

# Department of Surgery

*2010 - 2011*

*ANNUAL REPORT*



Mercer University School of Medicine  
Medical Center of Central Georgia  
June 2011

# Message from the Chair

With the clamor of health care reform, decreases in federal Medicare payments, and state Supreme Court decisions striking down tort reform, it may be easy to overlook modest but important vignettes of what the practice of medicine is all about. Art Besser died last year. By the time I met him his main diversions in life were attending Grand Rounds every Thursday morning and weekly shopping trips to the supermarket. The rest of his time was spent caring for his wife of more than 50 years at their home in Macon.

In his prime he was practicing pediatric surgery at the Medical Center. People who worked with him recall a demanding surgeon who was sometimes in conflict with staff. But always he was devoted to his patients and family.

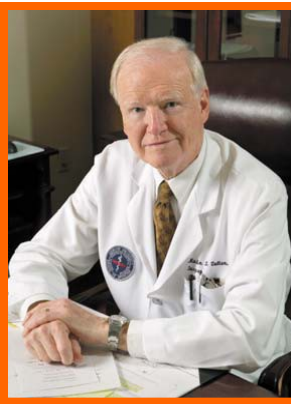
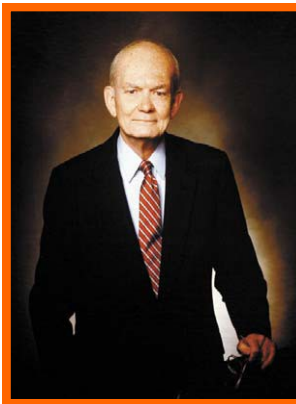
In our fast-paced age people who by circumstance fall out of the day-to-day hospital community are quickly forgotten. Modern technology also brings us together. Today's obituaries have evolved into web-based memorials that allow people to remember people who have passed on. And so it has for Art Besser who many learned of his death only online, and gave touching electronic reminders of why we do what we do in medicine.

*Our prayers and thoughts are with the Besser family. We are an Army military family who was profoundly affected, and greatly appreciated the excellent care given to our 2month old daughter in 1992. She is now a 17 year old graduating senior. May you all know comfort and peace during this time of great loss. ~ L.W., Fayetteville, North Carolina*

*My deepest sympathy to the Besser family. Dr. Besser performed surgery on my eldest son when he was only seven months old and he is now seventeen. Dr. Besser saved my son's life and I am saddened to hear that we have lost another great doctor. ~ J.L., Macon*

## Department of Surgery

The Residency in Surgery had its start under its founding Program Director, Milford B. Hatcher, M.D., in 1958. Internationally famous for arrhythmia surgery, Will C. Sealy, M.D., succeeded him in 1984. In 1991, Martin Dalton, M.D., followed Dr. Sealy as Professor and Chair. The academic growth of the Department continued with important clinical programs in trauma and critical care and surgical research. The Residency grew to four from two chief resident positions. Don Nakayama, M.D., a pediatric surgeon, was named the Milford B. Hatcher Professor and Chair of the Department of Surgery in 2007. It has been fully accredited by the Residency Review Committee in Surgery of the Accreditation Council for Graduate Medical Education. Residents regularly finish with more than 1,000 operations during the five year training program, with extensive experience in all areas of general surgery. Residents enter fellowships in all major surgical specialties. The Surgery Department has third year clerkships providing a broad experience in trauma, vascular, general and pediatric surgery. Fourth year clerkships are available in general surgery and all surgical specialties.



Left to right: Milford B. Hatcher, Will C. Sealy, Martin L. Dalton.

**About the cover:** *Polydactyly* is a common pediatric surgical condition where there is an extra sixth finger emerging from the side of the hand just below the little finger. Most can be simply tied off at birth, but those that have a wide base require surgery. One of the residents is removing the extra finger while a medical student steadies the hand and keeps the other fingers away.



# Mercer University School of Medicine



The School of Medicine was organized in 1982, part of a thirteen-year effort by city and community groups, the Bibb County Medical Society, and the Georgia State Legislature to educate physicians and other health professionals to meet the primary and ancillary healthcare needs of rural and medically underserved areas of Georgia. Currently there are 60 students per year. The Georgia State Legislature continues to support the School with annual appropriations. Programs have been offered by Mercer University School of Medicine in collaboration with the Medical Center of Central Georgia in Macon since 1984.

## Medical Center of Central Georgia

MCCG has a 100-year history of serving the central and south Georgia regions. At 603 beds, it is the second largest hospital in the state, the largest in a region of a 1.2 million population bounded by Atlanta, Augusta, Jacksonville, and Birmingham. Accredited by the Joint Commission for the Accreditation of Healthcare Organizations, MCCG has been named one of the top one hundred hospitals in the nation with top programs in cardiac services, orthopaedics, and neurosurgery. The hospital has 28 operating rooms with the full range of advanced surgical technology, including robotics, neuroimaging, and endovascular and minimally invasive surgery. It is certified by the Georgia Division of Public Health and the Office of Trauma as a Level 1 Trauma Center, with more than 1,500 admissions. MCCG supports residency training programs in family practice, general surgery, internal medicine, obstetrics and gynecology and pediatrics. Specialty fellowships in surgical critical care and geriatrics are also available. MCCG graduate medical education programs have more than 100 trainees.



# Mercer University

Mercer University, founded in 1833, today is a dynamic and comprehensive center of 7,300 undergraduate, graduate and professional students in business, education, engineering, liberal arts, music and nursing, as well as professional programs in medicine, law, pharmacy, health sciences and theology. Its 11 schools and colleges are on two major campuses in Macon and Atlanta and four regional academic centers across the state.

Central to the Mercer experience is an education that uniquely prepares students to lead virtuous, meaningful and responsible lives and encourages a thoughtful examination of ethical and moral choices. Princeton Review recognizes Mercer as a “College with a Conscience.” Leading college guides consistently rank Mercer as one of the top private universities in the South and one of the best educational values in the country.



## City of Macon

Macon, population 95,000, has a metropolitan area of nearly 250,000 located near the geographic center of the state, about 80 miles south of Atlanta. Located on the border between the hilly uplands and the coastal plain, it has hot, humid summers, mild winters, and long, temperate springs and autumns. Legend has it that the town was spared much of the destruction of Sherman’s March, so local architecture includes many examples of fine antebellum houses, churches, and civic buildings. The city is a combination of small town atmosphere with attractions, shopping and dining typical of larger cities. Macon has a rich cultural heritage dating back to Native American burial mounds. Its musical history is particularly notable. The Georgia Music Hall of Fame commemorates the many Georgians who have added to the country’s musical heritage.



Otis Redding, “Little Richard” Pennimon, and the Allman Brothers all got their start here. Each year the city celebrates the blossoming of its 300,000 Yoshino cherry trees with a ten day International Cherry Blossom Festival, named one of the 100 top events in North America. Other museums and attractions include the Harriet Tubman African American Museum and the Georgia Sports Hall of Fame.



## New fulltime faculty: Stevick, Solis, Ayerdi, and Mix

**Alan Stevick, M.D., Maurice Solis, M.D., Juan Ayerdi, M.D., and William (Billy) Mix, M.D.,** joined the fulltime faculty in November. The surgeons were part of the Macon Cardiovascular Institute, which merged with MCCG.

Dr Stevick trained in general surgery at MCCG. Dr Solis did his vascular fellowship at the Southern Illinois University, Dr Ayerdi (seated at left with residents **Jason Chapman**, center, and **Brad Dennis**), at the Wake Forest University, and Dr Mix, the University of Tennessee, Knoxville. All are accomplished endovascular surgeons with an active practice of open vascular operations. Residents' vascular experience will expand with the addition of these surgeons, along with review of deaths, complications, and upcoming cases in a preoperative review conference. Drs Solis, Ayerdi, and Mix have already increased the operative experience of residents in their field, and plan to organize a fellowship in vascular surgery in the next two years.



## Marion Campbell Hatcher, Department Matriarch, Dead at 89



Marion C. Hatcher, wife of Milford B. Hatcher, M.D., founding chair of the Department of Surgery, died at home February 4 after a long illness. She was 89. After Dr Hatcher's own death in 1991 Mrs Hatcher continued her association with the Department with the annual Milford Hatcher lecture and a scholarship in her name at MUSM. A Columbus, Ga., native, she grew up in Jacksonville, Fla., and later graduated from the University of Alabama. She and Dr Hatcher settled in Macon after their marriage in 1942 and his service in World War II. They were founding members of the Highland Hills Baptist Church where she remained active until her illness. She was known as an avid gardener and bridge player. Mrs Hatcher is survived by her two children, three grandchildren and five great-grandchildren. Both Dr. and Mrs. Hatcher's legacies extend to the hundreds of physicians and surgeons who have been educated and trained here in Macon.

## Center for Innovative Learning dedicated

The Center for Innovative Learning opened on the first floor of the Peyton Anderson Health Education Center in January. The \$1.2 million 2,800 square foot center has virtual reality training systems for laparoscopic surgery, simulated adult, infant, and newborn patients controlled by remote computers, and an area where teams of providers can practice clinical skills in a simulated O.R., I.C.U., and E.R. setting. A conference room allows play-back of mock scenarios so that learners can observe their actions and participate in valuable feedback sessions. "Box trainers" permit individual practice of routine procedures such as basic surgical skills, peripheral and central intravenous line placements, and the use of new devices and equipment.

The Center was the product of years of planning led by Marcia Hutchinson, Chief Academic Officer for MCCG. **William M. ("Kim") Thompson**, Associate Professor, is medical director of the Center.

Computerized controls (right, foreground) manipulate vital signs and responses of the critical care simulator dummy through a one-way window in a mock critical care area. Teams of physicians and nurses practice resuscitations and clinical scenarios.



## State trauma system continues to develop despite election setback



Vital developments in the state trauma system continue despite voters' rejection of state funding of trauma centers. A regional communication system that will link ambulances to trauma hospitals will be established in Forsyth and for the region served by the Level I Trauma Center at MCCG.

**Dennis Ashley**, Professor and Director of Trauma and Critical Care, is chair of the state trauma commission.

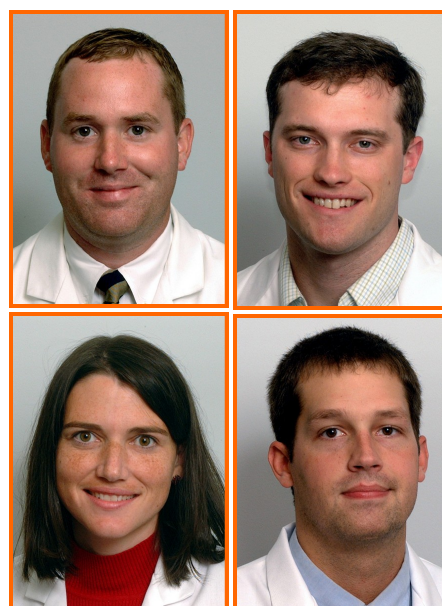
After a one-time \$58.9 million startup grant from the state in 2008, funding for the trauma system decreased to \$10.5 million as a proposed amendment to provide revenue from license fees was defeated last November and "super speeder" fines for high speed traffic violations failed to generate expected funding.

## Chief residents to pursue fellowship training

The 2011 chief residents will continue their training after graduation, all at their top choices for continued postgraduate training in surgical specialties. **Andy Bozeman** received word in May that he won a three-year fellowship in pediatric surgery at the Arkansas Children's Hospital in Little Rock. **Amy Christie** will begin training in Surgical Critical Care at MCCG in July. **Brad Dennis** will also train in Surgical Critical Care at the Vanderbilt University Medical Center in Nashville. **Danny Vaughn** won a position in minimally invasive surgery at St Luke's Hospital in Kansas City.

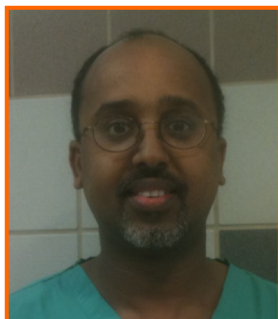
Their success reflects both the quality of their work and the support they received from the faculty and their fellow residents. Today more than 70 percent of U.S. surgery residents continue training in a surgical specialty, a competitive process involving applications and interviews similar to the match for residency positions.

Clockwise, from top left: Andy Bozeman, Brad Dennis, Danny Vaughn, Amy Christie.



## Pettiford completes fellowship; Ahmed, Christie to begin in July

**Courtney Pettiford** (left, top) fellow in surgical critical care, will complete his training here in June. He will begin work at the Raleigh General Hospital in Beckley, WV, as its first specialist in trauma and surgical critical care. He will also practice general and vascular surgery. In May he passed the Certifying Examination of the American Board of Surgery. Dr Pettiford and his wife Jewel have one son, Courtney Jovan, born during the Pettifords' stay in Macon.



The MCCG surgical critical care fellowship will have two trainees in its third class since beginning operations in 2008. **Mustafa Ahmed, M.D.** (left, bottom), completed his residency in surgery at the Morehouse School of Medicine in 2011. Dr Ahmed attended the Ohio State University College of Medicine and completed a residency in internal medicine at Mt Carmel Medical Center, also in Columbus. After three years in practice he began his residency in surgery at Morehouse School of Medicine in Atlanta and finished this year. **Amy Christie**, a graduate of both MUSM and the residency in surgery at MCCG, will continue her training here in the surgical critical care. She lives with her husband Benjie Christie and has a son Graham and daughter Blair Price, who was born last year.



## Incoming Residents in Surgery, 2011 - 2012

The Medical Center of Central Georgia Residency in Surgery welcomes its new class of residents entering July 2011. Please welcome them to Macon and make them at home in the MCCG and Mercer communities.



**Elizabeth Almon** (left, top) will graduate from the Mercer University School of Medicine in May. She is a native of Georgia, born in Athens, and graduated as class valedictorian and captain of the soccer team. Her undergraduate work was chemical engineering at Georgia Tech, where she was inducted in Omega Chi Epsilon honor society for that major. She was vice president of the surgery interest group at MUSM and was active in intramural sports. One of Elizabeth's preceptors in surgery noted that "she is an exceptional student." She won the confidence of her residents who allowed her to do bedside procedures and operations as a medical student. She is an outdoors enthusiast, active in rock climbing and mountain biking.

**Robert Michael Baskin** (preferred name Mike; right, top) will graduate from the Wake Forest University School of Medicine this spring. A native of Brandon, Fla., he was an Eagle Scout. He attended

Wake Forest as an undergraduate biology and chemistry major, and graduated *magna cum laude*. In medical school he was a Gold Humanism in Medicine awardee. Mike's surgical preceptors noted that "he consistently exceeded the expectations of the capabilities of a third year student." A Floridian, he enjoys water skiing, and scuba diving.



**Jonathan Cudnik** (left, bottom) will graduate from the Medical College of Georgia. An Ohio native, he grew up in southwestern Georgia and attended Georgia Tech where he earned a degree in electrical engineering. He spent two additional years in a post-baccalaureate program at the University of Georgia. While at Athens Dr Cudnik worked in bacteriology studying coliforms in agricultural environments. The chair at MCG says that "[he] will be a thoughtful and hardworking resident." He is working on his instrument rating as a pilot, and enjoys spear fishing and scuba diving.

**Tonya Johnson** (right, bottom) is a graduate of the Brody School of Medicine at the East Carolina University in Greenville, N.C.. Born in Richmond, she is a graduate in accounting from the College of William and Mary, with a masters' degree in accounting from ECU.

She has worked as a CPA and tax accountant, and with expertise in agricultural accounting. The Dean of Students at ECU notes that Tonya "is a genuinely caring and compassionate individual who has proven to be a hardworking, motivated, and knowledgeable student." She enjoys the outdoors, fishing, hunting, horseback riding, and working on her old farmhouse.



## Christie, Keadle, Brown team admit 15 trauma patients in one night

The night float team of **Amy Christie**, PGY5, **Trey Keadle**, PGY3, and **Cecil Brown**, PGY1, admitted 15 severely injured patients in a single Tuesday night, March 22. Thirteen came from a single vehicle crash involving a van in Monroe County north of Macon. Two others were transfers from other hospitals unrelated to the crash. **Leon Sykes**, Associate Professor and Associate Program Director, Surgical Critical Care, led clinical care and coordinated emergency department triage. Among the victims from Monroe County were two patients with mangled upper limbs, one completely amputated, one with facial trauma requiring an emergency tracheotomy, and one with a tension pneumothorax. Eight were admitted to the surgical trauma intensive care unit. Dr Christie reviewed the individual cases and the overall system of care at the Trauma Morbidity and Mortality Conference the following Tuesday morning. Drs Christie, Keadle, and Brown were recognized by the Department and MCCG for their teamwork under disaster conditions with awards from the MCCG Celebrating Excellence program, which recognizes exemplary patient care.

## Eight MUSM students to enter general surgery training in July

Eight MUSM senior medical students found where they will be training in general surgery on “Match Day,” March 17, the highlight of the senior year. **Elizabeth Almon** will be staying in Macon in our Residency in Surgery at MCG. **Kristin Flowers** will start her residency at the University of Nebraska; **Ashley Mooney**, Wake Forest University in Winston-Salem, N.C.;

**Randal Sanders**, the Greenville (S.C.) Hospital System; **Katie Wells**, Ohio State University in Columbus; and **Rhett Willis**, University of Virginia in Charlottesville. Two others won preliminary training positions: **Justin Brown**, Virginia Commonwealth University in Norfolk; and **Jonathan Lawrence**, University of Tennessee in Chattanooga. Eight represents 13% of the class of 60, exceeding the goal of 10% set by the Department for medical students entering our field. Congratulations to all!

### Emmeline Glenn, Abby May Dennis

The next generation of the Department also continues to expand with two births since the last update. Graduating chief resident **Brad Dennis**, wife Kristen, and their two sons Jackson, 5, and Luke, 2, welcomed daughter and little sister Abby May (right, above) on January 21. **Josh and Leigh Glenn** and daughter Kelty, 3, added Emmeline (left) to their family March 14.



### Tracy Thompson, trauma services coordinator

Tracy Thompson (right, below) left the Department in April for a position as a professional medical coder at the Houston Medical Center. Tracy worked in the Surgical Associates practice since 2005 before taking the position as trauma services coordinator in 2008. A valued member in the office, she helped both the Residency and the fellowship in surgical critical care maintain the records necessary to maintain accreditation with the ACGME, the organization that oversees training programs in the U.S.



Counterclockwise from left: Kristin Collier, Heidi Haun, and Ann Keadle provide adult supervision on Dr Shaker's hayride. Preston Morehead, Christy Bozeman, Danny Vaughn, and Bryan Weidner test their marksmanship.

### Sam and Judy Shaker host residents

Perfect spring weather, hamburgers, hot dogs, barbecue, and beer combined for a wonderful Saturday afternoon at Sam and Judy Shaker's house for the Department, residents, and families. Boating, fishing, a hayride, and skeet shooting added to the fun.





# Chair's Report

The Department of Surgery has a tradition of academic and clinical excellence built by Dr Sealy and Dr Dalton. This report summarizes the progress made over the past year in meeting our goals.

*To train general surgeons who are proficient and have mastered the six core competencies of the Accreditation Council for Graduate Medical Education.*

Residents receive surgical experience that exceed the Residency Review Committee in Surgery (RRC-S) thresholds in all areas, with an average of 1,011 total cases during training that is more than double RRC-S requirements of 500 (chart, right). Most recent 5-year running averages for first-taker pass rates of the American Board of Surgery (ABS) Qualifying and Certifying Examinations were 87% and 77%, respectively, and 67% for both examinations, progress toward our goal of 90% first taker pass rates for all tests.

So it was disappointing to see the ABS in-service examination scores this year: the mean percentile score for the residents was 40, with four residents increasing their scores from last year and nine with decreases. To improve scores we therefore changed the format of the didactic teaching conferences to a textbook-based review with direct questions and answers from fulltime attendings, expecting more preparation from both attendings and residents and better performance on standard exams.

Simulation education in the Center for Innovative Learning will be a valuable resource for technical and team-based skills, providing an area to practice basic surgery, laparoscopy, and critical care. Drs **Kim Thompson**, clinical director of the Center, **Bryan Weidner**, and **Josh Glenn** are incorporating activities in the simulation laboratory into the intern orientation and junior resident curricula. Senior residents are required to pass Fundamentals of Laparoscopic Surgery as a prerequisite for their ABS examination.

Duty hour restrictions continue with interns being limited to a 16-hour day with documented upper level supervision. Rising chief resident **Eric Long** and **Benjie Christie** have reworked schedules and rotation assignments so that we meet the new regulations.

*To increase basic science and clinical research production.*

This report elsewhere summarizes the 20 papers, 7 presentations, and 10 invited lectures given by the Department over the 2010-2011 academic year. Dr **Zhongbao (J.B.) Wang** continues to lead a productive basic science laboratory investigating the effects and underlying biochemical mechanisms of inflammation on endothelial function. **Eric Long**, PGY4, placed second in the regional ACS committee on trauma basic science competition this year. **Trey Keadle**, PGY3, presented his work at the national Clinical Congress of the American College of Surgeons. **Jacob Moremen**, PGY3, has an important clinical article in press in the *Journal of Trauma* that documents improved cardiovascular stability in spinal cord injured patients with the early use of cardiac pacemakers, work that he conducted with Drs **Leon Sykes**, **Benjie Christie**, and **Dennis Ashley**. **Brad Dennis**, PGY5, will be presenting his work at the American Association for the Surgery of Trauma meeting this fall on the value of a checklist to improve communication with families of trauma patients. **Vincent Scoglietti**, PGY4, will be presenting his work on improvement of patient care handoffs at the national ACS meeting this fall.

*To provide a high level of educational services and opportunities to MCGG and MUSM.*

The Residency in Surgery was approved by the RRC-S and the ACGME for a full five-year accreditation after a site visit in July and notification in November. The successful accreditation was a team effort with substantial contributions from residency coordinator **Irma Miranda**, trauma services coordinator **Tracy Thompson**, Associate Program Director **Dr Martin Dalton**, and MCGG Chief Academic Office **Maria Hutchinson**. The three-year-old fellowship in surgical critical care had its site visit in May and will be reviewed by the RRC-S ACGME later this year.

An important project in continuing medical education (CME) and quality improvement (QI) completed its first year in June. A year-long curriculum in surgical site infections was combined with individual surgeons' review of their own cases to provide an exercise in practice-based learning and improvement, a requirement for maintenance of board certification by the ABS. Monitoring of practices will continue with a new project, venous thromboembolism, beginning in July.

*To provide high quality clinical surgical services to the central Georgia region in a financially responsible, transparent manner at moderate expense.*

Total Department revenue increased 10.5% over the past year, with an increase in net patient revenue of 8.4%, and staying within budget for expenses by 6.5%. The pediatric surgery practice has an increase of net revenue of 30.8% from last year while staying 14.0% within budget for expenses. Trauma services had a nominal increase in net revenue of 1.5%, and over budget by 4.7%.

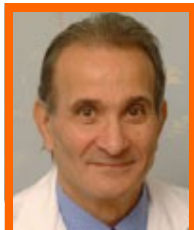
Continued fiscal and programmatic growth remain a top Departmental priority. Recognizing the Department's role to provide responsible surgical leadership in support of the clinical, operational, and financial goals of the medical center, faculty surgeons have key formal and ad hoc positions throughout MCGG administration. The Department has worked with the Quality Department of MCGG to bring an important surgical quality initiative of the ACS, the National Surgical Quality Improvement Project (NSQIP) to the hospital. **Kim Thompson** will be the designated surgical champion and be clinical leader of the program. **Macram Ayoub** is on the Medical Executive Committee, the body charged with medical policy. **Kim Thompson** is active as chair of the surgical site infection task force and is involved in a number of quality initiatives. **Dennis Ashley** is director of trauma and surgical critical care, and is a member of the surgical services executive committee, which sets policy for the operating room. **Bryan Weidner** and **Josh Glenn** continue their leadership in improving O.R. processes for pediatric surgery.

# Faculty



**Don K. Nakayama, M.D., F.A.C.S.**

Milford B. Hatcher Professor & Chair  
Program Director, Residency in Surgery  
Residency: University of California, San Francisco  
Fellowship: Children's Hospital of Philadelphia



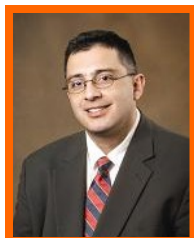
**Macram M. Ayoub, M.D., F.A.C.S.**

Professor and Vice-Chair  
Residencies: Medical College of Ohio; Medical Center of Central Georgia



**Dennis W. Ashley, M.D., F.A.C.S.**

Professor and Chief of Trauma Services  
Program Director, Surgical Critical Care  
Residency: Medical Center of Central Georgia  
Fellowships: Trauma Surgery, Grady Hospital, Atlanta;  
Surgical Critical Care, University of Pittsburgh



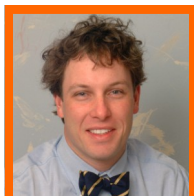
**Juan Ayerdi, M.D., F.A.C.S.**

Clinical Assistant Professor  
Residencies: University of Massachusetts; Guthrie Clinic (Sayre, Penna.)



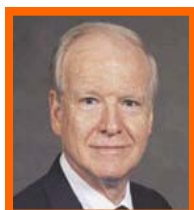
**James M. Cunningham, M.D., F.A.C.S.**

Associate Professor  
Senior Vice-President for Medical Affairs, Medical Center of Central Georgia  
Residency: University of Tennessee Hospital, Knoxville  
Fellowships: Cardiac Surgery, St. Vincent Medical Center, Los Angeles;  
Thoracic Surgery, Los Angeles Co.-USC; Surg Critical Care, Univ of Pittsburgh



**D. Benjamin Christie, III, M.D.**

Assistant Professor  
Residency: Medical Center of Central Georgia  
Fellowship: Surgical Critical Care, Medical Center of Central Georgia

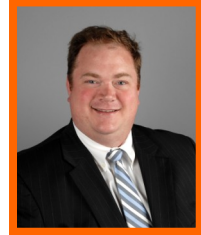


**Martin L. Dalton, M.D., F.A.C.S.**

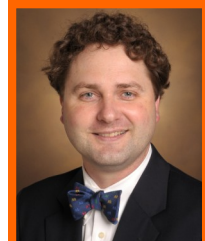
Professor and Dean Emeritus, MUSM  
Associate Program Director  
Residency: University of Mississippi Medical Center  
Fellowship: Thoracic and Cardiovascular Surgery, University of Mississippi



**John C. Floyd, M.D.**  
Assistant Professor (Orthopaedics)  
Residency: Stony Brook University (Orthopaedics)  
Fellowship: R Adams Cowley Shock Trauma Center (Baltimore)



**Joshua Glenn, M.D.**  
Assistant Professor; Associate Chief, Pediatric Surgery  
Residency: Medical University of South Carolina  
Fellowship: Pediatric Surgery, Vanderbilt University



**Bruce J. Innes, M.D., F.A.C.S.**  
Professor, (Emeritus)  
Residency: Montreal General Hospital (Canada)  
Fellowship: Thoracic and Cardiovascular Surgery, Montreal General Hospital



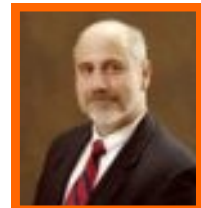
**J. William (Billy) Mix, M.D.**  
Clinical Assistant Professor  
Residency: Medical Center of Central Georgia  
Fellowship: Vascular Surgery, University of Tennessee, Knoxville



**Joe Sam Robinson, Jr., M.D., F.A.C.S.**  
Professor  
Chief, Neurosurgery; Georgia Neurosurgical Institute  
Residencies: Emory University, (General Surgery)  
Northwestern University, (Neurosurgery)



**Maurice M. Solis, M.D., F.A.C.S.**  
Clinical Associate Professor; Chief, Vascular Surgery  
Residency: Medical Center of Central Georgia  
Fellowships: Peripheral Vascular Surgery, University of Arkansas;  
Endovascular Surgery, Southern Illinois University



**J. Allen Stevick, M.D., F.A.C.S.**  
Clinical Assistant Professor  
Residency: Medical Center of Central Georgia



**Leon N. Sykes, M.D., F.A.C.S.**

Associate Professor  
 Associate Program Director, Fellowship in Surgical Critical Care  
 Residency: Mercy Hospital (Pittsburgh)  
 Fellowships: Cardiothoracic Surgery, University of Michigan;  
 Surgical Critical Care, Washington (D.C.) Hospital Center

**William M. (Kim) Thompson, M.D., F.A.C.S.**

Associate Professor  
 Assistant Chair, Quality and Education  
 Residency: University of Texas Southwestern Medical Center

**Joseph M. Van De Water, M.D., F.A.C.S.**

Professor (Emeritus); Assistant Dean for Research, MUSM  
 Residency: General and Thoracic Surgery UCLA  
 Fellowships: Critical Care/Surgical Research, Harvard Medical School;  
 Cardiac Surgery, Children's Hospital of Los Angeles

**Zhongbiao Wang, M.D., Ph.D.**

Assistant Professor, Director Surgical Laboratories  
 Residency: Internal Medicine, Fujian Provincial People's Hospital, China  
 Fellowship: Huashan Hospital Shanghai Medical University, Cardiology  
 Ph.D.: Shanghai Medical University, Chinese Academy of Sciences

**Lawrence X. Webb, M.D.**

Professor (Orthopaedics)  
 Chief, Georgia Orthopaedic Trauma Institute

**Bryan Weidner, M.D., F.A.C.S.**

Associate Professor; Chief, Pediatric Surgery  
 Surgery Clerkship Director  
 Residency: Duke University  
 Fellowships: Seattle Children's Hospital, University of Washington

*General, Vascular, and Pediatric Surgery*

**Frank Arnold, M.D.** Asst Professor

**Arnold Conforti, M.D.** Asst Professor & Chief,  
 Surgical Oncology

**Vincent Culpepper, M.D.** Asst Professor

**Douglas Brewer, M.D.** Prof & Chief,  
 Colorectal Surgery

**Brown N. Ekeledo, M.D.** Asst Professor

**Ellis Evans, M.D.** Professor

**Lisa Farmer, M.D.** Asst Professor

**Robert Holl-Allen, M.D.** Professor

**Keith Martin, M.D.** Asst Professor

**Earl Mullis, M.D.** Asst Professor

**William Pannell, M.D.** Assoc Professor

**Robert Parel, M.D.** Asst Professor

**Issam Shaker, M.D.,** Professor

**Michael Thompson, M.D.** Asst Professor

**John Whelchel, M.D.,** Professor

**John Williams, IV, M.D.** Asst Professor

**Thomas Woodyard, M.D.** Asst Professor

*Macon Cardiovascular Institute*

**Richard L. Harvey, M.D.,** Chief, Assoc Prof

**Joe H. Johnson, M.D.,** Asst Prof

**Randall B. Brown, M.D.,** Asst Prof

**James L. Foster, Jr., M.D.,** Asst Prof

*Clinical Chiefs of Services*

**Joshua Perkel, M.D.** Asst Prof, Urology

**Howard Perofsky, M.D.** Asst Prof, Plastics

**Waldo Floyd, III, M.D.** Prof, Hand Surgery

**Matthew Jerles, M.D.** Asst Prof,

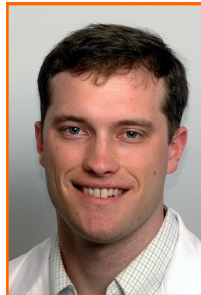
Otolaryngology



# Residents in Surgery

## Post Graduate Year 5

Andy Bozeman, MUSM  
Brad Dennis, MCG  
Amy Moore, MUSM  
Danny Vaughn, MUSM



## Post Graduate Year 4

Geary Bush, MCG  
Jason Chapman, MUSM  
Eric Long, MCG  
Vince Scoglietti, MCG



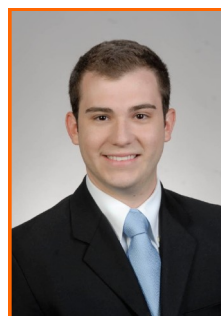
## Post Graduate Year 3

Kristin Collier, MCG  
Heidi Haun, Univ South Florida  
Homer 'Trey' Keadle, MUSM  
Jacob Moremen, Univ Kentucky



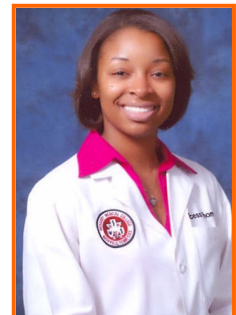
## Post Graduate Year 2

Candice Chipman, Meharry  
Drea Long, Missouri  
Jose Villareal, Univ Texas Medical  
Branch, Galveston  
Craig Wengler, Univ South Florida



## Post Graduate Year 1

Cecil Brown, MUSM  
Preston Morehead, Univ Texas  
Medical Branch, Galveston  
Tracy Nolan, MUSM  
Princess Thomas, Meharry



# Visiting Professors 2010 - 2011



## John Cameron, 2011 Hatcher Lecturer

John L. Cameron, M.D., gave the Milford B. Hatcher Lecture in March 2011 on the current treatment of pancreatic cancer. The lecture, the highlight of the academic year, commemorates Dr Hatcher, the first chair of the Department.

Dr Cameron is the Alfred Blalock Distinguished Professor of Surgery at the Johns Hopkins School of Medicine. One of the most prominent surgeons in the world, he has been president of all the major surgical organizations in the U.S. His book, *Current Surgical Therapy*, is the definitive text in our field.

Dr Cameron spoke to the Macon Surgical Society the night before on John Shaw Billings, the first Surgeon General of the Army of the Potomac during the Civil War, founder of the National Library of Medicine, the architect of the Johns Hopkins Hospital, and the founding director of the New York Public Library.

## Marc Mitchell, Ole Miss Chair, visits Macon

Marc Mitchell, Chair of the Department of Surgery at the University of Mississippi School of Medicine since 2007, spoke to the Macon Surgical Society and was visiting professor at Grand Rounds in January. Dr Mitchell is a leader in vascular surgery both at the University at Pennsylvania where he trained in the specialty, and in Mississippi where he arrived as chief of Vascular surgery in 2005.

At the Macon Surgical Society he addressed the shortage of general surgeons in rural America, and offered suggestions as to its cause and possible solutions. At Grand Rounds he reviewed the role of endovascular surgery for aortic emergencies. Residents presented cases to Dr Mitchell for discussion in a management session after Grand Rounds.



## Richard Satava: advanced technology and surgery

Richard Satava, M.D., Professor of Surgery at the University of Washington, gave Surgical Grand Rounds in November as part of a visit to Macon and the Bibb County Medical Society. At the meeting of the BCMS he spoke on advanced technology and the future of medicine, a wide ranging discussion made all the more fantastic knowing that progress is already being made in these fields. His Grand Rounds subject, "Surgical Simulation and the Future of Surgical Education," was one where he is recognized as one of the leaders in the application of advanced technology in surgical education. He has published widely on surgery in outer space, remote surgery, surgical simulation, and objective measurement of surgical competence and training.

## Breast, melanoma expert Kelly McMasters

Kelly McMasters, M.D., Chair of Surgery at the University of Louisville, visited MCGC in October. Dr McMasters is one of the new leaders in U.S. surgery and surgical oncology. He is past president of the Southeastern Surgical Congress. He gave major reviews and updates in the fields of melanoma and breast cancer during his visit with the Macon Surgical Society and Department Grand Rounds. He also discussed cases at a joint meeting of the tumor board and the GI cancer team, the initial such meeting that will continue in the future, jointly sponsored by the MCGC Cancer Center and the Department.

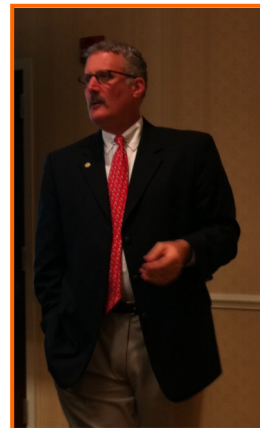






## Harvey Bumpers, Morehouse University

The Department, the Macon Surgical Society, MCCG and the Harriet Tubman African American Museum in Macon hosted Harvey Bumpers, M.D., Professor of Surgery and interim Chair of Surgery, Morehouse School of Medicine, in February. Dr Bumpers (left) spoke on racial disparities in cancer care at a special meeting of the Macon Surgical Society at the Tubman Museum. He noted that African Americans in the U.S. do not have the same access and outcomes of cancer care seen in other racial groups. His research showed that there are important biological differences among African Americans that may affect responses to chemotherapy. Dr Bumpers' presentation was the second of an annual program by the Department to address important racial issues in surgical care.



## Michael Nussbaum, Univ Florida Jacksonville

Michael Nussbaum, M.D. (right), Chair of Surgery at the University of Florida Medical Center in Jacksonville, one of the leaders in U.S. surgery, is Senior Director of the American Board of Surgery (ABS) and President-Elect of the Central Surgical Association. At the Macon Surgical Society meeting he spoke on the maintenance of certification requirement of the ABS. Dr Nussbaum gave a grand rounds presentation the next morning at the Eversole Auditorium on an innovative program in robotic surgery in surgery, summarizing his experience using the technology for esophageal surgery.



## Selwyn Vickers to give 2012 Hatcher Lecture

Selwyn M. Vickers, M.D., will give the 2012 Hatcher Lecture in spring 2012. Dr Vickers, one of the young leaders in American surgery, holds the Jay Phillips Chair of Surgery at the University of Minnesota and is an expert in the surgical management of the diseases of the pancreas, including the use of gene therapy in the treatment of pancreatic cancer. He is a member of all the major surgical organizations, and is on the editorial boards of the *Journal of Surgical Research* and the *American Journal of Surgery*.

## 12th History of Medicine: W. Hardy Hendren

W. Hardy Hendren, M.D., world renowned pediatric surgeon, gave the keynote presentation at the History of Medicine symposium in February. Based on his study at the Hunterian Museum at the Royal College of Surgeons in London, his address, *John Hunter: the Father of Scientific Surgery*, summarized Hunter's life and work. In the discussion session Dr Hendren recalled his role in the first resident match in 1952. The following day he presented his experience with complicated surgical and urological diseases in countries in six continents. He said that he learned more than he taught in the hospitals and institutions that hosted his visits.

This year's symposium featured Adam Land, MUSM MS4, **Jason Chapman**, PGY4, **Kristen Collier**, PGY3, faculty **Josh Glenn** and **Bruce Innes**, Macon physicians Tom Jones and Angel Garcia, and Emory faculty Clyde Partin and Richard Ricketts.



# Conferences 2010 - 2011

## 38th Day of Surgery: James Wynn, Oliver Whipple

James Wynn, M.D., and Oliver Whipple, M.D., were invited speakers at the 38th Day of Surgery in May. The Day of Surgery, established by **Ellis Evans**, Clinical Professor of Surgery, is the featured continuing education activity of

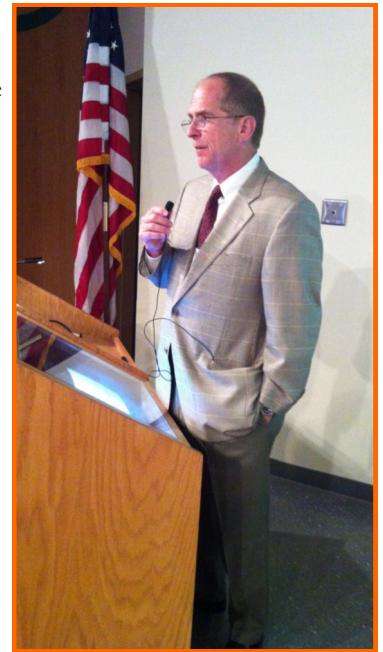


the Department. **Benjie Christie**, was the featured faculty speaker. Dr Wynn (right) spoke on difficult problems in angioaccess for dialysis. He is the Mason Distinguished Chair in Surgery at the Medical College of Georgia where he is also Program Director of the Residency in Surgery at MCG. He is the immediate past president of UNOS, the national organ-sharing organization for transplantation.

Dr Whipple (left) spoke on surgical complications of bariatric surgery. Dr Whipple was named Young Surgeon of the Year in 2009 by the Georgia Chapter of the American College of Surgeons. He is at MUSM, Savannah Campus, and director of the program in bariatric surgery at the Memorial Health University Medical Center.

Dr Christie gave an update on the use of echocardiography as a routine modality in surgical critical care. PGY4 residents also gave presentations at the event.

**Geary Bush** reviewed the programs in rural surgery in the Department. **Jason Chapman** presented his



work with **Juan Ayerdi**, Clinical Assistant Professor, in the management of deep vein thrombosis. **Eric Long** presented strategies to preserve bowel length in operations in newborns with necrotizing enterocolitis. **Vincent Scoglietti**, reviewed his work to improve transitions of care during resident hand-offs. Dr Scoglietti was awarded best resident presentation for the event.

## 20th Trauma Symposium: Morris, Tancey, Dente, Webb

The Trauma and Surgical Critical Care Services hosted the annual Trauma Symposium at the Eversole Auditorium in November. More than 100 attended the one-half day series of lectures and workshops. John Morris, M.D. (below, left), Professor of Surgery and chief of trauma and surgical critical care services at Vanderbilt University Medical Center, described his work correlating continuous analysis of bedside monitoring with patient outcome, an area he pioneered. Dr Morris also spoke on the strategy of the trauma laparotomy. Keith Tancey, M.D., Ph.D. (below, center), director of research at the Shepherd Center in Atlanta, lectured on recent advances in the treatment of spinal cord injury. Chris Dente, M.D. (below, right), Associate Professor of Surgery at Emory University and its associate director of trauma services at Grady Memorial Hospital in Atlanta, spoke on recent concepts in the treatment of penetrating colon injuries and the management of abdominal vascular injuries.

**Lawrence Webb**, Professor of Surgery (Orthopaedics) at MUSM, was featured faculty speaker with an update on team-based care in the treatment of high energy tibial fractures.





# Visiting Professors 2011 - 2012



## **Donald E. Fry, expert in surgical infections**

The year-long continuing medical education-quality improvement (CME-QI) project on surgical site infections will close with Donald E. Fry, M.D. (left, top), an authority on surgical infections, as featured speaker in July 13 and 14 2011. He is Emeritus Chair of Surgery at the Univ of New Mexico, and currently Executive Vice President for Clinical Outcomes Management for health consultancy firm MPA in Chicago.

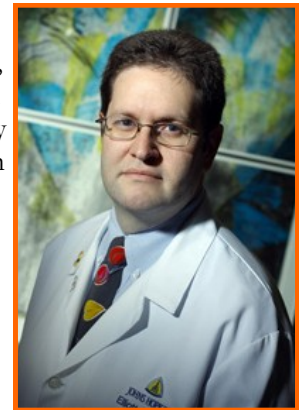
## **Thromboembolism: Lazar Greenfield, Elliott Haut**

A new CME-QI project on venous thromboembolism will begin with the new academic year. Lazar J. Greenfield (left, center), Emeritus Professor and Chair of Surgery at the University of Michigan, will be visiting professor on September 7 and 8. He is Editor-in-Chief of a major textbook in surgery and inventor of the Greenfield filter. Elliott R. Haut, M.D. (right, top), is Associate Professor of Surgery at Johns Hopkins where he is an attending in surgical critical care. Dr Haut's research, supported by the Agency for Health Research and Quality, addresses prevention of VTE. He will visit Macon on January 18 and 19 2012.



## **Wayne Frederick: Racial bias in academic surgery**

Wayne A. I. Frederick, M.D. (left, bottom), is associate dean of clinical strategy and operations at Howard University College of Medicine, and chief of the general surgery division there. He will speak on racial bias in academic surgery at the Harriet Tubman Museum on Wednesday February 15 2012, and triple negative breast cancer at Grand Rounds the following day.



## **21st Trauma Symposium, head injury: Peter Rhee**

Peter M. Rhee, M.D. (right, center), is professor of surgery and director of Trauma and Critical Care at the University of Arizona Medical Center in Tucson. He will be featured speaker at the 21st Trauma Symposium on

November 3 that will focus on the operative and critical care management of head injury. He is a 24-year veteran with the U.S. Navy, and was leader of the team that treated the Tucson shooting victims in January 2011, including U.S. Representative Gabrielle Giffords.



## **12th History of Medicine : Lamar McGinnis**

Lamar S. McGinnis, M.D. (right, bottom), is immediate past president of the American College of Surgeons. Clinical Professor at Emory since 1994, he has also served as president of the American Cancer Society. Dr McGinnis has been a long-time supporter of the History of Medicine. He will give the keynote address for the event on February 9 2012.



# Honors and Awards

**Zhongbiao Wang**, Associate Professor, and **Bradley Dennis**, PGY5, were inducted to the Alpha Omega Alpha medical honor society in May. AOA is a professional medical organization that recognizes and advocates for excellence in scholarship, teaching, humanism and service.

Dr Wang was promoted to Associate Professor this year, based upon his outstanding academic productivity and long years of service training surgical residents in basic research. In February “J.B.” and his wife Jing became naturalized citizens of the U.S.

**Geary Bush** and **Vincent Scoglietti**, both PGY4, were selected by the MUSM Class of 2011 to receive the Gold Foundation Humanism and Excellence in Teaching Awards.

**Jacob Moremen**, PGY3, won the *Looking to the Future Scholarship* to attend the annual meeting of the Society of Thoracic Surgeons at San Diego, Ca., in January. The scholarship identifies and encourages general surgery residents who are considering careers in cardiothoracic surgery.

**Candice Chipman**, PGY2, was recognized by the hospital’s Celebrating Excellence Program for the professional and compassionate care she gave on the trauma service caring for a terminal head-injured patient.

**Eric Long**, PGY4, won second place for best basic science paper at the Southeast Regional Residents’ Paper Competition, Committee on Trauma (COT) of the American College of Surgeons (ACS) meeting in Winston Salem, N.C., in November.

**Bradley Dennis**, PGY5, received Honorable Mention for the Oriens Award for Careers in Trauma, an essay contest conducted annually by the Eastern Association for the Surgery in Trauma (EAST). Dr Dennis was honored at the EAST awards ceremony at its annual meeting in January.

**Kristin Collier**, PGY3, was selected MCCG Employee of the Month for July 2010 by the Employee Satisfaction Team, from all health system employees.

**Irma Miranda**, residency coordinator, was named MCCG Employee of the Month for August 2010 by the Employee Satisfaction Team. She was recognized for providing a high level of administrative support during the recent ACGME site visit in July.

**Adam Land** and **Ashley Mooney** were recognized at MUSM graduation ceremonies as the top senior students in surgery. Dr Land won the Joe Sam Robinson, Jr., award as the highest ranking senior student entering a surgical specialty, and Dr Mooney won the Will C. Sealy award as the top student entering general surgery.

Drs Mooney, **Elizabeth Almon**, and **Jonathan Lawrence**, MUSM graduating seniors, won scholarships to attend the Southeastern Surgical Congress meeting in Chattanooga in February.

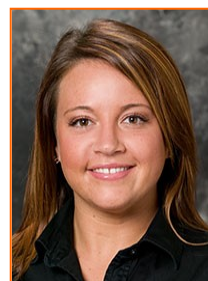
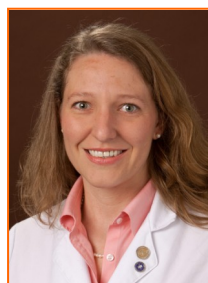
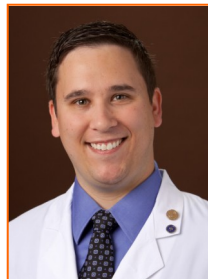
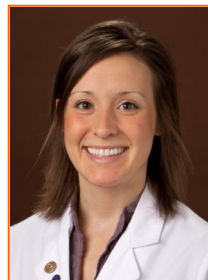
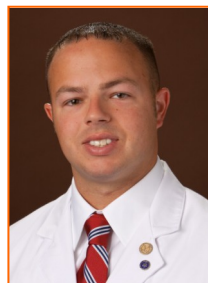
**Kristin Flowers** and **Katie Wells**, senior medical students at MUSM, won scholarships to attend the annual meeting of the Georgia Society of the ACS. Dr Flowers also won a scholarship to attend the Clinical Congress of the ACS in Washington, D.C., in October as the MUSM representative to the medical student programs at the meeting.

**Debra Kitchens**, Trauma Program, was a co-author of the first place award at the MCCG Nursing Research Council annual poster session held in April. It summarized her work in developing a statewide telemedicine consultation system.

**D. Benjamin Christie** was appointed by the Governor to serve on the Georgia Composite Medical Board, the agency responsible for licensing of physicians and health care professionals. Importantly the Board enforces the Medical Practice Act through the investigation of complaints and disciplining those who violate professional behavior laws.

**Joseph Van De Water** was visiting professor at the Kurobe City Hospital in Japan, one of three MUSM Professors chosen to represent the school in its exchange program with the Hospital.

**Sam Shaker**, Clinical Professor, was named President of the Bibb County Medical Society at its annual meeting December 2010. **Robert Parel**, Clinical Assistant Professor, is Director-at-Large for the organization. **Joshua Glenn**, Assistant Professor, received full membership in BCMS.



Honored MUSM senior students, from top: Adam Land, Ashley Mooney, Elizabeth Almon, Jonathan Lawrence, Kristin Flowers, Katie Wells.



**Dennis Ashley**, Professor, was named one of Macon and Bibb County's most influential people by Kenny Burgamy in a column published in the Macon *Telegraph* for his work with the Georgia State Trauma Commission. Dr Ashley was featured in the April 2011 issue of Georgia Trend, a business newsmagazine, discussing upcoming challenges for the state trauma system following voters' rejection of a state amendment providing trauma funding.

Dr Ashley was appointed to the COT of the ACS for a three-year term. He will be a consultant member to the Publications Committee, one of the major committees of the COT.

Dr Ashley will coordinate the Video Coordinator for the Trauma Video Session at the upcoming 97th Annual Clinical Congress of the ACS meeting in San Francisco in October 2011.

Department surgeons were named to leadership posts in GS-ACS, **Don Nakayama**, Vice President, and Dr Ashley, Secretary. Dr Ashley was reelected to the Board of Governors of the ACS.

Dr Nakayama will give the 14<sup>th</sup> William G. Whitaker Lecture for the Georgia Surgical Society in the fall of 2011. The lecture honors one of the founders of the Society and one of the leading figures in Georgia surgery.

William Haun, husband of **Heidi Haun**, PGY3 and father of 4 year old Trey Haun, won first place in a video contest sponsored by outdoor recreation company Sierra Trading Post. Submitters were invited to share videos of their adventure experiences. His can be viewed at <http://www.youtube.com/watch?v=n2moF2I5qws>, and their photos can be seen on Trey's and his website of the trip, [www.haungowest.com](http://www.haungowest.com).

## Event Calendar

### Donald E. Fry, M.D.

Wednesday, July 13

Macon Surgical Society

Hilton Garden Inn

***Clostridium difficile infection: an evolving epidemic***

Thursday, July 14

MCCG CME-QI program

Eversole Auditorium

***Systems-based management of surgical site infections***

### Lazar J. Greenfield, M.D.

Wednesday, September 7

Macon Surgical Society

Hilton Garden Inn

***Aging and the practice of surgery***

Thursday, September 8

MCCG CME-QI program

Eversole Auditorium

***The Greenfield filter: 40 years later***

### 21st Trauma Symposium

Thursday, November 3

Eversole Auditorium

**Peter M. Rhee, M.D., M.P.H. Symposium on the management of head injury**

### Elliott R. Haut, M.D.

Wednesday, January 18

Macon Surgical Society

Harriet Tubman Museum

***TBA***

Thursday, January 19

MCCG CME-QI program

Eversole Auditorium

***Prevention of venous thromboembolism***

### 13th History of Medicine

Thursday, February 9 2012

Eversole Auditorium

### Lamar McGinnis, M.D.

***TBA***

### Wayne A. I. Frederick, M.D.

Wednesday, February 15

Macon Surgical Society

Harriet Tubman Museum

***Racial bias in academic surgery***

Thursday, February 16

Grand Rounds

Eversole Auditorium

***Management of triple negative breast cancer***

### Selwyn M. Vickers, M.D.

Wednesday, March TBA

Macon Surgical Society

Hilton Garden Inn

***TBA***

Thursday, March TBA

2012 Hatcher Lecture

Eversole Auditorium

***TBA***

# Publications, 2010 - 2011

## *Publications, peer-reviewed journals.*

1. **Christie A.B., Christie D.B.III., Nakayama D.K., and Solis M.M.** Hepatic artery aneurysms: Evolution from open to endovascular repair. *Am Surg* 2011;77:608-11.
2. **Nakayama D.K.** and Langer J.C. Single payer health insurance in pediatric surgery: U.S. impressions and Canadian experience. *Pediatr Surg Int* 2011;27:329-34.
3. Coverdill JE, Carbonell AM, Cogbill TH, Fryer J, Fuhrman GM, Harold K, Hiatt JR, Moore RA, **Nakayama DK**, Nelson MT, Schlatter M, Sidwell RA, Tarpley JL, Termuhlen PM, Wohltmann C, Mellinger JM. Professional values, value conflicts, and assessments of the duty-hour restrictions after six Years: A multi-institutional study of surgical faculty and residents. *Am J Surg* 2011;201,16-23.
4. **Nakayama D.K.**, Jensen G.W. Professionalism behind barbed wire: Health care in WWII Japanese-American concentration camps. *J Natl Med Assoc* 2011;103:358-63.
5. **Wang Z., Kong L., Kang J., Vaughn D.M., Bush, G.D., Walding A.L., Grigorian A.A., Robinson J.S. Jr., Nakayama D.K.** Interleukin-1b induces migration of rat arterial smooth muscle cells involving matrix metalloproteinase-2 activity. *J Surg Res*, in press. Electronic publication online 2010 Jan 5 [DOI: 10.1016/j.jss. 2009.12.010].
6. **Moremen J.R., Han N., Christie D.B., and Nakayama D.K.** Diverticular abscess presenting as an incarcerated inguinal hernia: An atypical presentation and conservative management. *Am Surg* 2010;76:E65-E66.
7. Wang Q, **Ashley DW**, Dechow PC. Regional, ontogenetic, and sex-related variations in elastic properties of cortical bone in baboon mandibles. *Am J Physical Anthropol.* 2010;141:526-49.
8. Napolitano L, Gerard F, Kimberly D, **Ashley D**, Randall R, Van Way C, Meredith JW, Fabian T, Jurkovich G, Peitzman A. Challenging issues in surgical critical care, trauma, and acute care surgery: A report from the critical care committee of the American Association for the Surgery of Trauma. *J Trauma.* 2010; 69:1619-33.
9. **Scoglietti VC, Collier KT, Long EL, Chapman JR, Bush GP, Nakayama DK.** After-hours complications: Evaluation of the predictive accuracy of resident sign-out. *Am Surg* 2010;76:682-6.
10. **Chapman JR**, Sedghi S, **Christie BD, Nakayama DK**, and Wynne JL. Aberrant right subclavian artery-esophageal fistula. *Am Surg* 2010;76:1430-2.
11. Coverdill JE, Carbonell AM, Fryer J, Fuhrman GM, Harold K, Hiatt JR, Jarman BT, Moore RA, **Nakayama DK**, Nelson MT, Schlatter M, Sidwell RA, Tarpley JL, Termuhlen PM, Wohltmann C, Mellinger JM. A new professionalism? Surgical residents, duty-hour restrictions, and shift transitions. *Acad Med* 2010;85:S72-S75.
12. **Moremen J.R., Han N, Christie D.B., and Nakayama D.K.** Diverticular abscess presenting as an incarcerated inguinal hernia and conservative management. *Amer Surg* 2010;76:E65-E66.
13. **Nakayama D.K.** In defense of industry-physician relationships. *Am Surg* 2010;76:987-94.
14. **Nakayama D.K.,** Bushey T.N., Hubbard I, Cole D., Brown A., Grant T.M., and **Shaker I.J.** Using a plan-do-study-act cycle to introduce a new O.R. service line. *AORNJ* 2010;92:335-43
15. Barton M, **Bozeman A, Herndon M,** dela Cruz R. The thyroglossal duct cyst and respiratory failure in neonates: Case report and review of an unusual entity. *Int J Pediatr Otorhinolaryngol Extra* 2010;5:138-40.
16. **Nakayama D.K.** Management of the surgical newborn: Physiological foundations and practical considerations. *J Pediatr Urol* 2010; 6: 232-8.
17. **Nakayama D.K.,** Phillips L.G., Newsome R.E.Jr., Fuhrman G.M., and Tarpley J.L. Transition from chief residency to specialty training: Issues and solutions. *Am Surg* 2010;76:85-90.

## *Publications in press.*

1. **Nakayama D.K.** Asian Americans in leadership positions in academic surgery. *Ann Surg.*
2. **Moremen JR,** Christie DB, Ashely DW, Nolan TL, Sykes LN, Vogel RL. Early cardiac pacemaker placement for life-threatening bradycardia in traumatic spinal cord injury. *J Trauma.*
3. **Chapman J.R., Weidner B.C., Nakayama D.K.** How medical alumni see their junior clerkships in surgery. *Am Surg.*



#### *Invited contributions and chapters.*

1. Elsey J.K., Kent, H.L., Browning K.D., and **Nakayama, D.K.** Invigorating a state ACS chapter: The Georgia experience. *Bull Amer Coll Surg* 2011;96:25-30.
2. Hebra A. and **Glenn J.B.** Chapter 85. Inguinal hernia and hydrocele. In Mattei P., (Ed.): *Fundamentals of pediatric surgery*. New York, Springer Science + Business Media, 2011.
3. **Ashley DW.** The quest for sustainable trauma funding: The Georgia story. *Bull Amer Coll Surg* 2010;95:17-21.
4. **Ashley D.W.**, and Kozar, R.A. Chapter 19, Trauma research and scholarship. In Rotondo M.F. and Fildes J (Eds). *Resources for optimal care of the injured patient*. Chicago, American College of Surgeons, in press.
5. **Ashley DW**, Brown AW, Fildes J, Teter H. A roundtable discussion on statewide trauma systems: A matter of urgent importance. *Shepherd Center* 2010;Fall:2-3.

## Presentations and Invited Lectures

#### *Presentations at the Southeastern Surgical Congress, Chattanooga, Tenn., February 12 - 15 2011.*

1. **Long E.L., Nakayama D.K.** Proximal jejunostomy with early intestinal anastomoses and preservation of the ileocecal valve for extensive NEC.
2. **Chapman J.R., Weidner B.C., Nakayama D.K.** How medical alumni now see their junior clerkships in surgery.
3. **Bozeman A.P., Long E.L., Bush G.P., Nakayama D.K.** Staged repair of duodenal atresia in an extremely low birth weight infant.
4. **Chapman, J.R.** Invited discussant, residents' forum: Does protected research time during general surgery training contribute to graduates' career choices?

#### *Presentations at the Surgical Forum, Clinical Congress, American College of Surgeons, Washington, D.C., October 3 - 7 2010.*

1. **Keadle H.H. III, Haun H.J., Kong L, Kang J, Moremen J., Robinson J.S. Jr., Nakayama D., and Wang Z.** Thrombin-stimulated matrix metalloproteinase-2 activity and cell migration involve p38 MAPK activation in vascular smooth muscle cells. *J Amer Coll Surg* 2010;211: S137
2. **Keadle H.H. III, Haun H.J., Kong L, Kang J, Robinson J.S. Jr., Nakayama D., and Wang Z.** Interleukin-1beta induction of matrix metalloproteinase-9 increases endothelial permeability. *J Amer Coll Surg* 2010;211:S47-8.

#### *Other presentation.*

Medeiros R., **Kitchens D.**, NeSmith E.G., Vaughn K., Kumar V. Trauma on demand: The use of a telemedicine consultation system to enhance rural trauma care. Presented at the Society of Trauma Nurses, San Antonio, Tex., March 31 2011.

#### *Invited lectures*

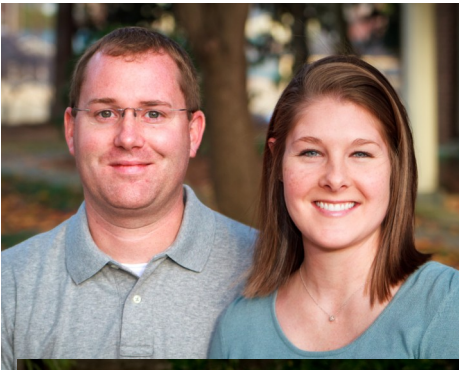
1. **Nakayama D.K.** Unconscious bias in academic surgery. Academic Surgical Congress presidents' session. 6th Annual Academic Surgical Congress, Huntington Beach, California, February 3 2011.
2. **Glenn J.B., Weidner B.M.** Interesting pediatric surgery cases. Grand rounds, Department of Pediatrics, Medical Center of Central Georgia, February 1 2011.
3. **Glenn J.B.** Neonatal surgery. Grand rounds, Department of Pediatrics, Columbus (Ga.) General Hospital, January 28 2011.
4. **Glenn J.B.** Neonatal laparoscopic surgery. Grand rounds, Department of Family Medicine, Mercer University School of Medicine, January 28 2011.
5. **Ashley D.W.** Development of a statewide trauma system: Past, present, and future. Grand Rounds, Department of Surgery, Medical College of Georgia, Augusta, January 24 2011.
6. **Glenn, J.B.** Neonatal lung lesions. George Holcomb, Jr., symposium, Vanderbilt Children's Hospital, October 29 2010, Nashville, Tenn.
7. **Van De Water, J.M.** Progress in the noninvasive measurement of cardiac output and thoracic fluid content. 13th International Seminar for Students and Young Doctors, September 8 2010, Toyama, Japan.
8. **Christie D.B. III.** Blunt carotid artery injury and critical care sequelae. Heart of Georgia chapter, American Association of Critical Care Nurses, September 7 2010, Macon.
9. **Ashley D.W.** Update on sustainable trauma system funding in Georgia. Georgia Society of the American College of Surgeons Annual Meeting, August 28 2010, Atlanta.
10. **Van De Water, J.M.** Noninvasive measurement of cardiac output: Progress in neonates. Robert Virchow Campus, Charite University, July 6 2010, Berlin, Germany.

# Dedication

To spouses, families and friends who support and sustain the residents during their training. Surgical training is a long, grueling process. Residents learn to deal with tragedy, frustration, and fatigue. Families and friends provide the smiles, hugs, and assurance that problems are not borne alone.









# Acknowledgements



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