanoma in 2009: Why should you care?* 55th Annual Southern Obstetric and Gynecologic Seminar, Asheville, NC, July 18, 2009.

Yurko YY, Kercher KW, Rucho S, Prabhu AS, Lincourt AE, Getz SB, Heniford BT. *Establishment of a comprehensive hernia center: Benefits to the community and the parent institution.* International Hernia Congress, Berlin, Germany, September 9-12, 2009.



Yurko YY, Prabhu AS, Sing RF, Stefanidis D, Heniford BT. *Minimally invasive approach for the treatment of mid and lower esophageal diverticula: a 10-year experience.* American College of Surgeons, Chicago, IL, October 11-15, 2009.

Yurko YY, Shipp JI, Heath JJ, Lincourt AE, Satishkumar R, Vertegel AA, Heniford BT. *Novel antibacterial peptide coatings of hernia repair implants: In-vitro and in-vivo results.* International Hernia Congress, Berlin, Germany, September 9-12, 2009.

Yurko YY, Stefanidis D, Lincourt AE, Sing RF, Heniford BT. *Low molecular weight heparin prophylaxis does not affect perioperative venous thromboembolism.* American College of Surgeons, Chicago, IL, October 11-15, 2009.

POSTER PRESENTATIONS

Agee N, Wolff CW, Yurko YY, Lincourt AE, Stefanidis D, Sing RF, Heniford BT. *Treatment of mid- and distal esophageal diverticula: A single institution eleven-year experience.* Society of American Gastrointestinal and Endoscopic Surgeons, Landover, MD, April 14-17, 2010.

Agee N, Yurko YY, Lincourt AE, Stefanidis D, Sing RF, Heniford BT. *Psychiatric evaluation of bariatric patients: A mandatory step.* Southeastern Surgical Congress, Savannah, GA, February 20-23, 2010.

Brandon-Warner E, Schrum LW, McKillop IH. *Silibinin promotes ethanol-dependent changes in hepatic pathophysiology and early hepatocarcinogenesis differently in male and female mouse models.* Research Society on Alcoholism, San Antonio, TX, June 26-30, 2010.

Brintzenhoff RA, Lincourt AE, Stefanidis D, Heniford BT. *What is the compliance with recommended guidelines for endoscopic surveillance after colon cancer resection?* Society of American Gastrointestinal and Endoscopic Surgeons, Landover, MD, April 14-17, 2010.

Christmas AB, Walters KC, Knick BN, Motameni AT, Christian N, Sing RF. *Non-pediatric trauma surgeons can effectively manage pediatric trauma patients: Meeting the suggested benchmarks for spleen salvage in pediatric trauma patients.* Southeastern Surgical Congress, Savannah, GA, February 20-23, 2010.



Evans SL, Meadows JP, Tumlin J, Clemens MG, McKillop IH. *Neutrophil activity following cardiovascular surgery in patients with renal dysfunction.* Society of Critical Care Medicine, Miami, FL, January 9-13, 2010.

Fairfax LM, Sing RF, Christmas AB, Knick BN, Motameni AT, Huynh TT, Jacobs DG, Thomason MH. *Decreased participation in trauma resuscitations in the era of work hour restrictions: Further sacrifices on resident education.* American Association for the Surgery of Trauma, Pittsburgh, PA, October 1-3, 2009.

Foureau DM, McKillop IH, Amin A, White RL, Salo JC. *IL-2 therapy expands CD8 T regs in tumor microenvironment of B16-F10 melanoma-bearing mice.* Keystone Symposium (J5): Cancer and inflammation. Keystone, CO, February 7-12, 2010.

Foureau DM, McKillop IH, Chase PJ, Amin A, White RL, Salo JC. *Skin tumor responsiveness to IL-2 treatment correlates to CD8 Treg expansion in an immunocompetent mouse model.* American Association of Immunologist, Baltimore, MD, May 7-10, 2010.

Greene FL, Sauzier G. *The breast health navigator as a quality indicator in the war on breast cancer.* Interventional Society of Surgery, Adelaide, Australia, September 6-10, 2009.

Huynh TT, Fleming G, Christmas AB, Sing RF, Thomason MH, Jacobs DG. *Improving inter-facility transport: A regional trauma advisory committee initiative.* American Association for the Surgery of Trauma, Pittsburgh, PA, October 1-3, 2009.

Lau KN, Agee N, Heath JJ, McKillop IH, Sindram D, Martinie JB, Iannitti DA. *Ex vivo evaluation of a new 1.8 mm percutaneous microwave antenna using a 2.45 GHz system.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Lau KN, Agee N, Sindram D, Martinie JB, Iannitti DA. *The ChemoFx™ assay: Responsiveness of 31 patients with hepato-pancreato-biliary malignancies.* Society of Surgical Oncology, St. Louis, MO, March 4-7, 2010.

Lau KN, Sindram D, Agee N, Martinie JB, Iannitti DA. *Large volume ablation: Can it be achieved with current technology.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Lau KN, Sindram D, Agee N, McKillop IH, Martinie JB, Iannitti DA. *Microwave ablation (MWA) of colorectal liver metastases: A single institution experience.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Martin TR, McDeavitt K, Lincourt AE, Kercher KW, Heniford BT. *Factors impacting length of stay after Heller myotomy.* Southeastern Surgical Congress, Savannah, GA, February 20-23, 2010.

Martin TR, McDeavitt K, Yavorski R, Sing RF, Stefanidis D, Heniford BT. *The clinical confusion of achalasia and GERD: Poor outcomes and need for reoperation after fundoplication in achalasia patients.* Southeastern Surgical Congress, Savannah, GA, February 20-23, 2010.

Montero PN, Acker CE, Heniford BT, Stefanidis D. *Laparoscope position impacts surgeon efficiency and workload.* Society of American Gastrointestinal and Endoscopic Surgeons, Landover, MD, April 14-17, 2010.

Montero PN, Acker CE, Swiderski D, Green J, Stefanidis D. *Deficiencies of the surgical curriculum exposed.* American College of Surgeons Consortium Conference, Chicago, IL, March 12-13, 2010.

Montero PN, Agee N, Lincourt AE, Hope WW, Kercher KW, Stefanidis D, Heniford BT. *Complex laparoscopic procedures can be safely performed early in fellowship training.* Society for Surgery of the Alimentary Tract/Digestive Disease Week, New Orleans, LA, May 1-5, 2010.

Montero PN, Gersin KS, Kuwada S, Heniford BT, Stefanidis D. *Why are bariatric procedures aborted intraoperatively?* American Society for Metabolic and Bariatric Surgery Las Vegas, NV, June 20-25, 2010.

Nguyen PH, Heath JJ, Prabhu AS, Yurko YY, Martinie JB, Iannitti DA. *Ventrio™ hernia patch: The next generation of composite meshes.* International Hernia Congress, Berlin, Germany, September 9-12, 2009.

Prabhu AS, Yurko YY, Heath JJ, Lincourt AE, Kercher KW, Heniford BT. *Biologic mesh hernia repair (VHR): Mesh construction and surface in contact with fascia affect tissue integration, complications, and maximum load.* International Hernia Congress, Berlin, Germany, September 9-12, 2009.

Sindram D, Lau KN, Kohn G, Iannitti DA, Martinie JB. *Early experience of robotics-assisted laparoscopic partial pancreatectomy.* Southeastern Surgical Congress, Savannah, GA, February 20-23, 2010.

Sindram D, Lau KN, Whitfield JD, Martinie JB, Iannitti DA. *Microwave ablation of hepatocellular carcinoma.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Sindram D, Padma S, Martinie JB, Iannitti DA. *Microwave ablation (MWA) of hepatocellular carcinoma using a novel 2.45 GHz ablation system.* New England Surgical Society, Newport, RI, September 11-13, 2009.

Sindram D, Prabhu AS, Padma S, Martinie JB, Iannitti DA. *Incidence of hepatic vein thrombus (HVT) after microwave ablation (MWA) of hepatic tumors.* New England Surgical Society, Newport, RI, September 11-13, 2009.

Sokolov E, Schrum LW, Iannitti DA, McKillop IH. *Regulator of G-protein signaling-17 (RGS17) expression and function in hepatocellular carcinoma.* Keystone Symposia on Molecular and Cellular Biology. Breckenridge, CO, April 7-12, 2010.



VIDEO/DVD PRESENTATIONS

Agee N, El Chaar M, Hughes SG, Kuwada TS, Stefanidis D, Gersin KS. *Single incision laparoscopic surgery (SILS) appendectomy: Safety and feasibility in a community hospital setting.* Southwestern Surgical Congress, Tucson, AZ, March 21-24, 2010.

Agee N, Freeman KF, Bell RC. *The allograft "C" cruroplasty: A novel technique for a troublesome procedure.* Society of American Gastrointestinal and Endoscopic Surgeons, Landover, MD, April 14-17, 2010.

Agee N, Lau KN, Sindram D, Iannitti DA, Martinie JB. *Robotic-assisted laparoscopic Puestow procedure for chronic pancreatitis.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Carbonell AM, Agee N, Brintzenhoff RA, Lau KN, Martin TR, Montero PN, Paton BL, Prabhu AS, Kercher KW, Heniford BT. *Laparoscopic living-related orthotopic gallbladder transplant.* Society of American Gastrointestinal and Endoscopic Surgeons, Landover, MD, April 14-17, 2010.

El Chaar M, Agee N, Hughes SG, Martin TR, Kuwada TS, Stefanidis D, Gersin KS. *Transgastric technique for removal of eroded gastric band: A novel approach.* Society of American Gastrointestinal and Endoscopic Surgeons, Landover, MD, April 14-17, 2010.

El Chaar M, Agee N, Hughes SG, Kuwada TS, Stefanidis D, Gersin KS. *Laparoscopic revision of gastric banding to Roux-en-Y gastric bypass.* Society of American Gastrointestinal and Endoscopic Surgeons, Landover, MD, April 14-17, 2010.

Heniford BT, Keller JE, Montero PN, Christmas AB, Medda S, Jacobs DG, Sing RF. *Laparoscopic repair of intraperitoneal bladder rupture.* American College of Surgeons, Chicago, IL, October 11-15, 2009.

Lau KN, Agee N, Bao PQ, Watkins KT. *Robot-assisted laparoscopic transgastric pancreatic necrosectomy.* International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18-22, 2010.

Martin TR, Montero PN, Sing RF, Kercher KW, Heniford BT. *Laparoscopic esophageal diverticulectomy.* Southeastern Surgical Congress, Savannah, GA, February 20-23, 2010.



MULTIMEDIA PUBLICATIONS

Prabhu AS, Kercher KW. Laparoscopic inguinal hernia repair: transabdominal preperitoneal approach (TAPP). In: ACS Multimedia Atlas of Surgery: Hernia Surgery Volume. Cine-Med.

ACTIVITIES

Christmas AB. Careers in Trauma Committee, Eastern Association for the Surgery of Trauma.

Evans SL. Chairperson, Graduate and Resident Education Committee of the Society of Critical Care Medicine, 2010.

Evans SL. Fellow, American College of Surgeons.

Greene FL. Second Vice President Elect, American College of Surgeons, 2009.

Huynh TT. Chair, Gold Medal Forum, Southeastern Surgical Congress.

Huynh TT. Faculty, Symposium Committee, Carolinas/Virginia Chapter, Society of Critical Care Medicine.

Huynh TT. Program Committee, American Association for the Surgery of Trauma, 2009-2011.

Huynh TT. Research Committee, 2010-2013; Adult Current Concepts in Critical Care Course, 2010-2013, Society of Critical Care Medicine.

Iannitti DA. Chairman, Emerging Technologies and Therapeutics Committee, American Hepato-Pancreato-Biliary Association.

Jacobs DG. Governor, Surgical Section of the National Medical Association to the American College of Surgeons, 2009.

Jacobs DG. Region 11 Representative, Organ Procurement & Transplantation Network/United Network for Organ Sharing Minority Affairs Committee, 2009-2011.

Martinie JB. Education & Training Committee, American Hepato-Pancreato-Biliary Association.

Martinie JB. Session Chair, Da Vinci Symposium. International Hepato-Pancreato-Biliary Association, Buenos Aires, Argentina, April 18, 2010.

McKillop IH. Reviewer, National Institutes of Health (NCI-NIAAA - ZAA GG (02)); American Recovery Act (ARRA) P30 Biomedical Research Core Centers Review Committee, Bethesda, MD, 2009.

McKillop IH. Reviewer, National Institutes of Health (NCI/NIDDK); Special Emphasis Panel (ZRG1 DKUS-A (58)) Challenge Grants (RC1 Applications), Bethesda, MD, 2009.

McKillop IH. Reviewer, National Institutes of Health (NCI-NIDDK-NIAAA) Hepatobiliary Pathophysiology Study Section (HBPP), Bethesda, MD, 2010.

Miles WS. Fellow, American Professional Wound Care Association.

Miles WS. Society of Critical Care Medicine Governing Council, January 2010, Two-year service plaque.

Sarantou T. President, North Carolina Chapter, American College of Surgeons, 2010-2011.

Sing RF. Course Director, Inferior vena cava filter workshop. Vanderbilt University, Nashville, TN, April 30, 2010.

Sing RF. Faculty. C³ Complex Cardiovascular Catheter Therapeutics: Advanced Endovascular and Coronary Intervention Global Summit, Baltimore, MD, June 20-24, 2010.

Sing RF. Fellow, American College of Critical Care Medicine.

Sing RF. Paper Discussant, Free and local CME does not guarantee surgeon participation. Southeastern Surgical Congress, Savannah, Georgia. February 22, 2010.

Sokolov EP. External Reviewer, Portuguese Foundation for Science and Technology, 2009, Environmental Projects.

Stefanidis D. Lab Instructor, SAGES Advanced Foregut/Bariatric Surgery Workshop, Norwalk, CT, March 4-5, 2010.

Stefanidis D. Paper Discussant, American College of Surgeons, Educational Session, Chicago, IL October 14, 2009.

Stefanidis D. Poster Grand Rounds Professor, Southeastern Surgical Congress, Savannah, GA, February 2010.

Stefanidis D. Vice-Chairman, Educational Research Committee of the Association for Surgical Education.

Taylor D, RN, CCRN. Fellow, American College of Critical Care Medicine.

Thomason MH. President, North Carolina American College of Surgeons, 2009-2010.



White RL. American Cancer Society South Atlantic Division Board of Directors and Chair of Advocacy Working Group, 2009.

White RL. American College of Surgeons National Breast Cancer Advisory Group.

White RL. Appointment, American Cancer Society National Assembly, 2009.

White RL. *Sun damage and melanoma.* Charlotte Talks. WFAE radio, June 7, 2010.

OPERATING ROOM OF THE FUTURE





Department of Surgery

Carolinas Medical Center

P.O. Box 32861 • Charlotte, NC 28232-2861

704-355-3176



Carolinas Medical Center

Uncompromising Excellence. Commitment to Care.

www.carolinasmedicalcenter.org