

# Department of Surgery

*2009-2010*

*ANNUAL REPORT*



Mercer University School of Medicine  
The Medical Center of Central Georgia  
July 2010

# Message from the Chair

Last December, during the height of the health care debate, Senate Minority Leader Mitch McConnell urged for a return to *comity* among his colleagues in the way they conduct legislative business. Comity is a word not likely to be used in most hospital conversations. That's why I thought he said, "*comedy*," an alternative term that also described the rancorous back-and-forth among our elected representatives.

In Congress, comity is a core value: goodwill and courtesy that comes from tradition and respect. That's why members of Congress always say, "My friend from across the aisle," when they think, "that jerk." An attitude of comity allows business to get done civilly despite deeply held differences of opinion. Legislators may be on opposite sides of one issue and work together on the next. The constitutional process depends on comity to have the next piece of legislation decided on its merits, not on grudges held over from previous conflicts.

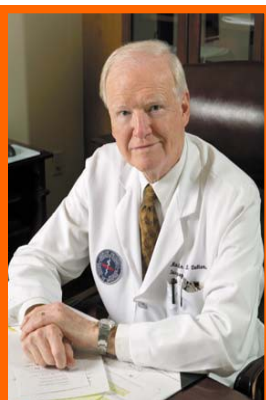
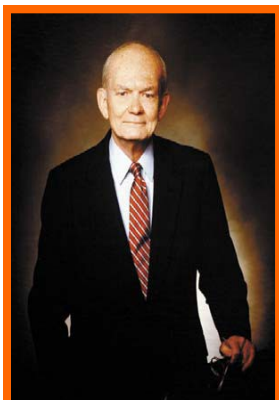
Surgery also depends on comity. When cases are routine, the O.R. is friendly and the air is respectful. In difficult cases where things are falling apart, attention is riveted to tasks at hand. Urgent requests may be sharp.

The quiet after such cases is impressive. The patient has been transferred to the intensive care unit, or occasionally the morgue. Floors are mopped, tables are cleaned, and instruments sorted in silence. Experienced surgeons quietly apologize for raised voices. From understanding colleagues there is gracious acceptance.

Comity allows people to do their jobs without the burden of hard feelings. Lessons may be learned and performance can improve for the next patient who needs vital teamwork under urgent conditions. The concept of comity may be one of the few characteristics that Congress and the O.R. share.

## 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 for Surgery of the Accreditation Council for Graduate Medical Education. Residents regularly finish with more than 1,000 to 1,200 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 all surgical specialties.

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

**About the cover:** William Haun is a Macon-based photographer whose subjects include nighttime Macon, his family (his wife Heidi is PGY2 a resident in surgery), and mission trips to Haiti. His panoramic photo of Macon at night, of which the cover photo is a part, shows an unexpectedly beautiful scene from the new MCGG helipad. Visit his website <http://www.whaun.com> for purchase information.

# 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 115-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 of 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 annually.

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 one hundred 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 best private universities in the South and one of the best educational values in the country.



## City of Macon

Macon, population 95,000, is the center of 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.



# Faculty News

## Benjie Christie joins faculty

A graduate of MUSM and the Residency in Surgery at MCCG, **D. Benjamin Christie, III, M.D.**, will join the faculty in August. He completed fellowship training in Surgical Critical Care at MUSM. He graduated from the University of Georgia with degrees in biochemistry and biology. He is married to **Amy Christie, M.D.**, a chief resident in surgery at MCCG, and they have a new baby girl, Blair born in May.



## Weidner, Glenn augment pediatric surgery program

**Bryan Weidner, M.D.**, joined the faculty in March. He trained in pediatric surgery at the University of Washington after residency at Duke University. He held an appointment at the University of Alabama at Birmingham, where he won numerous teaching awards. He is a voting member of the Cherokee Nation. He and his wife Tiffany have one-and-a-half-year-old Repp and Lula Sue who will soon turn one (left, above).



**Joshua Glenn, M.D.**, will begin work in August after completing training at the Vanderbilt Children's Hospital in pediatric surgery. His residency in surgery was at the Medical University of South Carolina after graduation from MUSM and an undergraduate degree at the University of Georgia. He and Dr. Christie were roommates while at Athens. He is married to Leigh and they have a two-year-old daughter, Kelty (left).

## Cliff Turen, Lawrence Webb join John Floyd, form GOTI

Nationally known orthopaedic traumatologists **Clifford Turen, M.D.**, and **Lawrence Webb, M.D.**, joined **John Floyd, M.D.**, to form the Georgia Orthopaedic Trauma Institute (GOTI) in 2009. Dr. Turen was chief of orthopaedics at the R. Adams Cowley Shock Trauma Center in Baltimore, one of the nation's foremost centers of emergency trauma care. Dr. Webb

was professor of orthopaedics at the Wake Forest University Baptist Medical Center. Dr. Floyd joined the MUSM faculty in 2007 as the first orthopaedic traumatologist at MCCG.



From left: Lawrence Webb, Clifford Turen, John Floyd.



# News Briefs

## Important CME changes

Continuing medical education (CME) must demonstrate improvements in clinical practice and patient outcomes, according to the Accreditation Council for CME (ACCME). The Department plans hospital-wide surgical improvement projects. Participating surgeons will report surgical outcomes (such as surgical site infections). Educational programs will be conducted over the year on these topics. Improvements in care and outcomes will monitor the efficacy of CME programs. Participants will review data and decide on interventions and future projects. Involvement in the CME project will be linked to hospital quality improvement efforts and satisfy American Board of Surgery Maintenance of Certification (MOC) requirements. Roll out of the program will be July 2010.



## Rural surgery rotation started in Cordele

An important addition to the medical student and residency curricula started in rural surgery. PGY2 residents will have the option to participate in a one-month rotation with clinical faculty members William Pannell, M.D., Vincent Culpepper, M.D., and Michael Thompson, M.D., in Cordele, GA. **Jacob Moremen** was the first resident to participate in the program in March.

## Simulation center to open in fall 2010

A \$1.2 million simulation center will open in late fall 2010 on the first floor of the Peyton Anderson Health Education Center. Patient simulators will allow learners in all MCCG education programs to practice patient care skills on dummies and high-tech computerized manikins without risk to patients. Virtual reality simulators will recreate minimally invasive procedures and endoscopies.

## MCCG Residency in Surgery to undergo ACGME site visit in July

The Residency will have a site visit as part of its regular accreditation by the Accreditation Council for Graduate Medical Education (ACGME) in July to assure that the training program meets ACGME standards. At the last visit in 2006 the Residency was approved without citations, its highest rating.

## Jennifer Laster, Surgical Practice Administrator

Jennifer Laster, M.B.A., joined Surgical Associates as Surgical Practice Administrator in January. She has more than 20 years of professional experience and more than seven in health care finance and operations. She was Chief Operating Officer at Taylor Regional Hospital. A graduate of the Stetson School of Business at Mercer, she is a member of the American College of Healthcare Executives.

## Dr. Weidner to direct MUSM student clerkships in surgery

**Bryan C. Weidner, M.D.**, assumed the directorship of medical student clerkships in March, a post he had at the University of Alabama at Birmingham. Longtime director **Bruce Innes, M.D.** will assist with other teaching projects at MUSM.

# Residency News

## Interns Brown, Morehead, Noland and Nelson to begin in July

The MCCG Residency in Surgery welcomes its new class of residents entering July 2010.

**Cecil Brown, M.D.**, graduated from MUSM in May. He is a Georgia native born in Sandersville. He worked as a crew chief for his family's industrial contracting business while at Mercer in information systems. He worked as a mine system analyst for several years before entering medical school.

His surgical preceptors noted that "his outstanding characteristics are his maturity and motivation." Married for 17 years, he is an avid flier and enjoys farming.



**Preston Morehead, M.D.**, graduated from the University of Texas Medical Branch in Galveston. A native of Fort Worth, he attended Austin College with degrees in biology and business administration. He founded a business moving portable buildings in the Houston area which he sold before moving to Macon.

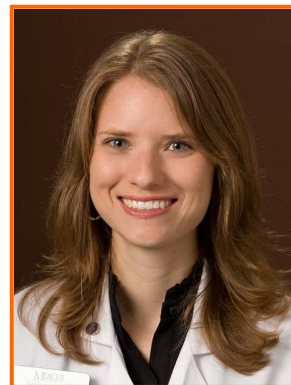
His surgical preceptors noted that "Preston unconsciously separated himself from his peers with his initiative and desire to take on additional opportunities." His wife is a PGY2 resident in pediatrics at MCCG. He enjoys fishing and restoring old cars.



**Tracy Nolan, M.D.** also graduated from MUSM. A Valdosta native, she has undergraduate and master's degrees in nutrition from the University of Georgia. While a hospital-based dietician in Valdosta she was president of the Southwest

Georgia Dietetic Association.

She had outstanding scores on the US Medical Licensing Examinations, with 243 on Step 1 and 269 on Step 2. She won a scholarship to attend the Clinical Congress of the American College of Surgeons meeting in 2009. One preceptor wrote, "Residents were impressed with her work ethic and her sense of team play." Married, her husband is a contractor in Warner Robins.



**Princess Thomas Nelson, M.D.**, is a graduate of the Meharry Medical College. Born in Atlanta, she is a *summa cum laude* graduate in both biology and chemistry from the Tuskegee (AL) University. Among several academic honors, including the Presidential Scholarship, Dean's List, and honor societies in both science and English, she was Miss Tuskegee University in 2004-2005.

At Meharry she won numerous academic and service awards, including membership in Alpha Omega Alpha, where she was chapter president, and awards in microbiology and neuroscience. Derrick Beech, M.D., chair of surgery at Meharry, says, "[She will] be a future leader in American Surgery." In her free time she enjoys reading, Bible study and visiting friends and family.

We are excited to have these young physicians in our resident community. Please join us in making them welcome in Macon.

# Residency News

## New PGY-2 residents to join program in July

Two new PGY2 residents will join the Residency in Surgery in July and fill vacancies in that year.



**Andrea 'Drea' Long, M.D.**, is a graduate of both the undergraduate and medical school of the University of Missouri. She was a preliminary intern in general surgery at the medical center there. An attending surgeon at Missouri notes that "Drea has excellent communication skills and interacts professionally with staff and nursing personnel." She has an avid crossword and jigsaw puzzle solver.



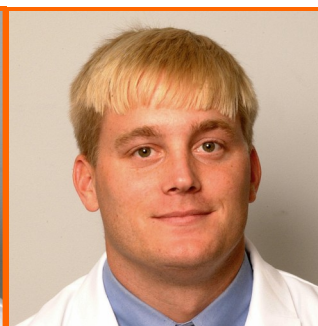
**Craig Wengler, M.D.**, has an undergraduate degree from Emory in economics and chemistry. He graduated from the University of South Florida School of Medicine and spent a year at the University of Florida Medical Center in Gainesville as a preliminary resident in surgery. There he garnered praise from his attending surgical staff and received awards from the nursing staff there. His wife Betsy is looking forward to returning to Georgia.

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

Eight MUSM graduates will be training in general surgery. **Tracy Nolan** and **Cecil Brown** will be staying at MCG. **Stephanie Pannell** and **John Dooley** will train at the Atlanta Medical Center. Dr. Pannell is the daughter of **William Pannell, M.D.**, Clinical Professor of Surgery and head of the rural surgery rotation in Cordele, GA. Four will remain in the Southeast: **Adam Brown** at Lackland AFB in Texas, **Clint Davidson** at the Memorial University Medical Center in Savannah, **Ashlee Roberts** at the Eastern Virginia Medical School in Norfolk and **Josh Simpson** at the Greenville (SC) Health System. The group represents 13% of the class of 60, exceeding the goal of 10% set by the Department for medical students entering our field.

## Chief residents to enter fellowship training, practice

**Andrew Foret**, **Mark Herndon**, and **Clint Streetman** will complete their training in June. Dr. Foret (left) will train in hand surgery at the University of Virginia. Dr. Herndon (center) will begin practice in Greenville, SC. Dr. Streetman will begin training in minimally invasive surgery in Baton Rouge.



## Attention: Fans of Dr. Sealy

Reprints of the "Will C. Sealy Cardiovascular Symposium of 1994" and copies of the Will C. Sealy biography by **Dr. Dalton** are available free of charge to interested individuals. If you would like one or both of these items stop by the Department office on the fifth floor of the PAHEC building.



# Trauma and Critical Care



## Telemedicine facility 'sees' first patient

A telemedicine network was established as part of the MCCG Trauma Center in April. The network links four rural hospitals with MCCG where trauma surgeons can provide real time consultations on injured patients: Dodge County Hospital in Eastman, Taylor Regional Hospital in Hawkinsville, Peach Regional Hospital in Fort Valley and Fairview Park Hospital in Dublin. **Dennis Ashley, M.D.**, trauma center director, provided the first telemedicine consultation in April.

## Trauma funding bill passes GA House, Senate; set for vote in fall

One more hurdle to go: A proposal before voters in the state to establish a \$10 charge on vehicle registration that will go toward an \$80 million trust fund for trauma care in Georgia. The Georgia House and Senate passed SR 277 in April to bring a constitutional amendment before voters in November that will establish the fee and trauma fund. Passage of SR 277 was the number one priority of the Georgia Commission on Trauma, chaired by **Dennis Ashley, M.D.**, Professor of Surgery. **Joe Sam Robinson, M.D.**, Professor of Surgery, is also a member of the Commission.

## MCCG heliport opens

A heliport opened atop the 840 Pine Street Professional Building and Surgery Center at MCCG in April. The facility allows air transport of emergencies directly to the Medical Center.



## Trauma Commission funds \$5.4 million in projects in 2009-2010

The Georgia Commission on Trauma, chaired by **Dennis Ashley, M.D.**, funded nine projects with a total of \$5.37 million in fiscal year 2009 - 2010. Included were two important Emergency Medical Services (EMS) projects to replace 29 ambulances across the state (for \$2.1 million) and to provide funding for uncompensated EMS care (\$1 million). Other programs include EMS training, new trauma center startup, and contracts for telemedicine, Commission website, EMS needs assessment and projects to decrease prehospital medication errors.

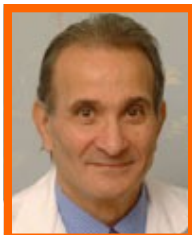
## Trauma staff speak at national, state engagements

MCCG faculty **Dennis Ashley, M.D.**, **Leon Sykes, M.D.**, and **Debra Kitchens, R.N., E.M.T.-P.**, shared their expertise and experience at a number of meetings and conferences during the past year. Dr. Ashley was an invited speaker at the Clinical Congress of the American College of Surgeons in Chicago in October 2009 relating his experience leading the effort to fund trauma centers in Georgia. He testified before the Health and Human Services Subcommittee, Georgia General Assembly, in February 2010. He made eight other presentations before local groups in the state, including the Georgia Society of General Surgeons and the Business and Corporate CEO Roundtable. Dr. Sykes presented his experience in chest wall stabilization at the Georgia Surgical Society in September 2009 and the 19th Annual Trauma Symposium last November. Ms. Kitchens presented the MCCG telemedicine program in two local venues.

# 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



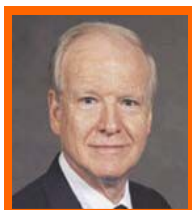
**Dennis W. Ashley, M.D., F.A.C.S.**  
Professor and Chief of Trauma Services  
Program Director, Surgical Critical Care  
Residency: Medical Center of Central Georgia  
Fellowships: Trauma Surgery, Grady Hospital, Atlanta;  
Surgical Critical Care, University of Pittsburgh



**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 County-USC; Surgical Critical Care, Univ of Pittsburgh



**D. Benjamin Christie, III, M.D.**  
Assistant Professor (effective August 2010)  
Residency: Medical Center of Central Georgia  
Fellowship: Surgical Critical Care, Medical Center of Central Georgia



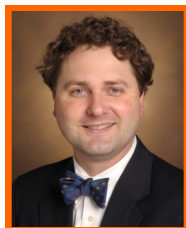
**Martin L. Dalton, M.D., F.A.C.S.**  
Professor Emeritus  
Assoc. Program Director, Residency in Surgery  
Residency: University of Mississippi Medical Center  
Fellowship: Thoracic and Cardiovascular Surgery, University of Mississippi



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



# Faculty



**Joshua Glenn, M.D.**

Assistant Professor (Effective August 2010)  
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



**Joe Sam Robinson, Jr., M.D., F.A.C.S.**

Professor  
Chief, Neurosurgery; Georgia Neurosurgical Institute  
Residencies: Emory University, (General Surgery)  
Northwestern University, (Neurosurgery)



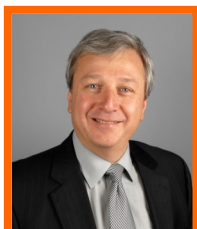
**Leon N. Sykes, M.D., F.A.C.S.**

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.**

Clinical Associate Professor  
Residency: University of Texas Southwestern Medical Center



**Clifford H. Turen, M.D.**

Professor and Chief, Georgia Orthopaedic Trauma Institute  
Residency: Long Island Jewish Medical Center  
Fellowship: R Adams Cowley Shock Trauma Center (Baltimore)



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

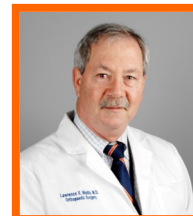
Professor (Emeritus); Assistant Dean for Research, MUSM  
Residency: General and Thoracic Surgery UCLA  
Fellowships: Critical Care/Surgical Research, Harvard Medical School;  
Cardiac Surgery, Children's Hospital of Los Angeles

# Faculty

**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



**Lawrence X. Webb, M.D.**  
Professor (Orthopaedics)  
Residencies: Bowman Gray  
Fellowship: Harborview Hospital, University of Washington



**Bryan C. Weidner, M.D., F.A.C.S.**  
Associate Professor  
Residency: Duke University  
Fellowships: Seattle Children's Hospital, University of Washington



## Clinical Faculty

*General, Vascular, and Pediatric Surgery*

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

**Juan Ayerdi, M.D.** Asst Professor

**Brian Bansidhar, D.O.** Asst Professor

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

**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

**Allen Stevick, M.D.** Assoc 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

*Clinical Chiefs of Services*

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

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

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

**Richard Harvey, M.D.** Asst Prof, Cardiothoracic  
Surgery

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

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

**Howard Perofsky, M.D.** Asst Prof, Plastic Surgery

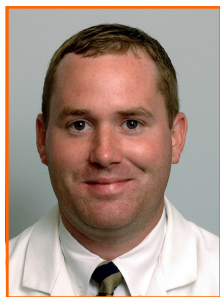
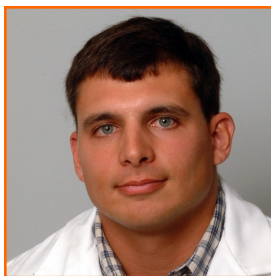
**Maurice Solis, M.D.** Asst Prof & Chief,  
Vascular Surgery



# Residents in Surgery

## Post Graduate Year 5

Andrew Foret, LSU  
Mark Herndon, MCG  
Clint Streetman, UAB

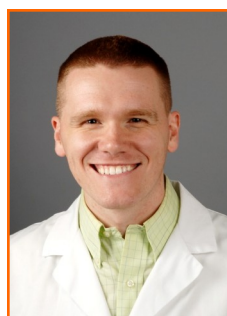
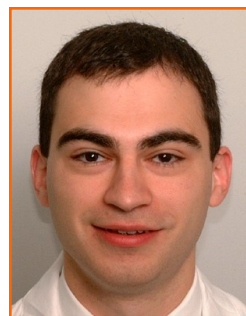


## Post Graduate Year 4

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

## Post Graduate Year 3

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

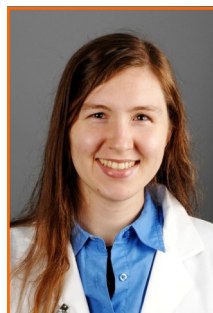


## Post Graduate Year 2

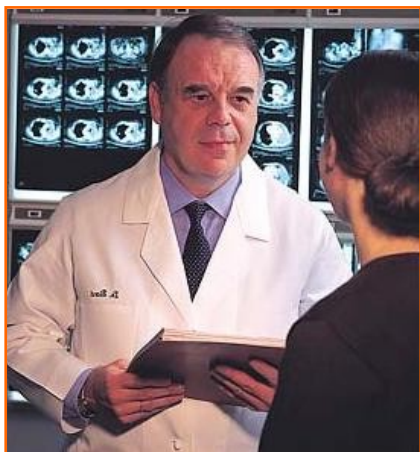
Kristin Collier, MCG  
Heidi Haun, Univ South Florida  
Homer 'Trey' Keadle, MUSM  
Jacob Moremen, Univ Kentucky

## Post Graduate Year 1

Cala Cartwright, MUSM  
Caroline Fenley, MUSM  
Robin Gilles, ETSU  
Jesus Villarreal, UTMB



# Visiting Professors 2009 - 2010



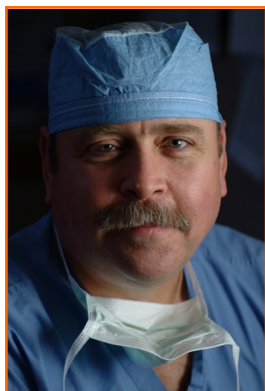
## Kirby Bland, 2010 Hatcher Lecturer

Kirby I. Bland, M.D., gave the Milford B. Hatcher Lecture in March 2010 on the current treatment of Stage 0 and 1 breast cancer. The lecture, the highlight of the academic year, commemorates Dr. Hatcher, the founding Program Director of the Residency and the first chair of the Department.

Dr. Bland is the Fay Fletcher Kerner Chair of Surgery at the University of Alabama at Birmingham School of Medicine. One of the most prominent surgeons in the U.S., he is president of the American Surgical Association and past president of the Southern Surgical Association and the Southeastern Surgical Congress. He has made important contributions to the literature. He is editor of *The Breast*, the definitive text on breast diseases.

## Daniel Beauchamp, Vanderbilt Chair

Daniel Beauchamp, M.D., was visiting professor in January. Dr. Beauchamp is the John Clinton Foshee Distinguished Professor of Surgery and Chairman of the Section of Surgical Sciences at Vanderbilt University. At the Macon Surgical Society meeting he spoke on modern management of the operating room based on his experience as surgeon-in-chief for the Vanderbilt Medical Center. At Grand Rounds his lecture was on personalized treatment of cancer based upon molecular genetics, his area of expertise. As a memento of his visit **Dr. Dalton** presented Dr. Beauchamp with a gavel made from a pecan tree from the Culloden, Georgia, birth home of Alfred Blalock, internationally famous surgeon whose career began at Vanderbilt.



## Joseph Cofer, Univ Tenn Chattanooga

Joseph B. Cofer, M.D., visited in October 2009. He spoke on the critical surgical workforce shortage in rural areas to the Society and his surgical experience with hepatobiliary conditions at Grand Rounds. He reviewed the rural surgical rotation at his Residency in Surgery at the Erlanger Medical Center in Chattanooga.

Dr. Cofer is Professor of Surgery at the University of Tennessee College of Medicine Chattanooga. A noted surgical educator, he is immediate past president of the Association of Program Directors in Surgery. Active in humanitarian activities, in 2007 he received the Distinguished Service Award by the Tennessee Medical Association for work with Project Access, a \$16 million project to bring healthcare to needy patients.

## Gator surgery chief Behrns visits Macon

Kevin Behrns, M.D., Edward Woodward Professor of Surgery and Chair of Surgery at the University of Florida, came to Macon in July 2009. An international expert in pancreatic surgery, he spoke on biliary pancreatitis at the Macon Surgical Society meeting and on pancreatic cystic disease at Grand Rounds. A lively case management conference followed.

A gastrointestinal surgeon, Behrns heads the Surgical Laboratory of Hepatobiliary and Pancreatic Pathobiology, a National Institutes of Health-funded research lab that focuses on the role of chronic inflammation in the regulation of liver and pancreatic cell growth control.





# Conferences 2009 - 2010



## 37th Day of Surgery: John Mellinger, Edward Lin

John Mellinger, M.D., and Edward Lin, D.O., were invited speakers at the 37th Day of Surgery in May. **Bryan Weidner, M.D.**, was the featured faculty speaker. Dr. Mellinger (top, left) gave a spectacular talk on 'best practices' in ACGME core competencies among exemplary MCG attending staff. Currently Program Director of the Residency in Surgery at MCG, he was recently named Chair of the Department of General Surgery at the Southern Illinois School of Medicine in Springfield. He was recognized by the Association for Surgical Education with its Outstanding Teacher Award in 2005.



Dr. Lin (bottom, left) spoke on the Emory University experience with its surgical bariatric program. Dr. Lin is one of the region's young innovators in minimally invasive surgery and is director of the Emory Endosurgery Unit for Minimally Invasive Surgery.

Dr. Weidner spoke on the clinical presentations of malrotation of the intestine. PGY4 residents also gave presentations at the event. **Andrew Bozeman** presented his work on noninvasive measurements of cardiac output in newborn infants. **Danny Vaughn**, reviewed therapeutic options to prevent bleeding after thyroidectomy.

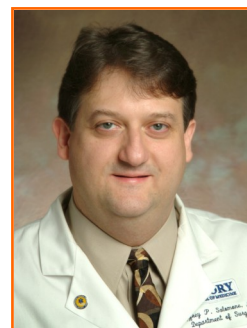
The Day of Surgery, established by **Ellis Evans, M.D.**, Clinical Professor of Surgery, is the featured continuing education activity of the Department.

## 19th Trauma Symposium

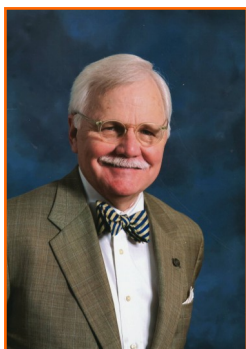
More than 100 surgeons and emergency personnel attended the 19th Annual Trauma Symposium in November. Guest speakers included Vik Bebart, M.D., San Antonio, and Jeffrey Salomone, M.D., Atlanta. **Leon Sykes, M.D.**, was the faculty speaker.



Dr. Bebart (left) is at the University of Texas Health Sciences Center in San Antonio and the Wilford Hall Medical Center. He spoke on new concepts in blast injuries based in part on his extensive experience treating wounded soldiers in the Iraq War. Dr. Salomone (right) is at Emory University and Grady Memorial. He updated the current approach to transfusion for life-threatening injury. Dr. Sykes presented current concepts in rib fracture fixation in chest injuries.



## 11th History of Medicine: Charles Bryan

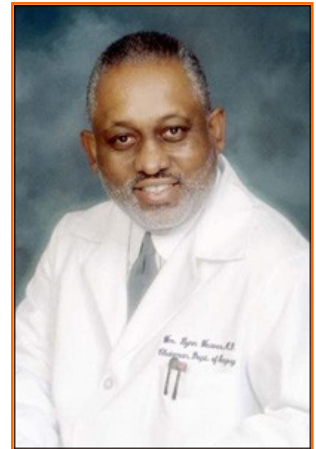


Charles S. Bryan, M.D., MACP, FRCP (Edin), gave the keynote address at the History of Medicine Symposium. Dr. Bryan (left), of the University of South Carolina, spoke on "William Osler and the Religio Medici." **Robert Holl-Allen, M.D.**, reviewed the British contributions to the field of organ transplantation. **James Cunningham, M.D.**, reviewed surgery in the Victorian era. PGY3 **Eric Long** gave the story of the first cardiac catheterization, and PGY4 **Bradley Dennis** reviewed the poignant story of Lou Gehrig and his battle with ALS. David Rosenthal, M.D., Chief of Vascular Surgery at the Atlanta Medical Center, spoke on the athletic and medical events surrounding the first running of the four-minute mile.

# Conferences 2009 - 2010

## W. Lynn Weaver, Morehouse University

The medical library at MUSM received a special traveling exhibit from the National Library of Medicine, “Opening doors: Contemporary African American Academic Surgeons” in May and June 2010. As part of the exhibit the Department, the Macon Surgical Society, MCCG, MUSM, and the Harriet Tubman African American Museum in Macon hosted W. Lynn Weaver, M.D., Professor of Surgery, Morehouse School of Medicine. Dr. Weaver, the President of the Society of Black Academic Surgeons, was the featured speaker at a special meeting of the Macon Surgical Society at the Tubman Museum. His topic, titled, “The Rooney rule in academic surgery,” explored diversity in academic surgery. Future conferences involving the Tubman Museum and other community organizations will be planned.



## Honors and Awards

**Issam J. Shaker, M.D.**, Clinical Professor of Pediatric Surgery, was elected President of the Bibb County Medical Society in its meeting in December. **Robert Perkel, M.D.**, Clinical Assistant Professor, was named to the BCMS Board of Councilors.

**Dennis Ashley, M.D.**, was named Chair of the Publications Committee of the Committee on Trauma of the American College of Surgeons (COT-ACS), one of its major posts. The COT-ACS is the oldest organization devoted to trauma care in the U.S.

**Martin Dalton, M.D.**, was guest speaker at the Alpha Omega Alpha (AOA) society induction dinner in May. AOA is the national medical honor society. **Vincent Scoglietti, Eric Long, and Jason Chapman**, all PGY-3, were inducted with this year's AOA class. **Leon Sykes, M.D.**, Associate Professor, was among the faculty members elected.

**Vincent Scoglietti** was selected by the Senior Class of 2010 as the best resident teacher among the MCCG medical education departments, voted on by the senior class. **Earl Mullis, M.D.**, was selected best surgical faculty teacher by the class. **Bruce Innes, M.D.**, Professor, was awarded outstanding junior clerkship director.

The Junior Class of 2011 recognized fulltime and volunteer faculty members and residents in their year-end evaluations. **Matthew Jerles, M.D.**, clerkship director **Bruce Innes, M.D.**, and **Earl Mullis, M.D.**, were the highest rated lecturers for the clerkship. Best teachers were **Macram Ayoub, M.D.** among the attending staff **Vincent Scoglietti** among the residents.

**Vincent Scoglietti, M.D.**, PGY-3, scored the highest percentile grade among MCCG residents for his training level in the American Board of Surgery In-Training Examination (ABSITE), the midyear examination taken by all U.S. surgical trainees. His score was in the 98th percentile. **Andrew Bozeman**, PGY-4, had the second highest percentile score, 88. **Jacob Moremen**, PGY2, had the most improved score from the previous year among our residents, scoring in the 79th percentile. The PGY-3 class of Dr Scoglietti, **Geary Bush, Jason Chapman, and Eric Long** had the highest average score among PGY classes, with a 69th percentile average.

**Tracy Nolan**, who will join the residency in July, received the Will C. Sealy Award as one of two outstanding graduating students in surgery at the MUSM awards ceremony in May. She also was named best student in pediatrics. **Heidi Hendrick** was also recognized for her outstanding performance in surgery with the Joe Sam Robinson award.

**Sheryl Nipper**, Administrative Assistant and Residency Coordinator, was honored by the Medical Center for her 25 years continuous service to the Department. She has supported the residency as Residency Coordinator since its reorganization by Dr. Will Sealy.

**Eric Long**, PGY3, won the Basic Science award for best paper at the annual residents' competition of the Committee on Trauma Southeast Region of the American College of Surgeons meeting in New Orleans in November after winning the state competition in August. He competed in the national competition in Las Vegas in March 2010. His work won the state Committee on Trauma competition of the Georgia Society of the American College of Surgeons meeting in August in Atlanta.

**Jason Chapman**, PGY3, won the “Looking to the Future” Scholarship to attend the annual meeting of the Society of Thoracic Surgeons at Fort Lauderdale, Fla., in January. The scholarship identifies and encourages general surgery residents who are considering a career in cardiothoracic surgery.

# Upcoming Visiting Professors

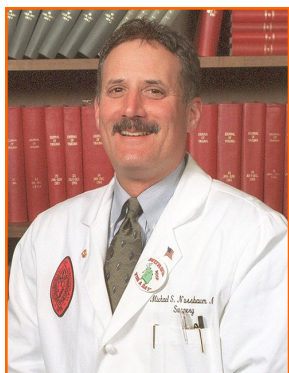
## John Cameron to give 2011 Hatcher Lecture

John L. Cameron, M.D., one of the foremost figures in U.S. surgery, will visit MCGG and MUSM in Spring 2011 as the Milford Hatcher Lecturer in Surgery. Dr. John L. Cameron is the Alfred Blalock Distinguished Professor at The Johns Hopkins University School of Medicine. For nineteen years he served as the Chief of Surgery at The Johns Hopkins Hospital. Dr. Cameron is one of the world's foremost experts in pancreatic cancer. National leadership positions held include presidencies of the American Surgical Association, and the American College of Surgeons. His textbook, *Current Surgical Therapy*, is in its 9th edition and is familiar to residents and students as the 'Bible' in studying for board exams.



## Kelly McMasters, Univ of Louisville

Kelly McMasters, M.D., Ph.D., one of the leading surgical oncologists in the U.S., will visit in July. He is the Sam and Lolita Weakley Professor and Chair of the Department of Surgery at the University of Louisville. He was president of the Southeastern Surgical Congress. He is principal investigator in the Sunbelt Melanoma Trial, the world's largest clinical study of melanoma with 79 centers and more than 3,400 patients.

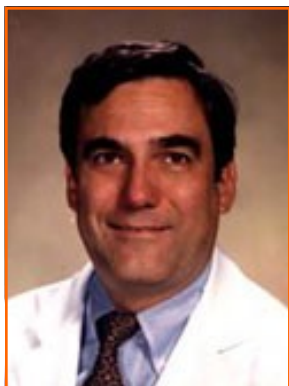


## Michael Nussbaum, UF Jacksonville

Michael Nussbaum, M.D., visiting in October, is the Professor and Chair of the Department of Surgery at the Jacksonville campus of the University of Florida School of Medicine. He is a national leader in minimally invasive surgery surgical education. He is a member of the American Board of Surgery.

## Marc Mitchell, Univ of Mississippi

Marc Mitchell, M.D., will give grand rounds as visiting professor in January 2011. Dr. Mitchell is the James Hardy Professor and Chair of the Department of Surgery at the University of Mississippi Medical Center. A University of Georgia graduate, he has a national reputation in vascular surgery.



## John Morris, Vanderbilt

John Morris, M.D., will be the featured speaker at the 20th Trauma Symposium in November. Dr. Morris is Professor of the Department of Surgery at the Vanderbilt University where directs the division of trauma and surgical critical care. He is the founding director of the Division of Trauma at Vanderbilt, a post he has held since 1984.



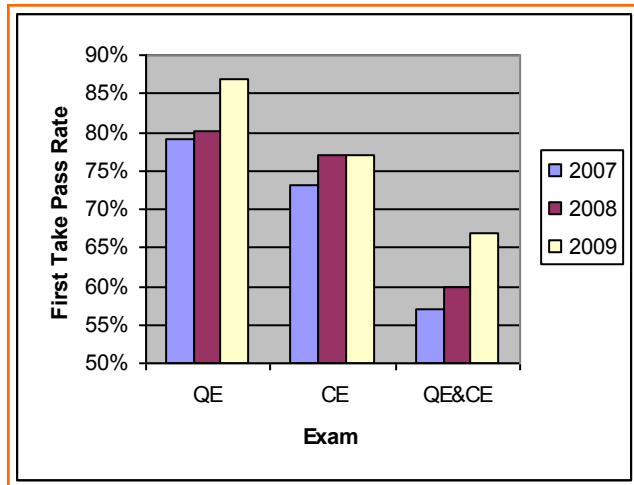
# Chair's Report

The Department of Surgery has a tradition of academic and clinical excellence built by Dr. Sealy and Dr. Dalton that parallels the growth of MUSM. I report our progress over the past year in meeting our goals.

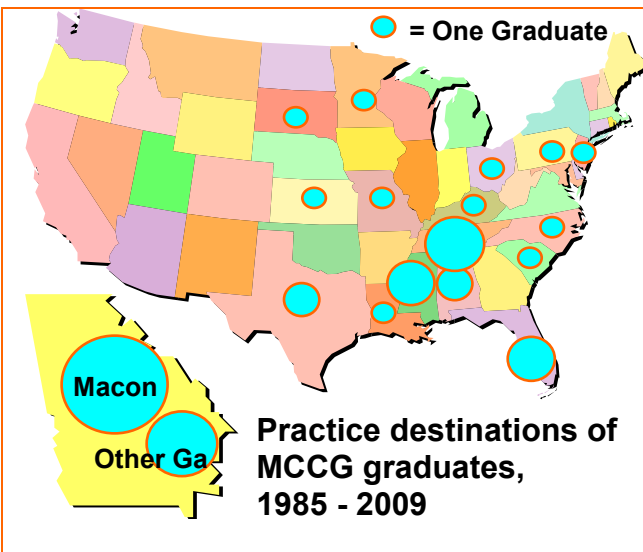
**To train general surgeons who are technically proficient and have mastered the six core competencies of the Accreditation Council for Graduate Medical Education (ACGME).**

Re-accreditation of the Residency in Surgery will start with a site visit by the Residency Review Committee in Surgery (RRC) in July. Preparation for this essential review requires all faculty and staff, including **Martin Dalton, M.D.**, Associate Program Director, **Sheryl Nipper**, Residency Coordinator, **Irma Miranda**, Department Secretary, and **Tammi Ford**, Clerkship Coordinator.

Our objective is to achieve a 90% first taker pass rate for the Qualifying and Certifying Examinations (QE and CE, respectively) of the American Board of Surgery (ABS). We have had a gradual increase in the pass rates over the past three years (chart, right). We are moving to our desired level of 90%.



Since 2000 there have been 27 chief residents who have graduated from the Residency. The largest proportion are graduates of MUSM (7, 13%) and the University of Mississippi (5, 9%), but have come from as far away as UCLA and the Medical College of Pennsylvania. Some go into practice without a fellowship (4, 7%),



but the rest have had subspecialty training in nearly all fields of general surgery (vascular surgery 5, 9%; plastic surgery 7, 12%; cardiothoracic and colorectal surgery, 3 each, 6%; surgical critical care, 2, 4%, and MIS, surgical oncology, and breast surgery, 1 each, 2%). Nearly all are in private practice (20 of 21 not presently in a fellowship, 95%), many in Georgia (8 of 21, 38%) or the southeast U.S. (15 of 21, 71%; map, left).

Two of three residents in the 2009-2010 class exceeded 1,000 operations during their residency. Assuring maximal experience in challenging cases is a priority. Accordingly we will form a new resident service by concentrating experience in colorectal and surgical oncology. Review of casework at MCCG confirms that there is ample experience to provide senior-level cases.

On-line resources now form the foundation for our academic coursework under the leadership of **Dr. Dalton**, who has been working as Associate Program Director. The SCORE curriculum (Surgical Council on Resident Education) has links to on-line texts, videos, and radiological libraries. The Fundamentals of Surgery curriculum from the American College of Surgeons provides on-line coursework for clinical problems that face house officers on call. Various ACS resources on professionalism and communication provide additional support for competency education. Objectives for resident rotations and expectations for evaluation are posted in the department and are reviewed with residents on semiannual reviews.

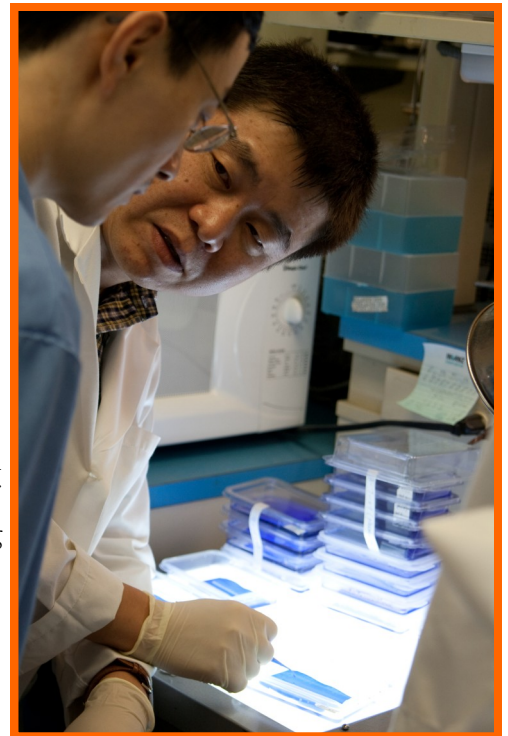


Capitalization for a simulation laboratory to support all aspects of medical education at MCCG was approved in 2010 with construction scheduled for later this year. The laboratory will include high fidelity simulators for surgical and endoscopic operations and critical care scenarios, as well as basic dummies and practice manikins. The proposed laboratory will also have necessary video support to review performance. Team training for trauma, emergency, and critical care will also be a priority of the simulation laboratory.

Educational activities toward mastery of the six ACGME core competencies continue: patient care, medical knowledge, practice-based learning and improvement, communication, professionalism, and system-based practice. A departmental portfolio documents all activities conducted by the department, which includes resident portfolios, lectures, conferences, case discussions, one-on-one mentoring, and projects conducted by residents. Activities have resulted in peer-reviewed publications and presentations in regional forums.

#### **To increase basic science and clinical research production.**

**Zhongbiao Wang, M.D.** (right), Associate Professor and Director of Surgical Research for the Department, continues to mentor residents in basic research. His laboratory continues to be productive in the field of vascular biology. From 2009-2010 there were 19 publications, including 2 abstracts. Twenty presentations were made by residents at national meetings. Outside funding of research activities is a high priority, with two extramural grants in preparation.



**Eric Long, M.D.**, PGY3, won the state and regional resident competitions of the Committee on Trauma of the American College of Surgeons. He presented his research at the national COT meeting in Las Vegas in March 2010.

#### **To provide a high level of educational services and opportunities to MCCG and MUSM**

Our educational efforts extend into post residency fellowship training, continuing education, and undergraduate medicine.

The fellowship in surgical critical care at MCCG completed its first year under the directorship of **Dennis Ashley, M.D.** and **Leon Sykes, M.D.** **D. Benjamin Christie, M.D.**, completed the fellowship in June 2010.

### **To provide a high quality clinical surgical services to the central Georgia region**

The Department is part of the Health Systems of Central Georgia (HSCG), the professional services arm of MCCG. We have primary responsibilities in three clinical areas: Trauma and surgical critical care; surgical services to the medically indigent; and pediatric surgery.

MCCG is a Level 1 Trauma Center, and is certified by the Georgia Division of Public Health and the Office of Trauma. **Dr. Ashley** serves as Director. The Trauma Center had more than 1,500 admissions, making it one of the busiest in the state.

Service to the medically indigent is an important function of the Department. **Macram Ayoub, M.D.**, Professor and Vice Chair of the Department, is Director of this part of the surgical practice.

The pediatric surgical service will expand to four attending surgeons with the addition of **Dr. Weidner** and **Joshua Glenn, M.D.** They will join **Issam Shaker, M.D.**, Professor, **Darla Rich, R.N.**, **Sally Lester, R.N.**, and Dr. Nakayama to provide pediatric surgical services that are essential to the Children's Hospital at MCCG. Volumes of pediatric surgery have increased by more than 50% over FY2009 after an 100% increase the year before.

### **To run clinical operations in a financially responsible, transparent manner at moderate expense.**

Our objectives are to achieve 10% growth in revenue with expenses controlled to a 2% increase. This year we have a 10.2% increase in total revenue year to date, with a 20.6% increase in net patient revenue. This follows a decreases in FY2009 ending in October of 4.3% in charges and 8.3% in net revenue. This year we have a decrease in total expenses of 13.3%, only 1.8% above budget. This follows FY2009 where there was already a decrease of again 13% in expenses. We are close to achieving billing cycle goals of billing lag to less than 7 days, denial rates under 15%, and net collection rates above 90%. Financial performance is improving and an important part is improvement in practice operations. **Jennifer Laster, M.B.A.**, joined the department as practice manager and took over primary business responsibility in January 2010.





# Publications, 2009 - 2010

- 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 Otorhinolaryngology Extra* 2010;5:138-40.
- Nakayama DK**. Management of the surgical newborn: Physiological foundations and practical considerations. *J Pediatr Urol* 2010;6:232-8.
- Wang Q, **Ashley DW**, Dechow PC. Regional, ontogenetic, and sex-related variations in elastic properties of cortical bone in baboon mandibles. *Am J Phys Anthro* 141:526-549(2010)
- Nakayama DK**, Phillips LG, Newsome RE Jr, Fuhrman GM, Tarpley JL. Transition from chief residency to specialty training: Issues and solutions. *Am Surg* 2010;76:85-90.
- Nakayama DK**, **Thompson WM**, Wynne JL, **Dalton ML**, **Bozeman AP**, **Innes BJ**. The effect of ACGME duty hour restrictions on operative continuity of care. *Am Surg* 2009;75:1234-7.
- Nakayama DK**. Professionalism in Kurosawa's medical dramas. *J Surg Education* 2009;66:395-8.
- Bozeman AP**, **Scoglietti VC**, **Bush GD**, **Kong L**, **Kang J**, **Robinson JS Jr**, **Nakayama DK**, **Wang Z**. Thrombin stimulates activity of MMP-2 in microvascular endothelial cells through a mechanism involving PAR1 activation and protein synthesis. *J Amer Coll Surg* 2009;209:S35.
- Scoglietti VC**, **Kong L**, **Kang J**, **Robinson JS**, **Nakayama DK**, **Wang Z**. Thrombin-stimulated MMP2 activity in vascular endothelial cells involves protein synthesis and ERK activation. *J Amer Coll Surg* 2009;209:S137.
- Long EL**, Stout CL, Mix, JW, Cannon C, **Streetman WC**, **Nakayama DK**, **Ayoub M**. Compound intussusception in an adult: A rare cause of longstanding abdominal pain. *Am Surg* 2009;75:343-4.
- Foret AL**, **Bozeman AP**, **Floyd WE**. Necrosis caused by intra-arterial injection of promethazine: Case report. *J Hand Surg* 2009;34A:919-923.
- Koehler MB, **Nakayama DK**. Treatment of cutaneous abscess without postoperative dressing changes. *AORNJ* 2009;90:569-574.
- Nakayama DK**, Burd, RS, Newman KD. Pediatric surgery workforce: supply and demand. *J Pediatr Surg* 2009;44:1677-1682.
- Nakayama DK**, Burd, RS, Newman KD. Clinical and financial characteristics of pediatric surgery practices. *J Pediatr Surg* 2009;44:1304-1308.
- Nakayama DK**, **Bozeman AP**. Industry support of graduate medical education in surgery. *Am Surg* 2009;75:395-400.
- Wang Z**, **Kong L**, **Kang J**, Morgan JH III, Shillcutt SD, **Robinson JS Jr**, **Nakayama DK**. Thombin stimulates mitogenesis in pig cerebrovascular smooth muscle cells involving activation of pro-MMP-2. *Neurosci Lett* 2009;451:199-203.
- Moore AB**, **Nakayama DK**. Preformed Silastic silos in the management of necrotizing enterocolitis. *Am Surg* 2009;75:172-4.
- Nakayama, DK**. Seishu Hanaoka, surgery, and anesthesia in feudal Japan. *The Pharos* 2009 (Winter):35-40.
- Wang Z**, **Kong L**, **Kang J**, **Vaughn DM**, **Bush GD**, **Walding AL**, **Grigorian AA**, **Robinson JS Jr**, **Nakayama DK**. Interleukin-1b induces migration of rat arterial smooth muscle cells involving matrix metalloproteinase-2 activity. *J Surg Res* 2010, in press.
- Nakayama DK**, Bushey TN, Hubbard I, Cole D, Brown A, Grant TM, and **Shaker IJ**. Clinical and system-based issues in operation room team performance. *AORNJ*, in press.
- Nakayama DK**, Langer JC. Single Payer Health Insurance in Pediatric Surgery: U.S. Impressions and Canadian Experience. *Pediatr Surg Int*, in press.
- Moremen JR**, Han N, **Christie DB**, and **Nakayama DK**. Diverticular abscess presenting as an incarcerated inguinal hernia: An atypical presentation and conservative management. *Am Surg*, in press.
- Nakayama DK**. In defense of industry-physician relationships. *Am Surg*, in press.
- Chapman JR**, Sedghi S, **Christie BD**, **Nakayama DK**, and Wynne JL. Aberrant right subclavian artery-esophageal fistula: Case report. *Am Surg*, in press.

# Presentations, invited lectures

## *National meetings.*

**Dalton, ML.** James D. Hardy and the first lung transplant. Presented at the 40<sup>th</sup> Meeting of the American Osler Society, Rochester, Minn., April 28 2010.

**Bozeman AP, Van De Water JM,** Smith-Weaver B, Rodriguez M, Vogel RL, Ho, BT, **Nakayama DK.** Noninvasive measurement of cardiac output in neonates by electrical cardiometry. Presented at the annual meeting of the American Pediatric Surgical Association, Orlando, Fla., May 18 2010.

*Presentations at the Surgical Forum, Clinical Congress of the American College of Surgeons, Chicago, IL, October 12 2009.*

**Bozeman AP, Scoglietti VC, Bush GD,** Kong L, Kang J, **Robinson JS Jr, Nakayama DK, Wang Z.** Thrombin stimulates activity of MMP-2 in microvascular endothelial cells through a mechanism involving PAR1 activation and protein synthesis. Surgical Forum, Clinical Congress of the American College of Surgeons, Chicago, IL, October 12, 2009.

**Scoglietti VC,** Kong L, Kang J, **Robinson JS Jr, Nakayama DK, Wang Z.** Thrombin-stimulated MMP2 activity in vascular endothelial cells involves protein synthesis and ERK activation. Surgical Forum, Clinical Congress of the American College of Surgeons, Chicago, IL, October 12 2009.

**Bozeman AP,** Rodriguez M, Weaver B, Ho BNT, Vogel RL, **Van De Water JM,** and **Nakayama DK.** Electrical cardiometry and its application in the neonatal population: a burgeoning prospect on the horizon. Presented at the American Academy of Pediatrics Section on Perinatal Pediatrics, October 16 2009, Washington DC.

*Presentations at the annual meeting of the Southeastern Surgical Congress, Savannah, Ga., February 21 - 22 2010.*

**Foret AL, Scoglietti VC,** Sams RN, and **Nakayama DK.** A fulminant case of necrotizing fasciitis associated with *Clostridium septicum*.

**Moremen JR,** Han N. **Christie DB,** and **Nakayama DK.** Diverticular abscess presenting as an incarcerated inguinal hernia: An atypical presentation and conservative management.

**Bozeman AP, Ayerdi J, Van De Water JM,** Wynne JL, and **Nakayama DK.** Novel approach to exclusion of a splenic artery pseudoaneurysm in a hostile post-operative abdomen.

**Long EL, Scoglietti VC, Nolan TL, Nakayama DK.** Capillary hemangioma as a cause of unilateral breast enlargement.

**Scoglietti VC, Collier KT, Long, EL, Bush GP, Chapman JR, Nakayama DK.** After hours complications: Evaluation of the predictive accuracy of resident sign-out.

**Chapman JR,** Sellers MT, Tan M, **Nakayama DK.** Primary leiomyosarcoma of the liver: A case report and review.

*Presentations at the Residents' competition, Georgia State Committee on Trauma, Georgia Chapter of the American College of Surgeons, August 16 2009, Atlanta Ga.*

**Long EL.** Bacterial endotoxin induces vascular endothelial hyperpermeability through the phosphatidylinositol-3-kinase pathway. Regional meeting, New Orleans, La., and national meeting, March 9 2010, Las Vegas, Nev.

**Chapman JR** Heparin inhibits vascular endothelial cell apoptosis induced by bacterial endotoxin.

**Foret AL.** Tree stand related injuries.

## *Invited Lectures.*

**Ashley DW.** State advocacy: What is it and how to do it. Trauma funding. Clinical Congress of the American College of Surgeons, Chicago, IL, October 13 2009.

**Nakayama DK.** Physiology of the surgical newborn. Society for Fetal Urology, Section of Urology, American Academy of Pediatrics, Chicago IL, October 16 2009.

**Nakayama DK.** In defense of industry-physician relationships. Meeting, Southeast State Medical Society Leadership Meeting, Atlanta, GA, December 3 2009.

**Nakayama DK.** Simulation in medical education. Georgia Physician Executives Group meeting, Kennesaw, GA, April 30 2010.

# Dedication

The MUSM/MCCG Department of Surgery is pleased to dedicate the Annual Report to three distinguished faculty members, **Bruce J. Innes, M.D., CM, MSc, FACS, FRCS (Lond)**, **Joseph M. Van De Water, M.D., FACS**, and **Arthur S. Besser, M.D., MPH, FACS**.

Dr. Innes (above, right) received his undergraduate education at Haverford College in Pennsylvania and his medical degree from McGill University in Montreal. He served his internship and surgery residency at Montreal General Hospital with cardiothoracic training at the Bellevue Hospital and the Columbia University College of Physicians and Surgeons. After faculty appointments at Eastern Virginia School of Medicine and University of Florida in Jacksonville, Dr. Innes joined the faculty of MUSM in 1981, one year before the acceptance of its first students. In 1994, he was appointed Director of Undergraduate Surgical Education.

Dr. Innes received the coveted hooding award from the graduating MUSM class of 2002 and 2009 and has won numerous teaching awards. He is a member of Alpha Omega Alpha, American Osler Society, Society of Thoracic Surgeons, and the Association for Surgical Education. In July 2010, he is to be inducted into the prestigious Royal College of Surgeons of London.



Dr. Van De Water (left) received his undergraduate education and medical degree from Stanford University. After internship at Philadelphia General Hospital, his residency in general and thoracic surgery was at UCLA under the esteemed Dr. William P. Longmire Jr. He had a surgical research fellowship at the Peter Bent Brigham Hospital under the legendary Dr. Francis Moore and cardiac surgery training under Dr. Longmire at UCLA. He has been on the faculty at UCLA, the University of Tennessee in Memphis, Brown University, Medical College of Georgia, and Temple University. In 1991, he joined the Mercer University School of Medicine faculty as coordinator for research and development and director of surgical research and education.

Dr. Van De Water is a member of Alpha Omega Alpha, American Association for the Surgery of Trauma, and American Association for Thoracic Surgery. An avid scuba diver, he is a member of the Undersea and Hyperbaric Medical Society. He is the author of 114 publications in the surgical literature and maintains an active interest in surgical education.

The Department lost one of its most loyal friends in May when Dr. Besser (below, right) died from complications after a nearly year-long illness. In a long academic career, he last held the post of Associate Professor of Surgery at Mercer University School of Medicine and Chief of Pediatric Surgery at the Medical Center of Central Georgia.

Dr. Besser grew up in the Cleveland area. A graduate of the Ohio State University (B.S., 1957) and the Thomas Jefferson Medical College in Philadelphia (M.D., 1961), he trained in surgery at the Mount Sinai Hospital in Cleveland from 1961 - 1967. He served as captain at the Hunter Air Force Base in Savannah from 1963 - 1965. He trained in pediatric surgery under Ovar Swenson at the Children's Memorial Hospital in Chicago in 1972. He then practiced in the Henry Ford Hospital in Detroit, where he was Chief of Pediatric Surgery, and in private practice in Las Vegas before moving to Macon.

He is remembered as having exacting professional standards and being devoted to the art and craft of pediatric surgery. He sometimes had conflicts with staff, but his motivation was always for the benefit of his patients and families.

He was laid to rest at the Sha'arey Israel Cemetery in Macon, Rabbi Rachel Bat-Or officiating. He is survived by his wife of 50 years Carol; his brother Howard; his son Daniel; his son David; and his daughter Deborah Oliner. He had three grandchildren. His family asks that donations in his memory be made to the Children's Hospital, 888 Pine Street, Macon, GA 31201.





# Acknowledgements



Front row (left to right) Dennis Ashley, Leon Sykes, Macram Ayoub, Trey Keadle, Eric Long, Kala Cartwright, Martin Dalton, Bruce Innes, Don Nakayama. Second row: Joseph Van De Water, Amy Moore, Kristin Collier, Andy Bozeman, Geary Bush, Kim Thompson. Third row: Benjie Christie, Brad Dennis, Jacob Moremen, Robin Gilles, Heidi Haun, Caroline Fenley. Back row: Mark Herndon, Andrew Foret, Clint Streetman, Danny Vaughn, Jason Chapman, Vince Scoglietti.

The Department of Surgery administrative staff is the essential motor that runs the residency and medical education activities. Generations of residents recognize the contributions of **Sheryl Nipper**, Administrative Assistant, who oversees departmental administrative functions. **Irma Miranda**, Department Secretary, provides key support in all areas. **Tammi Ford**, Clerkship Coordinator, gives structure to undergraduate medical student rotations and activities.

The Department of Surgery recognizes our partners in surgical education, the Medical Center of Central Georgia and the Mercer University School of Medicine. The following people and organizations provide financial and organizational support that allows us to achieve our goals of excellence in resident education and patient care. Most importantly we recognize our partners in nursing, whose devotion to our patients both inspire and humble us.

**Mercer University School of Medicine:** William F. Bina, M.D., Dean, Barbara Moore, M.B.A., Director of Finance.

**Medical Center of Central Georgia:** A. Donald Faulk, Jr., FACHE, President and Chief Executive Officer, Joe Lavelle, Executive Vice President, James Cunningham, M.D., Senior Vice President and Chief Medical Officer, Marcia Hutchinson, M.D., Vice President and Designated Institutional Official, Barbara Stickel, R.N., Senior Vice President and Chief Nursing Officer.

**Health Services of Central Georgia:** Louis Imbrogno, Chief Executive Officer, Kelli Mahan, Practice Services Manager.

**MedCen Foundation:** Ethel A. Cullinan, Ph.D., FACHE, FAHP, President and CEO.