School of Medicine

ANNUAL REPORT

2011/2012

Department of ANESTHESIOLOGY 4
Department of BIOCHEMISTRY 6
Department of EMERGENCY MEDICINE 8
Department of FAMILY MEDICINE 10
Department of MEDICINE 15
Department of MICROBIOLOGY 23
Department of NEUROBIOLOGY AND ANATOMICAL SCIENCES 25
Department of NEUROLOGY 27
Department of NEUROSURGERY 30
Department of OBSTetrics AND GYNECOLOGY 32
Department of OPHTHALMOLOGY 35
Department of ORTHOPEDIC SURGERY AND REHABILITATION 38
Department of OTOLARYNGOLOGY AND COMMUNICATIVE SCIENCES 41
Department of PATHOLOGY 46
Department of PEDIATRICS 49
Department of PHARMACOLOGY 54
Department of PHYSIOLOGY AND BIOPHYSICS 56
Department of PSYCHIATRY 60
Department of RADIATION ONCOLOGY 63
Department of RADIOLOGY 65
Department of SURGERY 68
**EDUCATION**

**LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)**
- Arthur L. Calimaran, MD – Vice Chair for Education
- Arthur L. Calimaran, MD – Residency Program Director
- Ike Eriator, MD – Pain Medicine Fellowship Director
- Mack Woo, MD – Medical Student Education Director

**LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:**
- ACGME-approved slots for learners
  - Residency Program – 32
  - Pain Medicine Fellowship – 2
- ACGME accreditation status
  - Residency Program – Continued Accreditation
  - Pain Medicine Fellowship – Continued Accreditation
  - ACGME re-accreditation cycle length (in years)
    - Residency Program – 3
    - Pain Medicine Fellowship – 4
- Board pass rate
  - Residency Program – ABA Part 1 = 100% ABA Part 2 = Pending
  - Pain Medicine Fellowship – Pending

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT**
- Accomplishments: 100% ABA Part 1 pass rate for the past 2 years
- Developments: Recruitment of new Chair
- Challenges: Research productivity

**RESEARCH**

**FACULTY SCHOLARLY PRODUCTIVITY:**
**LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:**
- Articles in peer-reviewed journals: 1
- Books or book chapters published: 4
- Faculty who are members national study sections or committees: 2
- Journal editors or members of editorial boards: 5
- PIs on extramural grants: 0

**TOTAL AMOUNT OF NIH FUNDING:** 0

**TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS):** 0

**LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE):** 3 (clinical revenue)

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT:**
- Accomplishments: There were several presentations from our department at national meetings including the annual meetings of the American Society of Anesthesiologists (ASA), Post Graduate Assembly in Anesthesiology (PGA), and the International Meeting of Society for Simulation in Healthcare.
- Developments: There is continued ongoing development of the research program within the department.
- Challenges: In general, this is a challenging time for research in terms of available funding as well as successful funding rates.

**ADMINISTRATIVE**

**LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)**
5884 Total Net Usable Square Footage

**LIST OF FACULTY IN EACH DIVISION**
- John Adams, MD
- Thomas Allingham, MD
- Suwarna Anand, MD
- Rita Banoub, MD
- Timothy Beacham, MD
- John Bethea, MD
- Frank Bonvillain, MD
- Irina Borissova, MD
- Karen Branam, MD
- Claude Brunson, MD
- Arthur Calimaran, MD
- John Current, MD
- Xiaoli Dai, MD
- Raouf Daoud, MD
- Luiz DeLima, MD
- James Duncan, MD
- Ike Eriator, MD
- Barry Hall JR, MD
- John Hall, MD
- Candance Keller, MD
- Keith Knopes, MD
- Anna Lerant, MD

**ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE:** Program Mean = 4.5

**NUMBER OF GRADUATE STUDENTS:** 0
HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE? No

FINANCIAL PERFORMANCE - LIST: July 2011-May 2012
- Total charges $38,576,864.73
- Total collections $8,266,922.12
- Charges per RVU N/A
- Collections per RVU $56.05

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- Accomplishments: A 3.5% increase in total charges was seen in this time period compared to the previous fiscal year 11 month time period
- Developments: New Chair hired
- Challenges: Interim departmental leadership; understaffing issues required locum physicians and increased faculty call burden

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- Accomplishments: Successful integration of EPIC into all clinical sites
- Developments: Successful recruitment of new faculty, particularly in subspecialty areas of anesthesia
- Challenges: Department was without a permanent Chair for the fiscal year

CLINICAL
(for clinical departments only)

LIST THE NUMBER OF “Q AWARDS” RECEIVED: None

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:
None
- Mortality and patient safety index
- Risk adjusted length of stay
- Compliance with CMS core measures
- Patient satisfaction

Department of Anesthesiology

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
2011-2012 Committee Members
- Mahesh Mehta, MD (C)
- Arthur Calimaran, MD
- Luiz DeLima, MD
- Keith Knopes, MD
- James Mayhew, MD
- Penni Smith, PhD

NUMBER OF FACULTY HIRED: 9

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
- Travis Schmitz, Department Business Administrator
- Angie Harper, Administrative Assistant IV

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)
- Sponsor for the Margie Bulboff Golf Tournament
- Sponsor for the Multicultural Affairs Summer Program
- Habitat for Humanity-AIG

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS None

LIST YOUR TOP FIVE VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)
- Sponsor for the Margie Bulboff Golf Tournament
- Sponsor for the Multicultural Affairs Summer Program
- Habitat for Humanity-AIG

LIST YOUR CHAIR'S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
- Travis Schmitz, Department Business Administrator
- Angie Harper, Administrative Assistant IV
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
• Jack Correia, Coordinator and Director Medical Biochemistry (BCH610) and Graduate Biochemistry (BCH710)
• Drazen Raucher, Coordinator Dental Biochemistry (BCH604) and Graduate Biochemistry (BCH704)
• Jack Correia, Coordinator Physical Biochemistry (BCH715)
• Jon Hosler, Coordinator Mechanisms of Enzyme Action (BCH711)
• Damian Romero, Coordinator Biochemistry Journal Club (BCH720)
• Luis Martinez, Coordinator Biochemical Methods (BCH740)

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE - N.A.

NUMBER OF GRADUATE STUDENTS - 12 with 7 graduating during this reported year. (Nine new students entered this year.)

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• Medical Biochemistry has 135 medical students and approximately 15 graduate students enrolled. Our challenge is to prepare students for an external measure of biochemical competence that integrates with patient scenarios and differential diagnosis, while still covering the basic aspects of biochemistry, molecular biology, genetics and integrative metabolism. A comprehensive examination approach has proven to be successful raising the shelf board scores over the last four years to the 60th-70th percentile (2008-2011: 523, 533, 549, 530).
• The Dental Biochemistry course saw the addition of 38 graduate students (bringing the class size to 73) who were part of the Graduate Schools new Masters program.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
• Articles in peer-reviewed journals: 31
• Books or book chapters published: 1 book chapter, 1 non-reviewed Introduction to special edition journal.
• Faculty who are members national study sections or committees: 2
• Journal editors or members of editorial boards: 5
• PIs on extramural grants: 10 (includes 3 C.I. faculty)

TOTAL AMOUNT OF NIH FUNDING (ALL PER YEAR)
Core Faculty: $513,929 (Direct), $764,975 (Total)
Cancer Institute Faculty with primary appointments in Biochemistry: $432,000 (Direct), $691,588 (Total)

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AmOUNTS)
Core Faculty: $407,833 (Direct), $506,956 (Total)
NSF - $248,613 (Total)
American Heart - $77,000 (Total)
American Cancer - $166,378 (Total)
Speedel Experimenta (Industry Research Agreement) – $14,965 (Total)
Cancer Institute Faculty with primary appointments in Biochemistry:
$180,000 (Direct), 230,400 (Total)
American Cancer - $180,000 (Total)

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)
• Brown - Functional significance of H1 histone variants in DNA repair and chromatin conformation. Funded with combination of State funds, Research Enhancement, and a personal incentive account.
• Hosler – Mitochondria and Cytochrome oxidase structure and function. Starting a collaboration with M. Puskarich in Emergency Medicine looking at mitochondrial function in septic shock. Should lead to translational research funding. Funded with combination of State funds, Research Enhancement, and a personal incentive account.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
The department’s faculty continue to be fairly well funded and productive in their research. There are only two unfunded faculty who are both working very hard to get the preliminary data that they need to become refunded. The challenge is how to maintain if not increase the departmental funding at a time when the
NIH rate of funding is at a historically low level.

**ADMINISTRATIVE**

**LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)**

22,036 square feet of laboratory, office, and meeting and break space on the second floor of the Guyton Building and the Research wing (600 sq ft education, 898 administration, 20,538 sq ft research including PI, student, postdoc offices)

**LIST OF FACULTY IN EACH DIVISION**

Biochemistry “Core” Faculty:
- Donald B. Sittman, Professor and Chair
- John J. Correia, Professor
- David T. Brown, Professor
- Michael D. Hebert, Professor
- Jonathan P. Hosler, Professor
- Drazen Raucher, Professor
- Luis A. Martinez, Associate Professor
- Damian G. Romero, Assistant Professor
- Gene L. Bidwell, Instructor
- Cancer Institute Faculty with primary appointment in Biochemistry:
  - Azzeddine Atfi, Professor
  - Wael M. ElShamy, Associate Professor
  - Radhika Pochampally, Associate Professor
  - Guri Tzivion, Associate Professor
  - Ingrid Espinoza, Assistant Professor
  - Antonio Pannuti, Assistant Professor

**LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE**
- David T. Brown, Chair
- John J. Correia
- Jonathan P. Hosler
- Drazen Raucher
- Michael Hebert

**NUMBER OF FACULTY HIRED** - None

**LIST YOUR CHAIR’S OFFICE**

**ADMINISTRATIVE TEAM, WITH TITLES**
- Louise Jacobson, Supervisor-Business Operations
- Kennsie Johnson, Administrative Assistant III

**LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)**

American Heart Association – Heart walk (Biochemistry Team, raised ~ $1,000)

**LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS**

None besides grants listed above

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT** - None
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
- Jonathan Jones, M.D., Program Director
- Risa Moriarty, M.D., Assist Program Director
- L. Kendal McKenzie, M.D., Assist Program Director
- John Pettiey Sandifer, M.D., Clerkship Director

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
- ACGME-approved slots for learners: 36
- ACGME accreditation status: Full accreditation
- ACGME re-accreditation cycle length (in years): 4
- Board pass rate: 84%-Written, 93%-Oral

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE: 43% “positive,” 57% “very positive” (n=30)

NUMBER OF GRADUATE STUDENTS: 0

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- Resident Drs. Baker and Sterling presented at the National SAEM Conference
- Developing fellowships in Ultrasound and Research
- Complete match from rank list
- 3rd place National SAEM Sim Wars
- 7th and 9th place National Med Wars
- 2nd place National SAEM Jeopardy Competition

Challenges:
- Recruiting quality applicants to Mississippi
- Keeping interest from fourth year medical students at UMMC
- Competing with programs that offer a three year training program

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY:
LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
- Articles in peer-reviewed journals: 22
- Books or book chapters published: 4
- Faculty who are members national study sections or committees: 2
Note: Alan Jones, MD, Professor and Vice Chair is the new President-elect for SAEM. He is also on the SAEM Board of Directors, and chairs the Research Committee for both UMMC’s Department of Emergency Medicine and the American College for Emergency Physicians. In addition to being the primary investigator on several grants, he serves as a consultant to the Dutch Society of Emergency Physicians. Dr. Jones also serves on 16 editorial boards and 34 peer review journal groups.
- Journal editors or members of editorial boards: 4
- PIs on extramural grants: 4

TOTAL AMOUNT OF NIH FUNDING: $2,546,000

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS)
- $538,000 from the University of Michigan and various private sources
- $425,000 from the State of Mississippi to fund the Poison Control center

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE):
- Mitochondrial research by Michael Puskarich, MD in collaboration with Jon P. Hosler, PhD in the department of Biochemistry. Funding is being provided by clinical revenue and state appropriations.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT:
- Dr. Puskarich has received a secondary appointment in Department of Biochemistry
- Continue to run the UMMC Community Training Center at JMM
- Lectures given across the nation to 22 academic centers

ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL):
- Due to construction and renovation, the clinical area continues to fluctuate and will continue throughout next year. Current space includes 40 beds with 25 dedicated to ED, 8 to Rapid Track-Lower Acuity, 3 to Chest Pains and 4 for Psychiatric Emergencies. Office space is found on the 4-East wing of the old hospital.

LIST OF FACULTY IN EACH DIVISION: N/A
LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE:
• James Thompson, M.D. – committee Chair
• Risa Moriarity, M.D. – Member
• Robert Cox, M.D., Ph.D. – Member
• Joey Granger, Ph.D. – Member (ext)

NUMBER OF FACULTY HIRED: 1,
Michael Puskarich, M.D., Assistant Professor

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES:
• J. Michael Parnell, MSN, RN, FACHE-Business Administrator
• Emily Hall-Administrative Assistant
• Mary Johnson-Education Administrator
• Sylvia Dryer, MPH-Research Manager

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY):
• Medical Staff for the Jackson Convention Center
• State Poison Control Center

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS:
• Robert L. Galli, MD Endowed Chair Fund
• Richard L. Summers, MD Research Development Fund
• James C. Kolb, MD Education Award

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT:
• Annual Newsletter: Investigations
• Provided reality show “Full Metal Jousting” with onsite medical staff
• Fundraising presents challenges

CLINICAL
(for clinical departments only)

LIST THE NUMBER OF “Q AWARDS” RECEIVED: N/A

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:
• ~92,000 visits annually
• ~5% LWBS
• 19% Admission rate
• 12% Trauma Level I or Level II
• Top 10% among our peer group for CMS Core Measures and TJC NPSG

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?
• James R. Thompson, MD – Committee Chair
• Mary Ann Henriques, PhD, RN – Member
• Resident Staff – ad hoc Members

FINANCIAL PERFORMANCE - LIST:
• Total charges ~$15 million
• Total collections ~$3.6 million
• Charges per RVU $102
• Collections per RVU $24

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT:
• AirCare
• MedCom
• Poison Control Center
• TelEmergency
• State Emergency Management

Challenges
• Inpatient throughput resulting in Long ALOS
• Insufficient outpatient follow-up resources
• Hospital capacity
• Construction and renovation
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

• Shannon Pittman, MD – Residency Program Director
• Ann Kemp, MD – Residency Program Associate Director
• Janet Ricks, DO – Osteopathic Residency Program Director
• Thais Tonore, MD – Student Programs Director
• David Norris, MD – Student Programs Assistant Director
• Molly Clark, PhD – Primary Care Health Psychology Fellowship Director
• Patrick O. Smith, PhD – Supervisor for Clinical Psychology Fellowship
• Christopher Boston, MD – Sports Medicine Fellowship Director
• Brian Tollefson, MD – Sports Medicine Fellowship Co-Director

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

MD Resident Program:
• ACGME-approved slots for learners – 36 slots
• ACGME accreditation status - Full
• ACGME re-accreditation cycle length (in years) – 4 Years.
• Board pass rate – 100% most recent graduating class in June 2012
• ACGME Resident Survey overall program score – N/A
• Number of graduate students - None

DO Resident Program:
• AOA -approved slots for learners – Up to 6 per match year
• AOA accreditation status – First Site Visit in December, 2012
• AOA re-accreditation cycle length (in years) – Provisional pending results from the first site visit.
• Results expected in the spring 2013.
• Board pass rate – N/A; PGY 2’s in the program now are not yet board eligible.
• AOA Resident Survey overall program score – N/A
• Number of graduate students - None

Sports Medicine Fellowship Program:
• ACGME-approved slots for learners - 1
• ACGME accreditation status – Full
• ACGME re-accreditation cycle length (in years) – 3 years. Last survey in 2009.
• Board pass rate – 100%
• ACGME Resident Survey overall program score – N/A
• Number of graduate students - None

Primary Care Clinical Psychology Fellowship Program:
• ACGME-approved slots for learners – N/A; program has 2 fellowship positions; fellowship is 2 years so fellows are staggered
• ACGME accreditation status – Program is non-accredited at this time but we are in the process of applying for accreditation through APA.
• ACGME re-accreditation cycle length (in years) – N/A
• Board pass rate – 100%
• ACGME Resident Survey overall program score – N/A
• Number of graduate students – 2

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Accomplishments:
• We submitted grant applications for two HRSA training grants; one for Student Programs and one for Residency Education. We were successful in being approved and funded for the Residency grant which will allow us to continue to innovate in curriculum and utilize technology for training residents and faculty. We felt fortunate given the decreased funding nationally.
• We successfully recruited and subsequently hired 2 new faculty; one full-time “core” faculty and one part-time (50%) ambulatory only. Dr. Kelley Bishop, our PT, started September 15. Dr. Jim Cox has an anticipated start date of mid-October. Dr. Cox will also serve as our second osteopathic faculty required for our AOA dual residency accreditation.
• Further solidification of our FM presence at UMC on the inpatient service which continues to be successful.
• Dr. David Norris, Student Programs assistant director, was chosen for and will complete the Emerging Leaders program with the Society of Teachers of Family Medicine.
• Rehire of Dr. Chris Arthur as a full-time educational specialist in the Department. Her efforts will cross our educational and research needs.
• At its July 2012 meeting, the National Register of Health Service Providers in Psychology Board of Directors elected Molly S. Clark,
PhD, to a four-year term on the Board beginning January 1, 2013. Dr. Clark has been credentialed by the National Register since 2010 and is one of only two early career psychologists elected to serve on the Board.

• We finalized a package of benefits for family physicians who serve as affiliate faculty and preceptors for our M3 students. This includes stipends, limited Rowland Medical Library Access and other extended benefits offered through the DFM such as access to STFM teachingphysician.org.

• Dr. Diane Beebe serves on the ACGME Milestones for Family Medicine Committee.

Developments:
• Currently collaborating with Dr. Summers in Emergency Medicine to develop a one-year Emergency Medicine fellowship to be offered to graduates of FM, IM, or Med-Peds residencies with the goal to increase knowledge and training for primary care physicians who anticipate the practice of Emergency Medicine to be a significant portion of their practice.

• Ongoing discussions with HMA-River Oaks related to a move of our community inpatient service from MBMC to River Oaks before the end of this academic year.

• Ongoing discussions with HMA-River Oaks related to a move of our West Jackson clinic from the current location to a site near River Oaks before the end of this academic year.

• Ongoing work with Forrest General Hospital to develop their family medicine residency program with an anticipated application to the RRC-FM of October, 2012.

• Collaboration with the Osteopathic school at William Carey to recruit qualified students into our Osteopathic residency.

• Exploring opportunity to develop a Family Medicine Accelerated Track at UMC.

• Dr. Molly Clark continues to work on APA accreditation of our Primary Care Health Psychology Fellowship. This is a multi-step process and is progressing appropriately.

• Appointing Dr. Natalie Gaughf as a faculty in our department for her engagement with our fellows was a major step.

Challenges:
• Maintaining an appropriate number of faculty educational FTE’s to sustain and increase teaching of medical students and residents. New RRC-FM requirements include much more detailed and rigorous requirements for faculty scholarly activity and development along with more defined time requirements for administrative and teaching time for all core faculty. Additionally, there are restrictions related to the number of learners, including medical students, who can be supervised by faculty in the family medicine clinics.

• Residency OB curriculum and experience. Our program remains in non-compliance with the RRC requirements for a FM faculty who practices OB and for the number of required continuity patients/deliveries. The resident experience in OB remains subadequate. We are hopeful that some collaboration with the new OB chair, HMA and the VA will open opportunities for such a faculty hire and an improved residency training experience in OB.

• Increasing student interest in family medicine/primary care in general, given the needs in state and the upcoming changes in our healthcare system and specifically, achieving a full Match given currently student interest.

• The clinical psychology program not being accredited presents a challenge because the fellows are on boarded and setup as regular employees in the Lawson system and in the HR processes instead of like AGME residents/fellows. It just creates many issues with compensation, recruitment, promotions, pay increase from first year of fellowship to second year, back filling the positions when the fellows graduate, etc.

• Continued recruitment and engagement of state-wide family physicians to serve as preceptors for our M3 and M4 medical students (in light of increasing class numbers and competing resources with the osteopathic school needs).

RESEARCH
FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
• Articles in peer-reviewed journals - 5
• Books or book chapters published - 9
Department of Family Medicine

- Faculty who are members national study sections or committees - 10
- Journal editors or members of editorial boards - 7
- PIs on extramural grants - 4

**TOTAL AMOUNT OF NIH FUNDING:**
- Dr. Silberman - AHEC Grant- $794,887 (ended 8/31/2012)
- Dr. Pittman – HRSA Residency Grant - $193,250 (active)
- Dr. Tonore - HRSA Student Grant - $150,000 (ended 6/30/2012)
- Dr. Jones – MIMGH Grant from the DHHS Office of Minority Health - $4,000,000 (active)

**TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS)**
Dr. Welch’s – March of Dimes Grant - $25,000 for the IPC project.

**LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE) N/A**

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT**

**Accomplishments:**
- Our department continues to present, edit and publish the Clinical Problem-Solving Series in the Journal of the Mississippi State Medical Association.
- Several faculty are involved nationally in STFM and AAFP committees and have presented at several national meetings, both research and curriculum.

**Developments:**
- Assessment of faculty scholarly activity and individualized plans for achievement and compliance with new RRC-FM guidelines.
- Early conversations for collaboration with Dr. Gray Norquist on an upcoming project related to personalized messaging for population health care.

**Challenges:**
- Stimulating interest in research in family medicine faculty who most enjoy patient care and teaching.
- Being able to allow protected time for such activities.
- Increase the number of national journal submissions for presentations and publications, particularly with the increased RRC-FM requirements for scholarly activity for all core faculty.

**ADMINISTRATIVE**

**LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)**
- Education – Woodbridge Teaching Center (4,658)
- Research – N/A
- Administrative – Clinical Sciences Building (3,279 sq. ft.)
- Clinical
  - Lakeland Family Medicine Center (7,831 sq. ft.)
  - West Jackson Family Medicine Center (14,474 sq. ft.)
  - Quick Care Clinic (1,954 sq. ft. in Pavilion Suite H)

**LIST OF FACULTY IN EACH DIVISION:**
We do not have divisions
- Diane K. Beebe, MD
- Robert Forbes, MD (PT)
- Anthony Cloy, MD
- Janet Ricks, DO
- Thais Tonore, MD
- David Norris, MD
- Shannon Pittman, MD
- Holly Peeples, MD (PT), Joint Appointment with ACT Center
- Judith Gearhart, MD (PT), Clinical Skills Assessment Center
- Irma Welch, MD (PT), IPC project
- Frank Wade, MD (PT supervisor only)
- John Hassell, MD (PT supervisor only)
- Christopher Boston, MD
- Ann Kemp, MD (PT), Joint Appointment with Pharmacy
- Bernadette Gilbert, MD (resigned 7/25/2012)
- Jennifer Bryan, MD
- Deborah O’Bryan, MD
- Brian Tollefson, MD (Joint Appointment with Emergency Medicine)
- Warren Jones, MD (MIMGH grant)
- Stephen Silberman, DMD (AHEC; retired 8/31/2012)
- Chris A. Arthur, PhD
• Patrick O. Smith, PhD (PT), Faculty Affairs
• Susan Hart-Hester, PhD
• William Replogle, PhD
• Molly Clark, PhD
• Natalie Gaughf, PhD (PT)
• Approx. 200 affiliated faculty who serve as student and resident community preceptors

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE:
• William Replogle, PhD (Chairman)
• Judy Gearhart, MD
• Shannon Pittman, MD
• Ann Kemp, MD
• Susan Hart-Hester, PhD

NUMBER OF FACULTY HIRED:
• 3 (Robert Forbes, MD, Bernadette Gilbert, MD and Kelly Bishop, MD)
• 1 physician currently in the onboarding process.

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES.
• Billy R. Permenter, Department Business Administrator
• Shannon Pittman, MD – Medical Director and Director of the MD Residency Program
• Ann Kemp, MD – Associate Director of the MD Residency Program
• Janet Ricks, DO – Director of the DO Residency Program
• Thais Tonore, MD – Director of Student Programs
• David Norris, MD – Associate Director of Student Programs
• Christopher Boston, MD – Director of the Sports Medicine Fellowship
• Brian Tollefson, MD – Co-Director of the Sports Medicine Fellowship
• Molly Clark, Phd – Director of Primary Care Health Psychology Fellowship
• Julie Paul, Education Administrator for Residency Programs
• Chastity Carney, Education Administrator for Student Programs
• Judy Murray, Supervisor of Business Operations
• Lisa Carlson, Sponsored Programs Admin I
• Nancy Groos, Administrative Assistant IV
• Willie Smith, Administrative Assistant III
• Kristie Ezell, Administrative Assistant III
• Angela Norris, Administrative Assistant II
• Angela Granderson, Administrative Assistant II
• Linda Summerlin, Administrative Assistant II Part-time
• Robert Triplett, Courier II

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)
• The Jackson Free Clinic
• Habitat for Humanity
• FMIG serves Thanksgiving Lunch to the Ronald McDonald House every year and also routinely takes unused food items left over from meetings to the RMH guest.
• American Heart Association
• Diabetes Foundation of Mississippi
• Dr. David Norris serves on the Board of Directors for the Jackson Free Clinic.

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS
Department of Family Medicine
EXCEED Fund

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Accomplishments:
• Outstanding leadership in Student Programs, Residency and Fellowships despite heavy clinical commitments of the directors.
• Successful promotion of Dr. Janet Ricks to Associate Professor effective July 1, 2012.
• The MS Office of Physician Workforce and Board was established by HB 317. The Advisory Board met in July and Dr. Beebe was appointed as Interim Director.

Developments:
Dr. Beebe and Billy Permenter, DBA are meeting with Sara Merrick on 10/11/12 to discuss FM development opportunities.

Challenges:
Isolating protected administrative time as required by the new RRC-FM requirements for all core faculty due to heavy clinical and teaching commitments.

CLINICAL

LIST THE NUMBER OF “Q AWARDS” RECEIVED - none
FROM YOUR DEPARTMENTAL
SCORECARD (IF APPLICABLE), LIST:
N/A. Quality Administration does not
have a report card for family medicine
at this time. It is in their plans to start
pulling data for the department on the
FY13 reports. We do receive reports on
our individual physicians in Family
Medicine but do not get a rolled-up
departmental report.
• Mortality and patient safety index
• Risk adjusted length of stay
• Compliance with CMS core measures
• Patient satisfaction

HAS YOUR DEPARTMENT INSTITUTED
A RESIDENT QUALITY COMMITTEE?
We do not have a resident quality com-
mittee. Each resident is required to do
a practice based learning project which
involves quality improvement look-
ing at his/her patients with Diabetes,
hypertension, or COPD. Also, we have
a resident member, Dr. Laura Miller,
on the UMC resident quality council.
Each resident is required to complete
a quality improvement project during
the procedure month using the PDSA
cycle as a tool to organize the project.
We also have regular presentations
from Dr. Norris during the clinic busi-
ness meetings which are held during
core didactic time. Dr. Norris is the
quality “officer” for family medicine
and reviews our departmental quality
initiative during this time.

FINANCIAL PERFORMANCE - LIST:
• Total charges - $7,211,344
• Total collections - $2,943,632
• Charges per RVU - N/A
• Collections per RVU - $43.82

ACCOMPLISHMENTS, DEVELOPMENTS,
OR CHALLENGES UNIQUE TO YOUR
DEPARTMENT
Accomplishments:
• Consistently high patient satisfac-
tion scores for all providers (resi-
dents, faculty and NP’s).
• Increased patient volumes at
Grants Ferry.
• Successful implementation and
adaptation of Epic.
• DFM faculty serve as supervisors
and sign the protocols for the
School of Nursing NP’s who operate
Unicare and staff three school-based
clinics in the Jackson area.
• Move of Lakeland Family Medicine
Center to new space in January 2013.

Developments:
• Ongoing discussions with HMA-
River Oaks related to a move of our
West Jackson clinic from the current
location to an HMA site near River
Oaks before the end of this
academic year.
• Ongoing discussions with HMA-
River Oaks regarding a potential
move of the FM community hospi-
tal service to River Oaks.
• Expanding our practice services by
beginning an Occupational Medi-
cine practice. Have hired a quali-
fied nurse for performance of drug
screening. Awaiting final approval
of contracts by Compliance and
Legal to contract for services.
• Plans are in place and construction
is on schedule to move the Lakeland
Family Medicine Clinic into the
new UP building on Lakeland Drive
in January 2013.

• In the process of organizing appli-
cation for NCQA Patient Centered
Medical Home status.

Challenges:
• Maintaining an adequate patient
base at our West Jackson clinic to
support residency education.
• Increase volume of patient visits at
all clinical sites, including Quick Care.
• Limiting no shows and managing
the number of patients on financial
counseling as we try to shift to a
more favorable payer mix.
• Managing primary care FM ambula-
tory clinics within more specialty
and hospital based systems.
• Developing appropriate patient
referral networks from subspe-
cialty services to be the primary
care home and providers for these
patients. We have had initial discus-
sions along these lines with IM
and Neurology. Katrina Reynolds
has been integral in some of these
discussions.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

- Vice Chair Education – Vince Herrin, MD
- Director Medical Education – Michelle Horn, MD
- Residency Program Director, Internal Medicine – Vince Herrin, MD
- Residency Program Director, Medicine-Pediatrics, Jimmy Stewart, MD
- Associate Residency Program Director Ambulatory Education – Kimberly Harkins, MD
- Associate Residency Program Director VA Education – Andree Burnett, MD
- Associate Residency Program Director Inpatient Education – Zeb Henson, MD
- Associate Residency Program Director Scholarship and Subspecialty Oversight – Calvin Thigpen, MD
- Introduction to Clinical Medicine Director – Jimmy Stewart, MD
- Clerkship Director – Michelle Horn, MD
- Associate Clerkship Director – Fred Asher, MD
- Allergy/Immunology Fellowship Program Director - Stephen Kemp, MD
- Cardiology Fellowship Program Director – Thomas Skelton, MD
- Interventional Cardiology Fellowship Program Director - Cameron Guild, MD
- Clinical Cardiac Electrophysiology Fellowship Program Director - Mark Borganelli, MD
- Digestive Diseases Fellowship Program Director - Thomas Abell, MD
- Endocrinology Fellowship Program Director - Jose Subauste, MD
- Geriatrics Fellowship Program Director - Mark Meeks, MD
- Hematology/Oncology Fellowship Program Director - Stephanie Elkins, MD
- Infectious Diseases Fellowship Program Director - Rathel Nolan, MD
- Nephrology Fellowship Program Director - Kenneth Kokko, MD
- Pulmonary/Critical Care Fellowship Program Director - Demondes Haynes, MD
- Rheumatology Fellowship Program Director - Vikas Majithia, MD

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

**Internal Medicine Residency Program**
- ACGME-approved slots for learners - 80
- ACGME accreditation status – Full accreditation
- ACGME re-accreditation cycle length (in years) – 10 years (next visit is being replaced with NAS Self Study visit scheduled for 10/1/2018
- Board pass rate – 75%*
- ACGME Resident Survey overall program score – 98% positive – very positive

**Medicine-Pediatrics Residency Program**
- ACGME-approved slots for learners – 16
- ACGME accreditation status – Full Accreditation
- ACGME re-accreditation cycle length (in years) – 6 years

**Allergy/Immunology Fellowship Program**
- ACGME-approved slots for learners – 4
- ACGME accreditation status – Continued
- ACGME re-accreditation cycle length (in years) – 4 years
- Board pass rate – 2011 = 100% *

**Cardiology Fellowship Program**
- ACGME-approved slots for learners - 13
- ACGME accreditation status – Continued
- ACGME re-accreditation cycle length (in years) – 6 years
- Board pass rate – 2011 = 100% *

**Electrophysiology Fellowship Program**
- ACGME-approved slots for learners - 1
- ACGME accreditation status - Initial
- ACGME re-accreditation cycle length (in years) – 3 years
- Board pass rate – First graduate to sit for exam in Oct 2012 *

**Interventional Cardiology Fellowship Program**
- ACGME-approved slots for learners - 2
- ACGME accreditation status – Continued
- ACGME re-accreditation cycle length (in years) – 5 years
- Board pass rate – 2011 = 100% *
<table>
<thead>
<tr>
<th>Program</th>
<th>ACGME-approved slots for learners</th>
<th>ACGME accreditation status</th>
<th>ACGME re-accreditation cycle length (in years)</th>
<th>Board pass rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digestive Diseases Fellowship Program</td>
<td>6</td>
<td>Continued</td>
<td>3 years</td>
<td>2011 = 100% *</td>
</tr>
<tr>
<td>Endocrinology Fellowship Program</td>
<td>5</td>
<td>Continued</td>
<td>6 years</td>
<td>2011 = 100% *</td>
</tr>
<tr>
<td>Geriatrics Fellowship Program</td>
<td>3</td>
<td>Continued</td>
<td>5 years</td>
<td>2011 = 100% *</td>
</tr>
<tr>
<td>Hematology/ Oncology Fellowship Program</td>
<td>9</td>
<td>Continued</td>
<td>6 years</td>
<td>2011 = Oncology 66% * (no Hematology Board taken by 2011 graduates)</td>
</tr>
<tr>
<td>Infectious Diseases Fellowship Program</td>
<td>4</td>
<td>Continued</td>
<td>6 years</td>
<td>2011 = 66% *</td>
</tr>
<tr>
<td>Nephrology Fellowship Program</td>
<td>8</td>
<td>Continued</td>
<td>6 years</td>
<td>2011 = 100% *</td>
</tr>
<tr>
<td>Pulmonary/ Critical Care Fellowship Program</td>
<td>9</td>
<td>Continued</td>
<td>6 years</td>
<td>Pulmonary 50% *, Critical Care 100% *</td>
</tr>
<tr>
<td>Rheumatology Fellowship Program</td>
<td>4</td>
<td>Continued</td>
<td>6 years</td>
<td>100% *</td>
</tr>
</tbody>
</table>

*Board pass rates reflect the three year average

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT**

The Department of Medicine historically contributes to all levels of education throughout the School of Medicine. Our faculty members remain passionate about recruiting the highest level of trainees and preparing them as our future health care providers. In 2011 – 2012, the Department of Medicine was responsible for the education of 62 clinical fellows across ten divisions, 93 residents on our campus and 18 at Keesler Air Force Base, and a continual rotation of residents from other UMMC departments. In addition to post-graduate medical education, faculty members in the Department of Medicine also contribute to the ongoing education of hundreds of M1, M2, M3, and M4 students. Clinical education and exposure begins in the first year, with students participating in patient visits and taught clinical management. The Department increased our multidisciplinary commitment to education in 2011-2012 by adding providing both classroom and clinical instruction for students enrolled in the newly established Physician Assistants training program of Mississippi College. During the previous year, the Department introduced the Mini-Clinical Evaluation Exercise (Mini-CEX) during the third year clerkship to improve physical examination and facilitate a formative assessment of core clinical skills. Because of the emphasis placed on scholarly activity by residency leadership, a record number of internal medicine residents and fellows presented at local, regional, and national meetings over the last year. The Internal Medicine residency leadership has also recently addressed the challenge of ACGME changes and the reduction in duty hours with innovative methods for continuing high quality educational experiences and patient care. Another challenge our clinician educators face is ensuring that educational experiences do not diminish as the number of students and medical school class sizes increase. The Department of Medicine is committed to meeting our current and future challenges and continuing to produce
prepared and competitive trainees that are passionate about becoming excellent practitioners and meeting the health care needs of our state.

Accomplishments and Awards:
2011 – 2012 Awards
Carl G. Evers, MD Society Awards
Evers All Star Attendings of the Year
Dr. Jerry Sheppard
Dr. Jose Subauste
Evers All Star Residents of the Year
Dr. Barr Biglane, PGY 3
Dr. Kevin Bridges, PGY 3
M3 Clinical Department of the Year
Internal Medicine
M4 Clinical Department of the Year
Internal Medicine
Evers M4 Attending of the Year
Dr. Zeb Henson
The Arnold P. Gold Foundation
Humanism & Excellence in Teaching Award
Dr. Barr Biglane, PGY 3
School of Medicine Clinical Professors of the Year
Dr. Ken Ball
Dr. Zeb Henson
The Nelson Order Award for Excellence in Teaching
Dr. Ken Ball, Inductee for 2012
Dr. Zeb Henson, Inductee for 2012
Dr. Vikas Majithia, Inductee for 2012

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY:
LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
• Articles in peer-reviewed journals - 178
• Books or book chapters published - 22
• Faculty who are members national study sections or committees

o Clinical Immunology and Allergy - 3
o Cardiovascular Diseases - 1
o Digestive Diseases - 1
o Endocrinology - 2
o General Medicine - 1
o Infectious Diseases - 2
o Nephrology - 4
o Pulmonary/ Critical Care - 2
o Rheumatology - 2
• Journal editors or members of editorial boards
  o Clinical Immunology and Allergy - 3
  o Cardiovascular Diseases - 1
  o Digestive Diseases - 1
  o Endocrinology - 3
  o General Medicine - 1
  o Infectious Diseases - 2
  o Nephrology - 3
  o Pulmonary/ Critical Care - 1
• PIs on extramural grants
  o Clinical Immunology and Allergy - 1
  o Cardiovascular Diseases - 7
  o Digestive Diseases - 2
  o Endocrinology - 3
  o General Medicine - 2
  o Geriatrics - 1
  o Hematology - 1
  o Hypertension - 1
  o Infectious Diseases - 7
  o Nephrology - 3
  o Oncology - 3
  o Pulmonary/ Critical Care – 3
  o Jackson Heart Study - 3

TOTAL AMOUNT OF NIH FUNDING
New NIH Funds Generated in FY 2012 - $5,727,166
Total Department of Medicine NIH Dollars - $49,249,490.86*
* Awarded funds span several years and include FY 12

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS)
New Funds Generated in FY 2012 - $3,109,439.73
Total Department of Medicine External Grant Dollars FY 2012 - $17,920,404*
* Awarded funds span several years and include FY 12

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)
$653,797.53 amount of state dollars supporting salaries for researchers and research staff members in the Department of Medicine. This includes bridge funding for those who exceed the NIH salary cap and those who are between studies. This funding also includes a departmental commitment to advancing research support to our faculty members and trainees.
$125,004.96 amount of research salary support committed from clinically generated revenue.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
The Department of Medicine has had a long and successful tradition of research at all levels from bench to bedside and a few examples of high level extramural funding. However, this tradition has come under particular attack in the past few years as the extramural funding environment has diminished and successful grant funding become more challenging. Further, the increased emphasis on clinical productivity for faculty within DOM has shortened available time for individual
research efforts and lack of available divisional/departmental funds to support unfunded research that could lead to future grant applications has further challenged the DOM research environment. The DOM is addressing these challenges in several ways: (a) we have established an Office of Research and Scholarship which has been specifically charged with assessing and supporting the research enterprise of the department through administrative support of grant applications, facilitating collaborative and (when needed) mentoring relationships for faculty investigators and (b) the DOM administration is reviewing proposals to provide increased funding for startup research for faculty investigators who have significant potential for productivity. The exact mechanisms for divisional/departmental funding will be better defined after the consolidation of the clinical practice has been completed. In the interim, the DOM leadership is working to establish a foundational core clinical trial enterprise, in cooperation with institutional efforts, which has the potential to provide research experience, particularly for young and new investigators, and more readily accessible financial resources that can fund future departmental research initiatives.

**ADMINISTRATIVE**

**LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)**

- **Total net usable square feet on campus – 69,298**
- **Education – 494 square feet**
- **Educational space includes classrooms**
- **Research – 9,284 square feet**
- **Research space includes labs, cold rooms, and dark rooms**
- **Administrative – 45,425 square feet**
- **Administrative space includes conference rooms, and faculty and staff offices**
- **Clinical – 4,016**
- **This does not include clinical space in the Pavilion and at Grants Ferry**
- **Miscellaneous – 10,079**
- **Miscellaneous space includes janitorial closets, restrooms, hallways, equipment rooms, wash rooms, fume hood rooms, locker rooms, storage rooms, and a kitchenette**
- The Department also has space in the Jackson Medical Mall

**LIST OF FACULTY IN EACH DIVISION**

*Clinical Immunology and Allergy*
- Gailen D. Marshall, MD, PhD, Division Director
- Richard D. deShazo, MD
- Stephen F. Kemp, MD
- Jeanette Arnoldbritt, MSN, CFNP
- Lianbin Xiang, MD

*Cardiology – UMMC*
- Michael Winniford, MD, Division Director
- Myrna Alexander Nickens, MD
- Kellan Ashley, MD

*Cardiology – VA*
- Carla Hewitt, MD
- Walter Woody, MD

*Digestive Diseases*
- Thomas Abell, MD, Division Director
- Rene Davila, MD
- Roland Garretson, MD
- John Sheehan, MD
- Shou Tang, MD

*Endocrinology – UMMC*
- Christian Koch, MD, Interim Division Director
- Shema Ahmad, MD
- William Nicholas, MD

*Endocrinology – VA*
- Celso Gomez-Sanchez, MD
- Elise Gomez-Sanchez, DVM
- Dana Dale-Jones, MD
- Jose Subauste, MD

*General Medicine/ Hypertension – UMMC*
- Marion Wofford, MD, Division Director
Department of Medicine

- Jericho Bell, MD
- Angela Boleseware, NP
- Bonnie Carminati, NP
- John Cross, MD
- Denise Lynn Harkins, MD
- Kimberly Harkins, MD
- Zeb Henson, MD
- Gillam Swink Hicks, MD
- Michelle Horn, MD
- Richard Terry Jackson, MD
- Harriet Jones, MD
- Deborah Minor, PharmD
- Linda Monroe, MD
- Amanda Purser, NP
- Daniel Riche, PharmD
- Jimmy Stewart, MD
- Mohammad Ullah, MD
- Daniel Woodliff, MD
- Sharon Wyatt, NP, PhD

General Medicine/ Hypertension – VA
- Ashraf Abdo, MD
- Andree Burnett, MD
- Pamela Graham, MD
- Jo Harbour, MD
- Susan Harrington, MD
- Khaled Hegazy, MD
- Ardell Hinton, MD
- Shahid Jameel, MD
- Rachel Peery, MD
- Mohammed Rizwan, MD
- Charletta Scott, MD
- Jessie Spencer, MD
- Sadeka Tammana, MD
- LC Tennin, MD
- Richard Warren, MD
- Adam Yamout, MD

Geriatrics – VA
- William Mark Meeks, MD, Division Director
- Kenneth Butler, PhD
- Katharine Gregg, MD

Hematology/ Oncology—UMMC
- Thomas Mosley, PhD
- Alan Penman, MD, PhD
- Christianne Pinnell-Jansen, MPH
- Kimberly Tarver, MD
- Gwen Windham, MD

Geriatrics – VA
- Chere Peel, MD
- Eliza Jabaley, MD
- Paul Low, MD, MBA
- Jolanta Roszkowska, MD

Hematology/ Oncology – VA
- James Tate Thigpen, MD, Division Director Oncology
- Carolyn Bigelow, MD
- Tondre Buck, MD
- Barbara Craft, MD
- Stephanie Elkins, MD
- Darryl Hamilton, MD
- Vince Herrin, MD
- Tereza Ventura Holman, PhD
- Joseph Maher, MD
- Louis Puneky, MD

Hematology/ Oncology – VA
- Bernard Drieling, MD
- Jennifer Frost, MD
- Savitri Kamath, MD
- Tawfiq Khansur, MD

Hospital Medicine
- John Wofford, MD, Interim Division Director
- Fred Asher, MD
- Kenneth Ball, MD
- Frank Criddle, MD
- Jennifer Eubanks, MD
- Inderpreet Grover, MD
- Dena Jackson, MD
- Jerry Sheppard, MD

Infectious Diseases - UMMC
- Rathel “Skip” Nolan, MD, Division Director
- Svenja Albrecht, MD, MPH
- Arti Barnes, MD, MPH
- Saira Butt, MD
- Richard Finley, MD
- Harold Henderson, MD
- Deborah Konkle-Parker, FNP, PhD
- Leandro Mena, MD, MPH
- Jason Parham, MD, MPH
- Donna Sullivan, PhD
- Ed Swiatlo, MD, PhD
- Risa Webb, MD
- Imran Sunesara, MBBS, MPH
- Tabitha Wells, FNP
- Kayla Stover, PharmD

Infectious Diseases – VA
- Mary Jane Burton, MD

Nephrology – UMMC
- Luis Juncos, MD, Division Director
- Albert Dreisbach, MD
- Tibor Fulop, MD
- Mehrdad Hamrahian, MD
- Kenneth Kokko, MD
- Michael Shoemaker-Moyle, MD
- Catherine Wells, NP

Nephrology – VA
- Anita Basu, MD
- Kent Kirchner, MD

Pulmonary/ Critical Care -
- John R. Spurzem, MD, Interim Division Director
- George E. Abraham, MD
- Michael Baumann, MD
- Nauman Chaudary, MD
• Lactancio Don Fernandes, MD  
• Demondes Haynes, MD  
• Marcy Petrini, PhD  
• Joe M. Pressler, MD  
• Andrew M. Wilhelm, DO

Pulmonary/ Critical Care – VA  
• Rajesh Bhagat, MD  
• G. Douglas Campbell, MD  
• Sharon Douglas, MD  
• Paul Low, MD

Rheumatology – UMMC  
• Robert McMurray, MD, Division Director  
• Kenneth Hardy, MD  
• John Jenkins, MD  
• Dannette Johnson, DO  
• Lisa Maher, MD  
• Vikas Majithia, MD  
• Amrit Sandhu, MD

Rheumatology – VA  
• Suzanne Sanders, MD  
• Jason Taylor, MD

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE  
• Joe Files, MD – Chair  
• Kent Kirchner, MD  
• Gailen Marshall, MD  
• Steve Geraci, MD  
• Marion Wofford, MD  
• Suzanne Clay

NUMBER OF FACULTY HIRED - 15

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES  
• Shirley Schlessinger, MD, Interim Chair 

• Deborah Minor, PharmD, Executive Vice Chair  
• Richard “Terry” Jackson, MD – Vice Chair for Clinical Affairs  
• Jessie Spencer, MD, Vice Chair VA Affairs  
• Gailen Marshall, MD, PhD – Vice Chair for Research  
• Stephen Geraci, MD – Vice Chair for Faculty Development  
• Vince Herrin, MD – Vice Chair for Education  
• Russell Touchet, MSHA, MBA, CPA, Department Business Administrator  
• Suzanne Clay, Departmental Development (part-time)  
• Russell Boles, MBA, Associate Director Administration and Finance  
• Kelly Dismuke, Manager Strategic Planning and Faculty Support  
• Merry Horne, Supervisor Business Operations (part-time)  
• Stacey Hibbard, Business Analyst  
• Dawn Jayroe, Administrative Assistant IV  
• Monica Watkins, Administrative Assistant III  
• Cheryl Moss, Education Administrator, Internal Medicine Residency Program  
• Bryce Ainsworth, Education Administrator, Fellowship Programs  
• Jennifer Chappell, Education Administrator, Student Programs and Medicine-Pediatrics Residency Program  
• Erin Perkins, Administrative Assistant III Residency Programs  
• Dena Walker, Administrative Assistant III Student Programs

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)  
• American Heart Association Heart Walk  
• Mississippi Diabetes Association Jackson Walk  
• Cystic Fibrosis Foundation Great Strides  
• University of Mississippi Medical Center Alliance Taste of the U  
• Jackson Free Clinic

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS  
• Country music legend Glen Campbell, who suffers from Alzheimer’s disease, played a benefit concert for The MIND Center as part of his “Goodbye Tour”. The concert raised more than $300,000 for The MIND Center, bringing the total in private philanthropy for The MIND Center to over $6 million.  
• The family of the late Dr. R. Faser Triplett announced their pledge to complete the R. Faser Triplett, MD, Chair of Allergy and Immunology.  
• Gailen Marshall, MD, PhD was named the R. Faser Triplett, MD Chair of Allergy and Immunology  
• The Conrad C. Horecky Endowment Fund was established with the intention of raising $2 million for an endowed chair.  
• The department is in the initial planning stages of establishing the Ben B. Johnson, MD Education Fund.
ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

The Department of Medicine is profoundly involved in meeting healthcare needs in Mississippi through ensuring patients have access to quality primary care and other specialty physicians, training exceptional physicians to meet current and future demand for care, engaging in scientific discovery that advances knowledge and the ability to improve human health, and developing and maintaining a network of community-based programs to fulfill unmet needs throughout the state. Going forward, the department seeks to continue its leadership role in order to better meet future challenges and opportunities presented in this new age of healthcare. Recognizing persistent success is dependent upon sustained financial viability, the department seeks to align its resources with its priorities across each of its missions. Sustainability will be especially crucial to the department’s ongoing success given anticipated flattening of federal funding for sponsored research, and likely changes in payments for clinical care due to health reform. Moving toward the future, the pace of change will require the department to be flexible and capable of responding to challenges and taking advantage of opportunities in a timely manner. Given its relative scale and scope of operations on campus, the department is uniquely positioned to lead the School of Medicine, UMMC, UP, and UMHC in developing innovative and collaborative programs and initiatives crossing all mission areas and that drive value individually and collectively for the participants.

CLINICAL
(for clinical departments only)

LIST THE NUMBER OF “Q AWARDS” RECEIVED - 0 between July 2011 and June 2012; however John Wofford, MD received the “Q Award” in January 2011

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:

• Mortality and patient safety index - Mortality index 0.83*, Patient Safety index 1.00*
• Risk adjusted length of stay - 5.86*
• Compliance with CMS core measures
  o Acute myocardial infarction – 97%*
  o Community acquired pneumonia – 64%*
  o Congestive heart failure – 91%*
• Patient satisfaction
  o Respect from doctors – 87%*
  o Doctors listen – 80.8%*
  o Doctors explain – 74.3%*
  * Data available through March 2012

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?
Yes

FINANCIAL PERFORMANCE - LIST:

• Total charges - $56,473,263.61
• Total collections - $17,910,585.70
• Charges per RVU – $156.28
• Collections per RVU - $44.13

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

The Department of Medicine continues to develop and expand our clinical services and embrace our role within the Medical Center and community. We are committed to providing care and our expertise in meeting the diverse and specific health care needs across our state. Our goal is to strategically recruit and advance services in areas of unmet needs and increased demand among our population. In total, 15 new faculty members were hired in 2012 for this purpose. For example, in 2012 the Department worked with the Department of Surgery and Medical Center leadership to recruit an experienced hepatologist, Dr. Brian Borg. In collaboration with Dr. Chris Anderson and others, we will establish Mississippi’s only liver transplant program. Dr. Harriet Jones was hired and tasked with developing UMMC’s first comprehensive wound care service. Dr. Kellan Ashley, Dr. Craig Long, and Dr. Myrna Alexander were all hired to target growing and unmet cardiology needs. With their capabilities, we are augmenting interventional cardiology services, expanding heart failure and heart transplant clinical services, and working with others to highlight and promote women’s health issues. The division of hospital medicine expanded both clinical services and number of faculty members. Hospital medicine now covers University Rehab and implemented full in house nocturnal coverage. The division of rheumatology now offers musculoskeletal and joint ultrasound.
and clinical assessment in its ambulatory clinic. Dr. Tondre Buck in the division of hematology/oncology has developed a clinical service to care for multiple myeloma patients. Through these efforts, for fiscal year 2012, our RVU productivity increased by 6 percent* compared to the previous year. While acknowledging the challenges that exist, the Department continues to face the future with enthusiasm and commitment to seeking new opportunities to serve the people of Mississippi and improve the health care disparities of our state.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

- Medical Microbiology Course director is Dr. Stephen Stray; heavily involved also are Drs. J. Chris Meade and Richard O’Callaghan
- The Microbiology Dental Course Director is Dr. Michael Lundrigan
- The Microbiology Graduate Program director is Dr. Eva Bengten

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

- ACGME-approved slots for learners - None
- ACGME accreditation status - None
- ACGME re-accreditation cycle length (in years) - None
- Board pass rate – N/A

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE – None

NUMBER OF GRADUATE STUDENTS

- Have graduated 25 PhD’s in the past 5 years
- Currently have 9 students in the program

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Educational Accomplishments

- Medical students have scored above the 70th percentile on the Microbiology and Immunology National Board Exam each of the past 5 years.
- Medical students selected the Medical Microbiology Course as the best course in the M2 year

Educational Developments

- Dr. Stray, the Medical Microbiology Course director, was selected to attend a course on medical education at Harvard University this year.
- Dr. Stray also attended a workshop on teaching medical microbiology that was presented by Association of Chairman of Medical Microbiology Departments.

Educational Challenges

- Teaching facilities are far from ideal for teaching the laboratory portion of the Medical Microbiology Course. The teaching lab on the 2nd floor holds only about 45% of the students so two groups of students are taught sequentially and a third smaller group of students is taught on the 7th floor.
- Compensation of faculty, even with incentive money from grants, is very low and this problem needs to be addressed.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:

- Papers published 22
- Chapter/Books 7
- Study Sections 11
- Editorial positions 6
- PI on Grant 11

TOTAL AMOUNT OF NIH FUNDING

The total NIH support for this year is $757,461 ($1,247,461 with Dr. Watabe). There are two RO1 grants pending at this time.

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS)

The total external funding from non-NIH sources is $1,105,580 ($1,325,232 with Dr. Watabe)

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)

There are at least 5 projects without specific funding; they are supported primarily by residual funds obtained for studies supported by companies developing new antibiotic formulations.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Research Accomplishments

Surveillance Laboratory – This is a departmental laboratory that collects, analyzes, and preserves for future studies bacteria isolated from patients at the UMC hospitals.

Research Developments

The microbiology department played a leading role in acquiring a next generation DNA sequencing unit that will provide highly beneficial data for many projects throughout the Medical Center.

Research Challenges

Research Space: Quantity and Quality remain a problem that was created by the need to provide space for new faculty who replace those who retired (7 senior faculty retired in 7 years).
There are 18,688 square feet in the microbiology department that are used for education and research; all of this space is in two old buildings.

There are no specified divisions within the microbiology department. However, relative to areas of interest, there are 3 immunologists, 3 virologists, one parasitologist, and 5 bacteriologists.

Dr. Larry McDaniel is the chair of the microbiology departmental promotion and tenure committee. Serving on this committee are the following faculty: Dr. Eva Bengten, Dr. V. Greg Chinchar, Dr. Craig Lobb, and Dr. Melanie Wilson.

Two new faculty were hired during this past year. Dr. Ritesh Tandon was hired in May 2012 as an assistant professor on the tenure track. Dr. Aihua Tang was hired in June 2012 as an instructor.

Ms. Angeline Green, Grant and Contract Administrator
Ms. Cikitia Green, Accounting Clerk II
Mr. Robert Bates, Administrative Assistant I

• We had a Heart Walk Team
• We routinely host young students as volunteers for laboratory research experience. This includes high school, college, and medical students.
• Eight of our faculty have volunteered to present seminars at all colleges in Mississippi (5 seminars are already scheduled).

• Our outreach seminar program is a new mechanism to enhance the communications between this department and colleges throughout the State of Mississippi. We have only recently announced the program and five seminars have already been scheduled.
• Our Surveillance Laboratory is designed to produce research findings; however, the findings may provide information that is useful for determining antibiotic usage and other clinical issues. This work will eventually increase the communications between the microbiology faculty and the people in the hospital's diagnostic laboratory.
• Our webpage has been revised to better advertise the department and its accomplishments.

We staged a faculty retreat in June 2012 at which we discussed our administrative functions.

One of our clerical people, Mr. Robert Bates, has a degree in computer science, has received training from DIS to allow him to maintain our departmental webpage.

Microbiology includes multiple disciplines (i.e., immunology, virology, parasitology, and bacteriology) so there are somewhat different needs by different portions of the faculty. Keeping up with events ongoing in each area can present challenges.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

- Director, M1 Medical Gross Anatomy (Anat 611) – Allan Sinning
- Director, M1 Medical Histology and Cell Biology (Anat 613) – Paul May
- Director, M1 Medical Neurobiology (Anat 615) – Kimberly Simpson
- Director, M1 Medical Developmental Biology (Anat 616) – Marianne Conway
- Director, D1 Dental Gross Anatomy (Dent 600) – Roger Johnson
- Director, D1 Dental Neuroanatomy (Dent 612) – Susan Warren
- Director, D1 Dental Histology (Dent 601) – Susan Warren
- Director, M4 Review of Gross Anatomy (Anat 651) – Allan Sinning
- Director, M4 Review of Histology with Clinical Correlations (Anat 653) – William Daley
- Director, M4 Review of Neurobiology (Anat 652) – Duane Haines
- Director, Gross Anatomy course in Summer Prematriculation Program – Stan Baldwin
- Director, Histology course in Summer Prematriculation Program – Dongmei Cui
- Director, Graduate Program in Anatomy – Ranjan Batra

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Accomplishments: Steadily increasing clinical components in all of our courses; high marks in LCME site visit;

Challenges: We teach four required courses to M1 students and three required courses to D1 students. Six of these courses have major laboratory components, which require the entire staff of each course to be present throughout each lab session; In addition, we teach three popular elective review courses to M4 students and two courses in the Office of Multicultural Affairs Summer Prematriculation Program. Increased class size requires most SOM laboratory classes to be taught in two shifts. Our two primary challenges are old, insufficient, and inadequate Gross Anatomy lab space and steadily increasing class sizes.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:

- Articles in peer-reviewed journals: 29
- Books or book chapters published: 7 (This category should be split in two, unless someone truly believes that writing a book is no different from writing a chapter.)
- Faculty who are members of national study sections or committees: 4
- Journal editors or members of editorial boards: 4
- PIs on extramural grants: 3

TOTAL AMOUNT OF NIH FUNDING:
Nine NIH grants provided $1,947,941 for the 2011-2012 academic year; the total direct cost awards of these grants was $8,139,544.

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS):

Canadian Institute of Health Research (CIHR): $98,771 for 2011-2012; total award of $493,856 for five years (Award to Michael Lehman).
Föderung der Wissenschaftlichen Forschung (Vienna, Austria): $22,188 for 2011-2012; total award of $88,750 (Subcontract to Paul May).

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE):
Several small pilot projects are currently supported by state funds. Investigators include Alan Sinning, Ranjan Batra, Douglas Vetter, Kathy Yee, and Adel Maklad.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Accomplishments: New Chair has brought increased vigor and increased research funding to the department; Dr. Adel Maklad achieved his first NIH funding as a co-investigator;

Challenges: Research space – old, inadequate, not enough, making it a major challenge to recruit funded investigators;
LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL):
Research: 11,952 sq ft; Education: 10,543 sq ft; Administration: 883 sq ft

LIST OF FACULTY IN EACH DIVISION:
- Baldwin, Stan (Assistant Professor in N&AS; Dean, School of Math and Science, Mississippi College)
- Batra, Ranjan (Associate Professor)
- Conway, Marianne (Assistant Professor)
- Cui, Dongmei (Assistant Professor)
- Darling, Ryan (Postdoctoral Fellow/Instructor)
- Johnson, Roger (Professor)
- Kanyicska, Bela (Associate Professor)
- Lin, Rick (Professor)
- Lu, Yuefeng (Assistant Professor)
- Lynch, James (Professor)
- Maklad, Adel (Associate Professor)
- May, Paul (Professor)
- Simpson, Kim (Associate Professor)
- Sinning, Allan (Professor)
- Vetter, Douglas (Associate Professor)
- Warren, Susan (Professor)
- Xu, Keli (Assistant Professor)
- Yee, Kathleen (Research Assistant Professor)
- Lehman, Michael (April, 2012)
- Haines, Duane (Professor Emeritus)
- Moore, Tony (Professor Emeritus)
- Naftel, John (Professor Emeritus)

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE:
- Rick Lin
- Alan Sinning
- Susan Warren

NUMBER OF FACULTY HIRED: 3
new faculty members were hired in 2011-2012

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES:
- Mary Ann Albin, Manager, Business Operations
- Lisa Boyd, Administrative Assistant III and M1 Course Coordinator

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)
Saturday and after-hours review sessions for medical and dental students

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS - None

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Accomplishments: We were granted an additional 0.5 FTE for an Administrative Assistant to help in administering the Body Donation Program.

Challenges: Our present administrative staff is very competent and manages to keep up with current demands. However, as the size of our research-intensive faculty continues to grow, our administrative staff will soon have more responsibilities than they can manage and we will need to add additional staff.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
• Dr. Hartmut Uschmann, Residency Program Director
• Dr. Shirley Chen, Residency Associate Program Director
• Dr. Xiaohong Si, M3 Clerkship Director
• Dr. Hartmut Uschmann, M4 Clerkship Director
• Bruce Hennington, Education Administrator

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
• ACGME-approved slots for learners 16 Residents; 4 Fellows
• ACGME accreditation status Full accreditation for all programs
• ACGME re-accreditation cycle length (in years) 3 years
• Board pass rate 100% pass rate

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE 7% negative; 36% neutral; 50 positive; 7% very positive

NUMBER OF GRADUATE STUDENTS 0

ACCOMPLISHMENTS,-developments, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• Permanent increase in complement of residents from 12 to 16;
• M3 Rotation expanded from 2 weeks to 4 weeks;
• ACGME approval for Neuromuscular Fellowship – 1 fellow;
• ACGME approval for Neurophysiology Fellowship – 2 fellows;
• Applied for and pending approval for Neuro-critical Care Fellowship – 1 fellow;
• Developing proposal for Neurovascular Fellowship – 1 fellow

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
• Articles in peer-reviewed journals 11
• Books or book chapters published 2
• Faculty who are members national study sections or committees Dr. Alexander Auchus chairs the annual symposium on preclinical testing for Alzheimer’s disease at the American Geriatrics Society (national meeting)
• Journal editors or members of editorial boards Parminder Vig, PhD, Editorial Board Member, Journal of Neurology Research; Dr. Alexander Auchus, Editorial Board Member, Alzheimer’s Disease and Associated Disorders
• PIs on extramural grants 6 on partial grants

TOTAL AMOUNT OF NIH FUNDING +/- $300,000.00 annually

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) -$929,979.55
• MC Phys Asst Prog – Neurology - $2800.00
• Efficacy Trial of MultiStem - $17,680.50
• Migraine Prophylaxis Study - $71,427.30
• Effects of 2000MG Citiculine - $16,450.00
• Stangle Ataxia Research Funds - $239,236.03
• Treatment of Migraines - $3,210.00
• Amyotrophic Lateral Sclerosis - $4,450.00
• Neurological Disorders-Case St - $11,837.99
• Neurosyphilis Treatment Study - $13,600.00
• Warfarin vs Aspirin/Intracran - $9,100.00
• TOAST-Patient Accrual Account - $151,661.00
• SAMMPRIS - $138,349.00
• Nitric Oxide in Domioc Acid - $1,376.15
• IGF-1/ALS Trial - $1,376.15
• Neurodegenerative Disease Res - $13,029.00
• SCA1-Calbindin Null Dble Muta - $18,424.00
• Clin Measures in Friedreich At - $45,352.68
• Calcium Binding Proteins - $5,000.00
• Role Of Poly Peptides-Cerebe - $10,500.00
• Extra/Intracranial Bypass Stdy - $61,330.00
• NAC Trial in Inherited Ataxias - $75,000.00
• Calcium-Binding Proteins - $8,000.00
• Purkinje Cells Survive in Cult - $9,000.00

LIST RESEARCH NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE) 0
ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• Established Division of Neuroscience with Parminder Vig, PhD, as Chief
• Parminder Vig PhD, a 2011 recipient of UMMC’s Excellence in Research GOLD Award for $1,000,000 in extramural funding
• Parminder Vig, PhD, and Drazen Raucher, PhD, Multiple-Principal Investigators, “Targeted Delivery of S100B Inhibitory Peptide to SCA1 Mouse Cerebellum” (NINDS #R03NS070065-01)
• Parminder Vig, PhD, Principal Investigator, “D2 Receptor Agonist Bromocriptine as a Potential Therapeutic for SCA1” (Balance Disorders, Inc.)
• Parminder Vig, PhD, provisional patent application for therapeutic use of dopamine D2 receptor agonists for treating SCA1
• Parminder Vig, PhD, (together with Drazen Raucher, PhD), record of invention and provisional patent application for targeted delivery of therapeutic compounds for the treatment of neurodegenerative diseases
• Dr. Alexander Auchus, Principal Investigator, “Collaborative Research: Supporting Knowledge Discovery Through a Scientific Visualization Language” (NSF #1017921)
• Dr. Alexander Auchus, Consultant, “Therapeutic Effects of Cataract Removal in Alzheimer’s Disease” (NIA #R01AG030114)
• Dr. Alexander Auchus, UMMC Site Principal Investigator, “Double-Blind, Randomized, Placebo-controlled, Phase 2 Safety and Efficacy Trial of MultiStem® in Adults with Ischemic Stroke” (Athersys, Inc. #B01-02)
• Dr. Hartmut Uschmann, UMMC Site Principal Investigator for “SAMMPRIS Stenting vs. Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis” (NINDS #U01NS058728)
• Dr. As’ad Ehtisham, UMMC Site Principal Investigator for “ATACH-II Antihypertensive Treatment in Acute Cerebral Hemorrhage” (NINDS #U01NS062091)

ADMINISTRATIVE
LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL) Square footage is unknown.
• Education and Administration: We occupy ½ of 1 floor in the Clinical Sciences Building; and 4 office in Annex II
• Research: We occupy 4 offices in Annex II and have lab space in the old hospital
• Clinical: We utilize space in Suite A in the Pavilion; at the Jackson Medical Mall; at Grants Ferry; and the 4th floor of the old hospital

LIST OF FACULTY IN EACH DIVISION
General Neurology
• Dr. Abuhuziefa Abubakr
• Dr. Alexander Auchus
• Dr. James Corbett
• Dr. Robert Herndon
• Dr. Edward Manning
• Dr. Xiaohong Si
• Dr. Rebecca Sugg
• Dr. Mecheri Sundaram

Neuro-Critical Care
• Dr. Shirley Chen
• Dr. As’ad Ehtisham
• Dr. Hartmut Uschmann

Neuromuscular Medicine
• Dr. V. Vedanarayanan
• Dr. Amanda Witt

Neuroscience
• Dr. Gene Bidwell, PhD
• Dr. Parminder Vig, PhD

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
Dr. Vetta Vedanarayanan

NUMBER OF FACULTY HIRED
• Four new faculty added in 2011
  • Rebecca Sugg – stroke
  • Amanda Witt – neuromuscular
  • Shirley Chen – neurocritical care
  • Lee Bidwell – basic research
• Three new faculty added in 2012
  • Abuhuziefa Abubakr – epilepsy
  • As’ad Ehtisham – neurocritical care
  • Xiaohong Si – general neurology + neurological education
• Actively recruiting additional faculty in headache medicine, neuro-ophthalmology
• Will resume recruiting in neuro-oncology and start recruiting in Alzheimer’s disease
LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
• Dr. Alexander Auchus, Professor and McCarty Chair of Neurology, Chairman Department of Neurology
• Dr. Hartmut Uschmann, Chief Neuro-critical Care and Vice-Chairman Department of Neurology
• Roger Williamson, Department Business Administrator
• Todd Anderson, Manager of Business Operations
• Pearlie Brownlow, Administrative Assistant IV

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY) 0

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS 0

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• M1 summer clinical experience/M1 mentoring program
• SIGN (student interest group in neurology)
• Addition of M3, M4 SOM course offerings (NEU 632/651/652/658)
• Dr. Rebecca Sugg established and chairs annual Stroke Symposium (local CME course)
• Together with Department of Ophthalmology and Office of Development, funded the James J. Corbett, MD Lectureship in Neuro-Ophthalmology and hosted first annual lecturer

CLINICAL (for clinical departments only)
LIST THE NUMBER OF “Q AWARDS” RECEIVED 0

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST: N/A
• Mortality and patient safety index
• Risk adjusted length of stay
• Compliance with CMS core measures
• Patient satisfaction

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE? No

FINANCIAL PERFORMANCE - LIST:
• Total charges $9,528,501.50
• Total collections $2,991,624.56
• Collections per RVU $40.35

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• Experienced steady increase in clinical metrics ’09 ⊳ ’10 ⊳ ’11 ⊳ ’12 (projected)
  o Stroke admissions: 150 ⊳ 254 ⊳ 501 ⊳ 612 (projected)
  o Total admissions: 296 ⊳ 507 ⊳ 974 ⊳ 1,310 (projected)
  o wRVUs: 38,372 ⊳ 42,209 ⊳ 62,892 ⊳ 74,448 (projected)
• Diversity and Healthcare Disparities
  o University Comprehensive Stroke Center (CSC) includes reducing healthcare disparities as one of its founding goals
  o Tele-stroke efforts are designed to improve access to expertise in poor/rural areas
  o 1 of 7 is African-American
  o 4 of 7 recent faculty hires are women
• UMMC Comprehensive Stroke Center received 2012 “Get with the Guidelines” Gold-Plus Achievement Award from the American Heart Association
• Initiated weekly Stroke Clinic for follow-up patients in the Pavilion
• Established NAEC Level 4 Comprehensive Epilepsy Center (Dr. As’ad Abubakr & Dr. James M. Shiflett)

Diversity and Healthcare Disparities
• University Comprehensive Stroke Center (CSC) includes reducing healthcare disparities as one of its founding goals
• Tele-stroke efforts are designed to improve access to expertise in poor/rural areas
• 1 of 7 is African-American
• 4 of 7 recent faculty hires are women
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
The program director for Neurosurgery is Dr. Louis Harkey, Professor and Chairman

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
• ACGME-approved slots for learners – 9 approved slots
• ACGME accreditation status – Full Accreditation
• ACGME re-accreditation cycle length (in years) – 5 years
• Board pass rate – 100% of the residents taking it for credit

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE: 45% positive and 55% Very Positive

NUMBER OF GRADUATE STUDENTS – none

SQUARE FOOTAGE FOR EDUCATION: 1,708 square feet

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Annual board scores were alarmingly poor on last year’s national board exam. In response, educational specialists were enlisted for an intervention. Specific changes in the didactic and individual learning opportunities have been instituted.

The Neurosurgery RRC and Board have approved an outside clinical rotation with New South NeuroSpine in Flowood, MS. Dr. Jason Stacy is currently rotating with this multispecialty group. Initial reports from Dr. Stacy and from several of the physicians at NS2 have been outstanding.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY:
LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
• Articles in peer-reviewed journals - 6
• Books or book chapters published - 1
• Faculty who are members national study sections or committees - 1
• Journal editors or members of editorial boards – N/A
• PIs on extramural grants - 3

TOTAL AMOUNT OF NIH FUNDING: $993,808.00

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) 0

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)
Dr. Ludwig Orozco’s research project “Angiographic evaluation of the rat carotid balloon injury model” was funded by the department in the amount of $2,750.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• Establishment of a Simulation Laboratory for skull base surgery, microvascular surgery and minimally invasive spine surgery exercises
• Neurosurgery does not have any dedicated research space. This is currently not a problem because Dr. Perkins, the department’s only basic scientist has a collaborative arrangement with the Department of Neurorobiology and Anatomical Science.
• Our current model for resident research is to collaborate with basic science departments that have dedicated space, active researchers and ongoing projects.

ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)
Education: 1,708 square feet
Research: 575 square feet
Administrative: 1,325 square feet
Clinical: 2,072 square feet

LIST OF FACULTY IN EACH DIVISION
Pediatric Neurosurgery:
• Andrew D. Parent, MD, Professor
• James Mason Shiflett, MD, Assistant Professor

Adult Neurosurgery:
• Louis Harkey, MD, Professor and Chairman
• Gustavo Luzardo, MD, Assistant Professor
• Andrea Chamczuk, MD, Assistant Professor
• Jared Marks, MD, Assistant Professor
Dr. Andrew Parent is on our combined Neurology/Neurosurgery Promotions and Tenure Committee.

NUMBER OF FACULTY HIRED: 2 hired in 2011-2012

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES:
- Sharron Poole, Business Administrator
- Patricia McDavid, Manager of Business Operations
- Robin French, Education Administrator
- Tammy Hollingsworth, Administrative Assistant III
- Kristie McGloster, Administrative Assistant III

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY): N/A

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS: N/A

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- Recruitment continues to be a challenge for neurosurgery. Currently, we have a recruiter engaged to find a pediatric neurosurgeon and a functional neurosurgeon, two areas of significant need for comprehensive neurosurgical coverage.
- After nearly 5 years of concerted effort to fully fund the Robert R. Smith Chair, we finally have a corpus plus reliable commitments to reach the goal of $1,000,000. At the time this chair was first established $1,000,000 was considered sufficient to endow a chair.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
The extreme burden of Emergency Department consults impairs the growth potential of elective neurosurgical cases. Increasing elective caseload through the Pavilion will most likely improve payer mix. Recruiting additional neurosurgeons and thus diluting the call responsibility of our existing faculty is the best mechanism for relief in urgent and emergent caseload.

CLINICAL (for clinical departments only)
LIST THE NUMBER OF “Q AWARDS” RECEIVED: 1 received in 2011-2012 (Dr. James Mason Shiflett)

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:
- Mortality Index: 0.23
- Patient Safety Index: 0.99
- ALOS: 6.63
- SCIP Compliance: 92%
- Patient Satisfaction:
  - Respect From Doctors: 84.3%
  - Doctors Listen: 79.5%
  - Doctors Explain: 63.5%

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?
One of our residents, Jason Stacy, is a voting member of the institutional Quality Board (the first voting member on an institutional committee). He is also the Chairman of the Resident Quality Council and the Resident Peer Review Committee.

FINANCIAL PERFORMANCE - LIST:
- Total charges $8,283,654.00
- Total collections $2,657,969.84
- Collections per RVU $55.98
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

- Program Director - Sheila D. Bouldin, MD
- Education Administrator – Nicole Magee
- Education Coordinator – Lucy Varela-Quintero
- Clerkship Director – Jermaine Gray, MD

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

- ACGME-approved slots for learners - 24 slots, 6 per PGY level
- ACGME accreditation status - Continued Accreditation
- ACGME re-accreditation cycle length (in years) - 3 years
- Board pass rate - Written examination - 94%, Oral examination – 100%

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE - Program mean of 4.1

NUMBER OF GRADUATE STUDENTS – 0

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

- Accomplishments:
  - Evers Society Resident Teaching award – Dr. Lauren Barry
  - The Arnold P. Gold Foundation Humanism in Excellence in Teaching Award- Dr. Rachael Morris
  - Jr. Fellows Chair and Vice Chair, Mississippi ACOG Section - Dr. Stephanie Gong and Dr. Lauren Barry

- Challenges
  - Decreasing GME funding
  - Resident Obstetrics experience: number of deliveries
  - Resident Gynecology experience: number of abdominal and vaginal hysterectomies
  - Resident benefits provided by the Department
  - Resident remediation
  - More faculty involvement in conferences
  - Creation of a Clinical Competency Committee
  - Electronic fetal monitoring course

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:

- Articles in peer-reviewed journals - 71
- Books or book chapters published - 6
- Faculty who are members national study sections or committees - 5
- Journal editors or members of editorial boards - 0
- PIs on extramural grants - 4

TOTAL AMOUNT OF NIH FUNDING – $497,779.00

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) - $0

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)

- Fellows research projects funded by the department (60220840/69583400000) - $50,000 and $2,500.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

- Accomplishments:
  - Active Research Grants with some departmental funding.
  - Added 1 Research Faculty and 1 Researcher III.
  - Added 2 new grants.

- Challenges
  - Lack of research funding for travel, recruitment and non-grant funded research.
  - Lack of patient volume.
  - Lack of substantial Faculty involvement in Research.

ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT

- research – 3,820 sq. ft.,
- administrative (CS 3rd floor – 6,806 sq. ft.),
LIST OF FACULTY IN EACH DIVISION

Women's Health
- Dr. Jermaine Gray
- Dr. Shelia Bouldin
- Dr. Amber Shiflett
- Dr. Tara Benjamin
- Dr. Cynthia Bean
- Dr. Harriette Hampton
- Charlotte Peavie, NP
- Becky Bates, NP

Urogynecology
- Dr. Rodney Meeks
- Dr. Michel Rivlin
- Dr. Mohamed Ghafar

Reproductive Endocrinology and Infertility
- Dr. John Parry
- Dr. William Cleland
- Dr. Victoria Sopelak, PhD

Gyn Oncology
- Dr. Mildred Ridgway
- Dr. David McIntosh

Maternal Fetal Medicine
- Dr. James N. Martin
- Dr. Rick Martin
- Dr. James Bofill
- Dr. Michelle Owens
- Dr. Sandip Sawardecker
- Dr. Kedra Wallace, PhD
- Dr. Birdie LaMarca, PhD

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
- Michelle Owens, MD (Interim Chair)
- James Martin, Jr., MD
- Bill Cleland, MD
- Harriette Hampton, MD
- Shelia Bouldin, MD
- Michel Rivlin, MD

NUMBER OF FACULTY HIRED – 6
Dr. Tara Benjamin (7/18/2011)
Dr. John Parry (8/1/2011)
Dr. Mohamed Ghafar – (7/1/2011)
Dr. Elizabeth Lutz – Recruited on March 26, 2012 start date (09/04/2012)
Dr. Mary K. Corley – Recruited on April 26, 2012 start date (07/01/2012)
Dr. Sarah Novotny – Recruited on May 1, 2012 start date (07/01/2012)

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY) - None

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS – None

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- Accomplishments:
  o Stabilized the physician workforce by increasing the number of teaching physicians.
  o Increased surgical volume dramatically and have more than tripled our volume in robotic surgery.
  o Increased delivery volume by 10%.
- Challenges:
  o Disconnected scheduling processes.
  o Multiple off site locations without an on campus presence.
  o Wiser hospital is in need of renovation in order to reflect a more modern healthcare environment.
  o Outdated equipment which limits clinical capacity.
  o Lack of funding for major renovations needed to re-establish an OBGYN presence back on the main campus.

CLINICAL
(for clinical departments only)

LIST THE NUMBER OF “Q AWARDS” RECEIVED - 0
FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:

- Mortality and patient safety index - 0 & 1
- Risk adjusted length of stay – 3.22 (between 16% and 30% of UHC goal)
- Compliance with CMS core measures - yes
- Patient satisfaction - > than the 90th percentile

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?

- No

FINANCIAL PERFORMANCE - LIST:

- Total charges - $17,313,398.48
- Total collections - $5,856,156.87
- Charges per RVU – Data is currently not captured
- Collections per RVU PWRVU-$51.76

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

- Accomplishments
  - Recruited 6 new providers.
  - Stabilized Department Finances.
  - Filled the Chair position with a start date of July 1, 2012.

- Challenges
  - Faculty Recruitment in critical subspecialties.
  - Retaining our residents.
  - Lack of collaboration with other internal departments.
  - EPIC learning curve.
  - Decompression of Mirror Lake.
  - Increasing our patient volume.
  - Increasing our deliveries.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

- Ching-Jygh Chen, M.D., Professor and Chairman
- Kimberly Crowder, M.D. Associate Professor and Program Director
- Rosanna Bahadur, M.D. – Residency Medical Education Site Director, VA Medical Center
- Fay Beach, Education Administrator

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

- ACGME-approved slots for residents – 9 positions for the Ophthalmology Resident program. We do not have an Ophthalmology Fellowship program.
- ACGME accreditation status – Continued Accreditation, next approximate date for site visit is May 1, 2013.
- ACGME re-accreditation cycle length (in years) – 4 years; last site visit date was November 24, 2008
- Board pass rate – Results for the 2011 (5 year study) – 85% passed the written exam and 58% passed the oral exam

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

- Ophthalmology moved to the new clinical facility and renovated the McBryde building for resident education and departmental administrative services.
- The department now offers computer simulated dry lab and wet lab for hands-on resident surgical training.
- Ophthalmology continues to offer “Resident Research Day Conference” and opens the conference free to state general ophthalmologists.
- Ophthalmology hosts yearly UMC Ophthalmology Update Conference for Ophthalmologists in the tri-state region.
- The department is adopting 3-D surgery and will stream the live surgical video in 3-D for a real time surgical education.
- Ophthalmology hosts Prof. Samuel Johnson Lectureship continuing to provide this free distinguished visiting professor lecture to state ophthalmologists.
- The Ophthalmology chairman, Dr. Ching-Jygh Chen, received the most prestigious award “Senior Achievement Award” from American Society of Retinal Specialists for appreciation of his contributions to the society in clinical research and teaching.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT:

- Articles in peer-reviewed journals: 4
- Books or book chapters published: 0
- Faculty who are members national study sections or committees - 0
- Journal editors or members of editorial boards - 1
- PIs on extramural grants: - 1

TOTAL AMOUNT OF NIH FUNDING:

$351,648

- Co-PI with Dr. O’Callaghan: National Institute of Health R01 grant: Staphylococcus Keratitis: Mechanism and Arrest of Ocular Damage. Co-Principle Investigator: Dr. Bo Huang
- NIH Grant Proposal for submission: Co-PI with Dr. Bo Huang with Dr. Gene Bidwell: Development of an EF1t mini-protein for treatment of corneal neovascularization.
LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH:
Resident Research Projects (Clinical)
• Combination Anti-VEGF and Perspective Free triamcinolone Acetonide Therapy for Refractory Choroidal Neovascularization Secondary to Age-Related Macular Degeneration by James Shipp, MD; Ching J. Chen, MD, Preceptor
• Does Pars Plana Vitrectomy Increase the Chances of Developing Glaucoma? A Retrospective Analysis of Patients Diagnosed with Glaucoma Five Years After Having Pars Plana Vitrectomy by Katie Goldhair, MD; Omolola Idowu, MD, Preceptor
• Esotropic Presentation of Isaac Syndrome by Jay Craddock, MD; Nils Mungan, MD, Preceptor
• Glaucoma Awareness in Relatives of Patients Diagnosed with Glaucoma by Jennifer Oakley, MD; Omolola Idowu, MD, Preceptor
• Comparison of IOL Positioning and Refractive Outcomes of Scleral Sutured Lenses Versus in the Bag Placement by Taylor Smith, MD; Heather Hancock, MD, Preceptor
• Management of Inferior Retinal Tears Using Retained PFO by Benjamin Guidry, MD; Heather Hancock, MD, Preceptor
• Clinical and Surgical Applications of Handheld Spectral-Domain Optical Coherence Tomography by Victor Copeland, MD; Ching J. Chen, MD, Preceptor
• The Perception of Pain Associated with Intravitreal Injections by Zachary Robertson, MD; Heather Hancock, MD, Preceptor
• Harlequin Ichthyosis. Case Report/Literature Review by Erica Benvenuti, MD; Kyle Lewis, MD, Preceptor

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• Ophthalmology is involved in one of the most important genetic studies on “Proliferative Diabetic Retinopathy in African American” (P.I.: Ching J. Chen) in collaboration with Harvard Medical School, Department of Ophthalmology.
• Two faculty members (Dr. Omolola Idowu and Dr. Kimberly W. Crowder) were invited to participate in two clinical trials, one in pediatric glaucoma and one in neuro-ophthalmology.
• Ophthalmology recruited one PhD with Biostatistics expertise (Dr. Replogle) and one PhD with expertise in Ocular Motility (Dr. Lewis Chen) as jointly appointed faculty to improve our research.
• The Ophthalmology practice contributed to the research fund $100,000 for faculty start up research.
• Ophthalmology department’s policy is for faculty and residents to complete at least one clinical research per year and present outcomes during the research day meeting.

ADMINISTRATION
LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)
• Education – 4,742
• Research – 926
• Administrative – 2,763
• Clinical – 23,497

LIST OF FACULTY IN EACH DIVISION
• Retina: Ching J. Chen, MD, Heather A. Hancock, MD
• Comprehensive: Kimberly W. Crowder, MD, Farrah D. Newman, MD
• Glaucoma: Omolola Idowu, MD
• Pediatric: Nils K. Mungan, MD
• Cornea: Bo Huang, MD, PhD
• Oculo-Plastics: Kyle Lewis, MD
• Neuro-Ophth: James J. Corbett, MD
• VA Medical Staff: Rosanna Bahadur, MD, Ronald Braswell, MD, Michael Palmer, MD

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
• Bo Huang, MD, PhD

NUMBER OF FACULTY HIRED
• Kyle Lewis, MD: Oculo-plastics

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
• Kimberly W. Crowder, MD: Director of Residency Program:
• Terry N. Ables: Departmental Business Administrator
• Fay Beach: Education Administrator
• Barbara “Bobbie” Beard: Ambulatory Operations Director
• Sherlene Sullivan: Administrative Assistant III
LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)

- Diabetes Foundation of Mississippi
- American Lung Association
- Taste of UMC
- Margie Bulboff Golf Tournament
- Glaucoma Sight Saver Screenings

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS

- Diabetes Foundation of Mississippi
- American Lung Association
- Taste of UMC
- Margie Bulboff Golf Tournament
- James J. Corbett, MD Lectureship in Neuro-Ophthalmology
- Glaucoma Sight Saver Screenings

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

- In August of 2011, the Department of Ophthalmology moved to the Newly Remodeled Medical Building at 764 Lakeland Drive. At this facility we have all subspecialties of Ophthalmology as well as Ophthalmic testing labs, a complete Optical Shop, beautiful waiting areas and covered parking for our patients.
- The department renovated their original McBryde space to provide offices for each faculty member. Additional space was renovated to provide educational spaces and labs as mandated by ACGME.
- Partnering with the Department of Neurology, Ophthalmology established the James J. Corbett Lectureship Series.
- The department provides the Ophthalmology Update Conference and hosts a reception at American Academy of Ophthalmology annual meeting to encourage financial support from our graduates and associated ophthalmologists.

CLINICAL
(for clinical departments only)

LIST THE NUMBER OF “Q AWARDS” RECEIVED – 0

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:

- Patient satisfaction survey (Press Ganey) has now been incorporated by UP to monitor success. Score cards are given to the Ambulatory Operations Director.
  - Mortality and patient safety index
  - Risk adjusted length of stay
  - Compliance with CMS core measures
  - Patient satisfaction

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?

There is no department instituted resident quality committee. Our residents are each responsible for completing one quality improvement project during residency. Also, one of our residents sits on the UMC Resident Quality Council committee each year. Additionally Resident clinical performance is analyzed monthly at the Resident Round Table Faculty Meeting.

FINANCIAL PERFORMANCE - LIST:
(7/1/11) – (6/30/12)
- Total charges $18,936,665.09
- Total collections $ 6,592,442.61
- Collections per RVU $67.90

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

- Ophthalmology established the oculo-plastic surgery service and is now promoting Dr. Lewis in this subspecialty.
- The department is the only institution in the state providing brachytherapy treatment for ocular melanoma.
- Ophthalmology is the only institution which provides the extra wide angle 200 degree digital angiographic imaging-system in the state
- The department established a full optic and contact lens shop at the new 764 Lakeland facility.
- Ophthalmology is adapting the state of the art 3-D surgical system to the ophthalmic surgery service and will stream the live 3-D surgical video to the conference room for real time surgical teaching.
- The Department of Ophthalmology is growing and is recruiting more faculty member in the area of Comprehensive Ophthalmology, Pediatric Ophthalmology and Retina.
- The department continues to promote the Grants Ferry clinic where we have a comprehensive ophthalmology practice and a refractive surgery program.
- The department of ophthalmology continues to maintain retinal satellite clinics in Meridian, Hattiesburg, Vicksburg, Natchez and Kosciusko to provide needed services in each region. Future plans are to expand our satellites with different ophthalmology subspecialties.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

- Program Director: Orthopedic Surgery Residency Program / Matthew L. Graves, MD. Dr. Graves also chairs the Department’s Duty Hour Committee, Orthopedic Education Committee, and is a member of the GMEC committee.
- Program Director: Orthopedic Surgery Hand Fellowship Program / William B. Geissler, MD
- Department Chairman: Robert A. McGuire, Jr., MD. Dr. McGuire serves as chairman of the department, sits on the Resident Duty Hour Committee, the Orthopedic Education Committee and is involved with resident education funding, leadership, and support.

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

- ACGME-approved slots for learners
  Orthopedic Surgery Residency program - 20
  Orthopedic Surgery Hand Fellowship program – 1
- ACGME accreditation status
  Orthopedic Surgery Residency Program - Full accreditation
  Effective Date: 06/06/12
  Self-Study Approximate Date: 06/01/2014
  Orthopedic Surgery Hand Fellowship Program - Full accreditation
  Effective Date: 01/15/10

Internal Review by Hospital GMEC: 12/2011
Self-Study Approximate Date: 01/01/2014

- Board pass rate
  Orthopedic Surgery Board Pass Rate for July 2011 Exam – 50%
  50% on Part I (2 of 4)
  100% on Part II (2 of 2)
  Orthopedic Surgery Board Pass Rate for July 2012 Exam – 100%
  100% on Part I [including re-takers – 2] (4 of 4)
  100% on Part II (including re-takers - 1) (6 of 6)

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE

Orthopedic Residency Program – 95% / Very positive
Orthopedic Hand Fellowship Program - > 70% (we only have one fellow and thus, ACGME only provides an aggregate report with the actual score for programs with more than 1 fellow.

NUMBER OF GRADUATE STUDENTS

Dr. Michelle Tucci provides teaching as an orthopedic surgery department faculty member – she is also a graduate school faculty member to numerous programs on campus. She supervised and directs two graduate students within the department – Dr. Siddhant Mehta and Dr. Will Johnson. She advises current residents who are also PhD candidates Dr. Christine W. Pierce (PG3), Dr. David A. Black (PG2), and Dr. Tracey J. Lawyer (PG1).

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Accomplishments:
- Successful NRMP match in both orthopedic surgery and hand fellowship programs for the 2012 and 2013 entry classes.
- Graduation of the 2012 class of orthopedic surgery residents (4) who passed Step I of their American Board of Orthopedic Surgery exam taken July 2012.
- Successful pass rates on all previous residents in their Step II of the American Board of Orthopedic Surgery exam taken July 2012.
- Successful completion of our internal review of the Orthopaedic Surgery hand fellowship program in December 2011.
- Successful completion of the ACGME site review of our Orthopedic Surgery Residency program in March 2012, with the program being removed from probation.

Challenges:
- Funding for educational programs continues to be a challenge. The department is seeking external funding from private sources to continue the high standard of training for our residency & fellowship programs.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY:

LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:

- Articles in peer-reviewed journals: 56
- Books or book chapters published: 2
• Faculty who are members national study sections or committees: 4 faculty members part of 8 different study sections/committees
• Journal editors or members of editorial boards: 5 faculty members part of 6 different editorial boards
• PIs on extramural grants: 5

TOTAL AMOUNT OF NIH FUNDING: $0

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) - $32,500
• AO Spine North America: $12,500
• Deputy Spine: $7,000
• J & J: $13,000

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)
7 Year Resident Research Pathway – funded by clinical revenue

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Accomplishment/Challenge: The 7 Year Resident Research Pathway was ended for the upcoming year due to funding issues. This program was the first & only of its kind in United States & has been a source of pride for the Department of Orthopedic Surgery & Rehabilitation for years. The fifth doctoral student will defend this year & continue his training in orthopedic surgery. The department has been honored to train these physicians & regrets to be ending this program.

ADMINISTRATIVE
LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)
• Education: 3,297 sq ft
• Research: 1,162 sq ft
• Administrative: 12,904 sq ft
• Clinical: 14,698 sq ft

LIST OF FACULTY IN EACH DIVISION – Note: We do not have formal divisions we have services within our department.
Foot & Ankle
• Thom Tarquinio, M.D.
Hand
• William Geissler, M.D.
• Sheila Lindley, M.D.
Oncology
• Jennifer Barr, M.D.
Pediatrics
• Lawrence Haber, M.D.
• William McCluskey, M.D.
• John Purvis, M.D.
• Craig Robbins, M.D.
• Patrick Wright, M.D.
Rehab
• Melissa Powell, NP
Spine
• Robert McGuire, M.D.
• M. Stanton Ward, M.D., Ph.D.
• Nancy Ankiam, RNFA
Sports Medicine
• Carrie Carlisle, RNFA
Total Joint
• Benjamin Stronach, M.D.

Trauma
• Patrick Bergin, M.D.
• Matthew Graves, M.D.
• George Russell, M.D.
• Mark Duncan, NP
Nurse Practitioners
• Brad Martin, NP
• Cynthia Pulliam, NP
• Hollis Purviance, NP
• Bonnie Saucier, NP
Orthotics & Prosthetics
• Richard Boleware, CP
• Reggie Kennedy, CO
• Rick Psonak, CPO
Physical Therapy
• Trent Butler, PT
• Jeff Hodges, PT
Research
• Michelle Tucci, Ph.D.

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
• Robert McGuire, M.D.
• George Russell, M.D. (also services on the institutions promotion & tenure committee)

NUMBER OF FACULTY HIRED
• Physicians: 5
• Nurse Practitioners: 2

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
• Kathryn A. Evans, MSHA, MBA - Department Business Administrator
• Debi Burnett, Administrative Assistant IV
• Donna Reyer, Manager of Business Operations
• Sallye Wade, Supervisor Office Services
Department of Orthopedic Surgery and Rehabilitation

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

• Established new service – Mississippi’s only Orthopedic Oncologist – Dr. Jennifer Barr
• Successful implementation of five new physicians’ practices – excellent performance on all metrics: patient satisfaction, quality, financial benchmarks, etc.
• Mississippi’s only Orthotics & Prosthetics site to implement computerized prosthetic technology, providing our patients with the highest quality of care

FINANCIAL PERFORMANCE – Note:
Financial data is from July 2101 – May 2012 due to EPIC conversion in June 2012. Total charges: $35,214,740.42
• Total charges: $35,214,740.42
• Total collections: $12,558,453.81
• Collections per RVU: $68.04

CLINICAL
(for clinical departments only)

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:

• Mortality and patient safety index
  o Mortality index: 0.26
  o Patient safety index: 1.0
• Risk adjusted length of stay
  o ALOS: 5.44
  o ALOS Index: 0.91
• Compliance with CMS core measures
  o SCIP (Hip & Knee): 93%
• Patient satisfaction
  o Respect from Doctors: 81.8%

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?
Although, the department does not have a Resident Quality Committee, the Education Committee discusses all resident issues, including resident quality improvement projects (ACGME requirement), etc.
## EDUCATION

### PROGRAM DIRECTOR
- Residency Program Director – Andrea Lewis, MD
- Assistant Residency Program Director – Gina Jefferson, MD
- Student Course Director (ENT) – Karen Pitman, MD
- Student Course Director (Dermatology) – Nancye McCowan, MD
- Education Administrator – Mary Manasco
- Administrative Assistant – Jessica Coleman (ENT students)
- Administrative Assistant – Peg Farnham (Dermatology students)

### RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
- ACGME-approved slots for learners - 15
- ACGME accreditation status – Continued Accreditation
- ACGME re-accreditation cycle length (in years) – 4 years
- Board pass rate – 100%

### ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE
- Very positive – 87%
- Positive – 13%
- Neutral – 0%
- Negative – 0%
- Very Negative – 0%

### NUMBER OF GRADUATE STUDENTS
- None

### ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
**Accomplishments**
- Mark Reed, MD was granted tenure.
- First Place team – 5th Annual Academy of Otolaryngology – Head and Neck Surgery Foundation’s Resident Academic Bowl. Members were Alan Grimm, MD, Byron Norris, MD, and Beth Thomas, MD. Participation was based on highest performance by residency program on Home Study Course.
- Reached our full resident complement increase
- Successful PGY-1 match: all slots filled at a level higher than the national average
- Successful match into Pediatric Otolaryngology fellowship – Tara Rosenberg, MD
- Residents on National Committees:
  - Byron Norris, MD - Organization of Resident Representatives of AAMC
  - Neal Burkhalter, MD – Section for Residents and Fellows Representative for AAO- HNSF
- Tara Rosenberg, MD – Section for Residents and Fellows delegate to SUO
- Continued Accreditation achieved for residency program
- Sleep faculty member added
- Dermatology faculty member added
- Faculty members certified in robotic surgery
- 2 visiting professorships sponsored
- Scott Stringer, MD - Invited as a visiting professor at 5 academic institutions
- Panelist at Society of University Otolaryngologists Head & Neck Surgeons Annual Meeting
- Invited as a presenter at Council of Academic Societies Meeting
- J. Randall Jordan, MD - Invited as Speaker at 4 national meetings
- Ian Windmill, PhD - Invited as speaker at 2 national conventions
- National presentations by residents
  - Otolaryngology Program Directors Organization – November 2011 – 1 podium presentation
- AAO-HNSF Annual Meeting – September 2011 – 2 podium presentations
- AAOA Annual Meeting – September 2011 – 1 podium presentation
- Triological Society Combined Sections Meeting – January 2012 - 4 poster presentations
- Regional presentations by residents
  - Mississippi Society of Otolaryngology/Alabama Society of Otolaryngology 2012 Annual Meeting – June, 2012 – 2 podium presentations and 4 poster presentations
- Mary Lou Sorey - received the ASHA Ace award for continuing education in the field of Speech/Language Pathology
- Ian Windmill, PhD, - Chair of the Accreditation Commission for Audiology Education
- Serves on the Advisory Committee for Master’s Degree in Early Oral Intervention-University of Southern MS
- Participant, Office of Special Education Programs Focus Group on Deaf Education, U.S. Department of Education
The ACT Center - conducted three Certified Tobacco Treatment Specialist Workshops at which
- 46 professionals were trained to treat tobacco dependent individuals utilizing an intensive, comprehensive treatment approach
- conducted twelve Health Care Provider Brief Intervention Workshops for health care providers across Mississippi

Developments
- We are recruiting to replace a head and neck/microvascular surgeon that left the program due to family reasons.
- Communicative Sciences is working on developing a post-master’s clinical doctoral degree program in speech language pathology and a clinical doctoral degree in audiology.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
- Articles in peer-reviewed journals – 40
- Books or book chapters published – 3
- Faculty who are members national study sections or committees – 3
- Journal editors or members of editorial boards – 5
- PIs on extramural grants – 3

TOTAL AMOUNT OF NIH FUNDING - $817,550 for 2011-2012 academic year ($5,087,440 total NIH Awards)

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) - $2,079,327
- Mississippi State Department of Health to ACT Center $1,200,000
- Mississippi Legislative Appropriation to ACT Center $700,000
- Incidence of Otorrhea following Tympanostomy $47,455
- ALCON Clinical Trial $40,759
- Vestibular System Structure & Function $35,425
- Treatment of Acute Otitis $19,073
- Study of Lymphoseek as Lymphoid Tissue $10,000
- Hearing Research Restricted Fund $8,912
- Increasing Geriatrics Expertise $7,080
- PI Research Incentive Plan $6,726
- Nuclear Freedom Cochlear Implant System $2,525
- Enhancing Education Through Integrating $1,372

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (no funding is available)
- Thomas Eby, MD - Virtual Temporal Bone Surgery: Defining and Translating Standardized Metrics to an Automated Assessment Tool
- J. R. Jordan, MD and Andrea Lewis, MD - Beauty Sleep: Effect of CPAP on Facial Appearance
- J. R. Jordan, MD and Jon Hayes, MD - Biomechanical Evaluation of the Spanning Reconstruction Plate; Compared to Standard Reconstruction Techniques to Treat and Mandibular Symphaseal Fractures
- J. Schweinfurth, MD - Posterior Glottic Bridge: A Case Series; Tracheal Stenosis and Subglottic Leiomyoma
- Scott Stringer, MD - Silent Sinus Syndrome: Is There a Role for Surgical Prevention? and Ethnic Differences in Severity of Primary Presentation of Chronic Rhinosinusitis Using the Lund-Mackay Staging System
- Kim Ward, AuD - Current Knowledge of Hearing Loss Among Educators in the Mississippi Public Schools
- Wu Zhou, PhD - VEMP Tuning Project
- C. Bishop, AuD - Pilot study on vestibular function in Type II Diabetics
- Ian Windmill, PhD - Workforce projections in audiology; Increasing efficiency in service delivery systems and Obstacles to expanding educational programs

J. R. Jordan, MD and R. T. Brodell, MD - Pulsed Dye Laser Treatment for Small Basal Cell Carcinomas of the Face
- Gina Jefferson, MD - Flap Failure After Head & Neck Cancer Extirpation in Muscular Dystrophy and Racial Disparity in Survival Outcomes of HPV Positive versus HPV Negative Oropharyngeal Carcinoma
- Thomas Payne, PhD - Behavioral & Genetic Factors Associated with Tobacco Use Medication Response & Treatment Outcome
- J. Schweinfurth, MD - Posterior Glottic Bridge: A Case Series; Tracheal Stenosis and Subglottic Leiomyoma
- Scott Stringer, MD - Silent Sinus Syndrome: Is There a Role for Surgical Prevention? and Ethnic Differences in Severity of Primary Presentation of Chronic Rhinosinusitis Using the Lund-Mackay Staging System
- Kim Ward, AuD - Current Knowledge of Hearing Loss Among Educators in the Mississippi Public Schools
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- C. Bishop, AuD - Pilot study on vestibular function in Type II Diabetics
- Ian Windmill, PhD - Workforce projections in audiology; Increasing efficiency in service delivery systems and Obstacles to expanding educational programs
ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Accomplishments

• Dr. Thomas Payne received Silver Level Status for Excellence in Research.
• Dr. Thomas Payne received Gold Level Status for Excellence in Research for his work as an investigator seeking to eliminate tobacco addiction.
• Dr. Hong Zu received Silver Level Status for Excellence in Research in recognition of receiving over $500,000 in extramural research funding.
• Dr. Charles Bishop was a keynote speaker at an Otolaryngology conference.
• Dr. Wu Zhou was accepted to the Barany Society.

Developments

• We have recruited an additional NIH funded vestibular scientist to add to our nationally ranked vestibular program.
• We are preparing to submit a grant proposal for the development of a clinical VEMP testing device to take to the marketplace that is a result of our basic science research in this area.
• We are currently investigating participation as site for clinical trial for new drug for treatment of advanced basal cell carcinoma of the skin.
• We are involved with Cochlear Americas on Cochlear Implant research for underserved populations and cartilage graft tympanoplasty.

• We have the following grants in preparation:
  o Noise-induced Vestibular Deficits (RO1)
  o Central Mechanisms of Sound Activation of Vestibular System (RO1)
  o Irradiation-induced hearing and vestibular deficits (RO1)
  o Transient Ischemia-induced vestibular deficits (RO1)
  o Labyrinth Mechanics of Sound Activation of Vestibular End Organs (RO1)
  o Standardized VEMP Test and Instrumentation (STTR)
  o Standardized VEMP tests for Vestibular Clinics (RO1)
  o Neural plasticity in the VOR (RO1)
  o Neural mechanisms underlying VEMP in Monkeys (RO1)

ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)

• Education 5447
• Research 4617
• Administrative 2342
• Clinical 31,581

LIST OF FACULTY IN EACH DIVISION

ENT Faculty

• Scott Stringer, MD, MS
• J. Randall Jordan, MD
• Jeffrey D. Carron, MD
• Karen T. Pitman, MD
• John M. Schweinfurth, MD
• J. Mark Reed, MD

• Thomas L. Eby, MD
• Gina D. Jefferson, MD
• Christopher E. Lee, MD
• Andrea F. Lewis, MD
• Tristen Harris, PA-C
• Holly Armstrong, CFNP

Dermatology Faculty

• Robert T. Brodell, MD
• Nancy K. McCowan, MD
• Julie P. Wyatt, MD
• Kimberley H. Ward, MD

Oral Oncology Faculty

• Karen Crews, DMD
• Harold Kolodney, DMD
• George Taybos, DDS
• Thomas Payne, PhD
• Shelley Taylor, DMD

Communicative Sciences Faculty

• Ian Windmill, AuD
• William Mustain, AuD
• Charles Bishop, AuD
• Kathy Irving, AuD
• Lauren McIntosh, AuD
• Denise Pouncey, AuD
• Grace Sturdivant, AuD
• Mary Frances Wilks, AuD
• Sue Windmill, AuD
• Kathy Wendland, MA, SLP
• Josie Alston, MS, SLP
• LaQuisha Burks, MS, SLP
• Kimbrell Evans, MS, SLP
• Kara Gibson, MA, SLP
• Lindsey Hodnett, MS, SLP
• Ashley Legate, MS, SLP
• Candace Logan, MS, SLP
• Andrea Lowrie, MS, SLP
• Mallary Mardis, MS, SLP
• Laura McCarty, MS, SLP
• Lara Monico, MCD
• Kristen Palmer, MS, SLP
Department of Otolaryngology and Communicative Sciences

- Mary Lou Sorey, MS, SLP
- Susan Stringer, MS, SLP
- Katy Vaughan, MS, SLP
- April Webb, MS, SLP
- Katie Weeks, MS, SLP
- Claire Windsor, MS, SLP
- Jane Malphurs, M ED

Research Faculty
- Wu Zhou, PhD
- Hong Zhu, MD, PhD
- Lewis Chen, PhD
- Jesus Monico, MPH

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
- Thomas Eby, MD
- J. Mark Reed, MD
- Ian Windmill, PhD
- Karen Crews, DMD
- Wu Zhou, PhD

NUMBER OF FACULTY HIRED – 7

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
- Marilyn Roberts, Dept. Business Administrator
- Lee Fontanille, Manager Business Operations
- Cathy McCaskill, Manager Business Operations
- Erin McNabb, Project Administrator
- Mary Manasco, Education Administrator

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)
- Habitat for Humanity
- Free Oral Health Care Clinic at Jonestown Oral Health Clinic in MS Delta
- Educational Seminars for UMMC employees and the community
- Community Health Fairs (Hearing and Head and Neck Cancer Screenings)
- Dr. Jeff Carron and Dr. Ian Windmill serve on the Board of Directors at Magnolia Speech School.

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?
– All residents are present and participate in our monthly Performance Improvement meetings. Each resident is required to present at these meetings once a year.

FINANCIAL PERFORMANCE - Reported for July 2011-May 2012*
(*reporting 11 mo. due to implementation of EPIC)
- Total charges - $16,059,272
- Total collections - $6,138,671
- Collections per RVU - $43.69

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Accomplishments
- Recognized nationally and regionally as an outstanding referral center that is patient centered, quality focused, and responsive to the needs of our referring providers
- Maintained above average customer satisfaction ratings during the challenging period of implementing EPIC
- Continued to grow Facial Plastic Surgery clinical practice productivity
- The only pediatric otolaryngology center in Mississippi
- The only pediatric cochlear implant/BAHA program in the state.
- Ian Windmill, PhD, - serves on the Advisory Committee, Early Hearing Detection and Intervention Program, Mississippi Department of Health

LIST THE NUMBER OF “Q AWARDS” RECEIVED - 0

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:
- Mortality and patient safety index – 0.44 observed
- Risk adjusted length of stay – (observed/expected) 0.81
- Compliance with CMS core measures – Not applicable to our department
- Patient satisfaction:
  - Overall Rating – 91.9
  - Care Received during Visit – 94 Likelihood of recommending practice – 93.6

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Developments
We will be replacing an outstanding residency program coordinator due to her retirement.

CLINICAL
(for clinical departments only)
Developments

- Recruiting to replace a head and neck/microvascular surgeon that left the program due to family reasons
- Recruiting a micrographic surgeon
- Having initial discussions of a multidisciplinary cosmetic clinic with Plastic Surgery and Dermatology
- Improving billing practices for hearing aids, such as strategic plan to unbundle fee for service for hearing aid related service
- Revising hearing aid delivery practice
- Working on development of protocol/policies for developmental care such as feeding in the NICU
- Developed a Health Stream module for educating NICU staff on developmental approach to oral feeding in the NICU
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
- Residency Program Director – Dr. Anwer Siddiqi
- Medical Course Director - Dr. William Daley
- Dental Course Director - Dr. Ayman Asfour
- Graduate Studies and Research Director - Dr. Julius Cruse

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
- ACGME-approved slots for learners-12 Residents, 2 Fellows
- ACGME accreditation status – Continued Accreditation
- ACGME re-accreditation cycle length (in years) – 4 years
- Board pass rate – 5 year board pass rate for first time takers:
  - Anatomic Pathology 92%
  - Clinical Pathology 85%

ACMG Resident Survey Overall Program Score – 3.5

NUMBER OF GRADUATE STUDENTS – 3

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- Pathology Course 621 - During the 2011-2012 academic year, two radiology correlations were incorporated within the course, with plans for four correlations in the upcoming session. Students performed above the national mean (500)
- The pathology residency program has achieved ACGME continued accreditation for the next four years (2011-2015) with no major deficiencies. That translates into continued funding for the residency program approximately $4 million over four years.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY:
LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
- Articles in peer-reviewed journals - 15
- Books or book chapters published - 5
- Faculty who are members national study sections or committees - 2
- Journal editors or members of editorial boards - 8
- PIs on extramural grants – 3

TOTAL AMOUNT OF NIH FUNDING – NONE

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) - $679,336

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE) - $25,000, State

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Dr. Jeffrey Henegar and Jesus Monico have been named Co-Directors of Research for Pathology. Dr. Alexandra Brown organized and directs a new state-of-the-art Tissue Bank, which is a major advance in the department’s
research program. Our residents presented research papers and case reports at the annual US-Canadian Society of Pathologist’s meeting in Vancouver, British Columbia this past year. Dr. Robert Lewis organized and directs a new flow cytometry laboratory with state-of-the-art circulating tumor cell analysis instrumentation to detect and follow circulating tumor cells in the blood of patients with breast, colon, or prostate cancer.

**ADMINISTRATIVE**

**LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)**

- Education – 4,223 sq. ft.
- Research – 701 sq. ft.
- Administrative – 4,402 sq. ft.
- Clinical – 10,769 sq. ft.

**LIST OF FACULTY IN EACH DIVISION**

**Anatomic Pathology**
- Israh Akhtar
- Kay Allen
- Mithra Baliga
- Alexandra Brown
- Julius Cruse
- William Daley
- Rhyne Flowers
- Jonathan Fratkin
- LaFarra Young Gaylor
- Jeffrey Henegar
- Zhi He
- Jack Lewin
- Robert Lewis
- Jesus Monico
- Luminita Rezeanu
- Anwer Siddiqi
- Charu Subramony
- Junming Wang
- Xinchun Zhou

**Clinical Laboratory**
- Ayman Asfour
- Brad Brimhall
- John Coleman
- Patrick Kyle
- John Lam

**LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE**
- Julius Cruse, Chair
- Robert Lewis
- Charu Subramony
- Mithra Baliga
- Bradley Brimhall
- Alexandra Brown

**NUMBER OF FACULTY HIRED – 3**

**LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES**
- Jack Lewin – Interim Chair
- Julius Cruse - Vice Chair
- Brad Brimhall - Medical Director, Clinical Lab
- Alexandra Brown – Anatomic Pathology Director
- Luminita Rezeanu – Surgical Pathology Director
- Anwer Siddiqi – Residency Training Program Director
- Angelina Knott - Department Business Administrator

**LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY) NONE**

**LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS** NONE

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT**

The Department of Pathology has been without a permanent chair since the beginning of 2012; however, with the assistance of Faculty Affairs, significant progress has been made in the search for a new chair. Dr. Jack Lewin is currently serving as Interim Chair. We are recruiting Dr. Anna Mathew for possible hire for July, 2013. Dr. Mathew is completing a two-year fellowship in neuropathology and will serve as backup to Dr. Jonathan Fratkin who is currently our only neuropathologist. The Clinical Laboratory and Surgical Pathology areas are in need of additional space in order to provide for expanding services. For example, the toxicology laboratory needs to be expanded and moved out of its limited space in the research wing. We have been without a functioning electron microscope for some time now, and the effort to purchase a used one from Creighton has collapsed.

**CLINICAL**

(for clinical departments only)

**LIST THE NUMBER OF “Q AWARDS” RECEIVED – 0**

**FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:**
- Mortality and patient safety index – N/A
- Risk adjusted length of stay – N/A

Department of Pathology
Department of Pathology

- Compliance with CMS core measures – N/A
- Patient satisfaction – N/A

**HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?**
Not in place at this time

**FINANCIAL PERFORMANCE - LIST:**
- Total charges - $9,299,227
- Total collections - $3,030,328
- Collections per RVU – 49.22

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT**
The clinical services of the department of pathology have provided outstanding laboratory care in supporting University of Mississippi Healthcare during the past fiscal year. Although we continue to experience substantial shortages in faculty due to retirements and resignations, the quality level of laboratory support for clinicians has continued.
LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
- Residency Program Director: Jeff Crout, MD
- Associate Residency Program Director: Kathryn Schneider, MD and Ryan Nerland, MD
- Student Clerkship Director: Kim Paduda, MD
- Vice-Chair for Pediatric Education: Jeff Crout, MD
- Assistant Dean for Graduate Medical Education (UMC): Marc Majure, MD

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
- ACGME-approved slots for learners
  - 39 categorical Pediatric positions (requested increase to 42 this year)
  - 3 Pediatric Hematology/Oncology fellowship positions
  - 3 Pediatric Neurology residency positions
  - 12 Combined Internal Medicine/Pediatric Residents (requested increase to 16 this year); half of Med-Peds residents are on Pediatric rotations at any given time
- ACGME accreditation status - Re-accredited 2012
- ACGME re-accreditation cycle length (in years) - next sight visit listed as “ten years”; Next Accreditation System (NAS) visits TBA as new system starts in 2013
- Board pass rate - Five year average: 71%

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE
- Very Positive 52%
- Positive 36%
- Neutral 12%
- Negative 0%
- Very Negative 0%

NUMBER OF GRADUATE STUDENTS - None (PhD, Masters)
(All medical students rotate through the Pediatrics department in the third and fourth year.)

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- In response to the school of medicine’s effort to integrate basic and clinical sciences across the continuum of medical school education, we initiated a series of genetics lectures and created training videos on genetic counseling as part of the M1 biochemistry course, we have a stand-alone genetics course in the M2 year, we offer a 2-week clinical elective for M3s and will begin offering lectures as part of the pediatrics clerkship, and we offer a 1-month elective in genetics for the M4s.
- Faculty have won multiple Evers’ Society awards including clinician of the year, all-star professor, and two have been placed in the Evers’ Society Hall of fame for medical student teaching. Additionally faculty has won Alumni Association clinician of the year award and placed in the Nelson order for teaching excellence multiple times.
- In the third year of medical school, the entire student class rotates a minimum of six weeks on the Pediatric junior clerkship. Many more choose to perform one of the 5 two-week electives in that year.
- In the fourth year of medical school, the entire student class is required to perform a minimum of 1 one-month rotation on a core rotation in Pediatrics. Many fourth-year students perform multiple other electives rotations with our department.
- Pediatrics has a total of 6 clerkships available in the third year and 18 clerkships available in the fourth year for UMC medical students. Each of these rotations has individual clerkship director responsibilities. New rotations have been added yearly as space or resources have allowed (Ex. Rotations in Pediatric hospitalist medicine, Palliative care, Rehabilitation medicine, etc).
- The major educational challenges for the Department of Pediatrics revolve around resources (faculty number, physical plant space, dedicated teaching time, administrative time for educational leadership, etc) versus an increasing number of learners. For example, the Pediatric third-year clerkship may have up to 24 medical students on the rotation at any one time. The work areas alone on the patient care floors of the Batson Hospital will only accommodate six total personnel at one time. Physician Assistant students and Nurse Practitioner students have become more common in our facility. The resident lounge and lecture areas have not been significantly expanded since there construction in the 1960’s.
although student and resident numbers have increased dramatically. It is not unusual to have a standing-room-only crowd in the one classroom given to Pediatrics, S123. The ambulatory faculty on staff in Pediatrics at Batson numbers only 7 whereas other regional hospitals list many more. For instance, Arkansas Children’s Hospital lists 48 General Pediatricians on faculty, not counting Hospitalists. These issues have a significant impact on the ability to teach the next generation of Pediatricians and doctors in our own state.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY:
LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
- Articles in peer-reviewed journals: 27
- Books or book chapters published: 2
- Faculty who are members national study sections or committees: 9
- Journal editors or members of editorial boards: 4
- PIs on extramural grants: 5

TOTAL AMOUNT OF NIH FUNDING:
$3,404,254

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) - $2,843,368
- Ang II and Oxidative Stress 17,675
- Children’s Hospital School 367,325
- Interpregnancy Project of MS 45,809
- Twitch 87,432
- Bleeding Disorders Center 29,953
- Cardiac Case Management 68,000
- Asthma Case Management 53,200
- Diabetes Case Management 47,500
- Neurology/Epilepsy Case Management 57,000
- Cystic Fibrosis Social Services 47,500
- MSH: Newborn Transport Services 161,500
- Early Intervention Autism 66,500
- Infant Toddlers Early Intervention 57,000
- Postpartum HIV Infected Women 14,428
- Hemophilia Care Center 25,000
- Baby Hugs 458,428
- Blood Safety 148,550
- Ryan White 510,523
- Perinatal 361,259
- PFast Study 4,370
- Optimizing use of Bardozxolone 30,000
- Children’s Hospital Idea 12,855
- Cystic Fibrosis Center Grant 48,397
- ATHN Data Quality Counts 17,490
- Renal Ischemia/Reperfusion 95,674
- Mandated Reporter Training 10,000

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE):
- State funding for research positions: $ 225,347
- State funding for research supplies: 13,500
- Funding from clinical income: 310,000

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- Development of clinical research infrastructure including clinical trial budget negotiation, IRB preparation, research nurse support, and bio statistical support all remain significant challenges for clinical investigators.
- We have developed a program to encourage and support resident research. The Pediatric Resident-Mentor Research Program (PRMRP) was established in 2010. The program provides mentors for both clinical and bench research projects aimed at getting residents involved in research.
- Three NIH RO1 applications are presently under review signifying a significant amount of effort by individual faculty.

ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT
- education ≈680
- research ≈2840
- administrative ≈23270
- clinical ≈59620

LIST OF FACULTY IN EACH DIVISION

ADOLESCENT MEDICINE-601-984-2940
- Michelé Gains, M.D., Associate Professor
- Craig Flowers, M.D., Assistant Professor

ALLERGY/IMMUNOLOGY - 601-984-5249
- Anne B. Yates, M.D., Professor, Director
- Ray Rodriguez, M.D., Associate Professor
- Nina Dave, M.D., Assistant Professor
AMBULATORY PEDIATRICS - North Clinic - 601-815-5300
- Tami H. Brooks, M.D., Assistant Professor, Clinic Director
- Leo Chang, M.D., Assistant Professor
- Ruth Patterson, M.D., Assistant Professor
- Sara J. Weisenberger, M.D., Assistant Professor

AMBULATORY PEDIATRICS - South Clinic - 601-815-8010
- William H. Sorey, M.D., Professor, Ambulatory Director
- Elizabeth (Bri) May, M.D., Assistant Professor

AMBULATORY PEDIATRICS - Grants Ferry
- Jimmy Stewart, M.D., Associate Professor

CARDIOLOGY – 601-984-5250
- Charles H. Gaymes, M.D., Professor, Director
- J. Clinton Smith, M.D., Professor, Emeritus
- Makram Ebeid, M.D., Professor
- Jennifer Shores, M.D., Associate Professor
- James A. Joransen, M.D., Professor
- Avichal Aggarwal, M.D., Assistant Professor
- Cauveh Erami, M.D. Assistant Professor
- Ahmed Charaffeddine, M.D., Assistant Professor

CHILD DEVELOPMENT CLINIC – 601-984-5236
- Susan L. Buttross, M.D., Professor, Director
- Donald J. Raggio, Ph.D., Professor
- Twila W. Rawson, Ph.D., Associate Professor
- Cindy Field, MD, Assistant Professor
- Dorothy Scattone, Ph.D., Assistant Professor
- Monica Sutton, Ph.D., Assistant Professor

CHILD REHABILITATION CENTER – 601-984-2940
- Amanda Witt, M.D., Assistant Professor

CRITICAL CARE – 601-815-8173
- Frederick Barr, M.D., Chairman & Professor
- Elizabeth A. Christ, M.D. Associate Professor, Director
- Mary Taylor, M.D., Professor
- Najmul Salman, M.D., Associate Professor
- Craig Hallstrom, M.D., Associate Professor
- Reynaldo dela Rosa, M.D., Assistant Professor
- Kathryn Young, M.D., Assistant Professor
- Latasha McCaulley, M.D., Assistant Professor

EMERGENCY MEDICINE – 601-984-2195 or 601-984-2002
- Magolia A. Castilla, M.D., Associate Professor, Director
- Bonnie N. Woodall, M.D., Associate Professor
- Nancy G. Wahl, M.D., Associate Professor
- Taysir Abusaa, M.D., Associate Professor
- Catherine Faulk, M.D., Assistant Professor
- Richard Wayne, M.D., Professor

ENDOCRINOLOGY – 601-984-5216
- George W. Moll, Jr., M.D., Ph.D., Professor, Director
- Naznin M. Dixit, M.D., Professor
- Michael Torchinsky, M.D., Assistant Professor

FORENSIC MEDICINE – 601-815-0115
- Scott Benton, M.D., Associate Professor, Director

GASTROENTEROLOGY – 601-984-5232
- Paul H. Parker, M.D., Professor, Director
- Phyllis Bishop, M.D., Professor
- Michael Nowicki, M.D., Professor
- Hua Liu, Ph.D., Assistant Professor

GENERAL PEDIATRICS – 601-984-5200
- Jeffrey Crout, M.D., Associate Professor, Director
- Kim Paduda M.D., Assistant Professor
- Kathryn Schneider, M.D., Assistant Professor
- Ryan Nerland, M.D., Assistant Professor
- Lisa Didion, M.D., Assistant Professor
- Bob Eubanks, M.D., Instructor
- Marla Johnson, M.D., Instructor

GENETICS– 601-984-1900
- Georg Bock, M.D., PhD. Professor, Director
- Christopher Friedrich, M.D. Associate Professor
## Department of Pediatrics

- Omar Abdul-Rahman, M.D., Associate Professor
- Holly Zimmerman, M.S., Instructor

### HEMATOLOGY/ONCOLOGY – 601-984-5220
- Gail C. Megason, M.D., Professor, Director
- Rathi V. Iyer, M.D., Professor
- Betty Herrington, M.D., Associate Professor
- Mary Gail Smith, M.D., Assistant Professor
- Jeanette Pullen, M.D., Professor Emeritus
- Suvanker Majumdar, M.D. Assistant Professor
- Cathy Gordon, M.D., Assistant Professor
- Sharon McDonald, M.D., Assistant Professor
- Tobi Breland, MSN, Instructor
- Amy Forsythe, MSN, Instructor

### INFECTIOUS DISEASE – 601-984-5206
- April L. Palmer, M.D., Professor, Director
- Hannah Gay, M.D., Associate Professor
- Binford Nash, M.D., Assistant Professor
- Donna Windsor, Department Business Administrator
- Shanda Barrett, Manager Business Operations
- Ronda Ross, Administrative Assistant III
- Odessa Willis, Administrative Assistant III

### NEONATOLOGY – 601-984-5260
- Glen Graves, M.D., Professor, Interim Director
- Zhengwei Cai, Ph.D., Professor
- Abhay Bhatt, M.D., Associate Professor
- Yangzheng Feng, M.D., Associate Professor
- Mary Anne Kosek, M.D. Associate Professor
- Billy Mink, M.D., Assistant Professor
- Kelly Hersey, M.D., Assistant Professor
- Monica Aycock, MSN, Instructor
- Rebecca Russell, MSN, Instructor

### NEPHROLOGY – 601-984-5970
- Mehul P. Dixit, M.D., Professor, Director
- Radhakrishna Baliga, M.D. Professor
- Istvan Arany, Ph.D., Professor

### NEUROLOGY – 601-984-5210
- Collette C. Parker, M.D., Professor, Director
- Owen B. Evans, M.D., Professor
- V.V. Vedanarayanan, M.D., Professor
- Marcus Lee, M.D., Assistant Professor
- Lamar Davis, M.D., Assistant Professor
- Teresa Hill, BSN, Instructor

### PALLIATIVE MEDICINE - 601-815-8173
- W. Richard Boyte, M.D., Professor, Director
- Jacqueline Carrillo, N.P., Instructor

### PULMONARY – 601-984-5205
- Joseph Marc Majure, M.D., Professor
- John J. Donaldson, M.D., Professor
- Suzanne T. Miller, M.D., Associate Professor
- Rosalyn (Lynn) Walker, M.D., Associate Professor
- James R. Haltom, M.D., Assistant Professor

### RHEUMATOLOGY – 601-984-2944
- Linda I. Ray, M.D., Associate Professor, Director

### LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
- Omar Abdul-Rahman (chair)
- Marc Majure
- Michael Nowicki
- Jeffrey Crout
- Elizabeth Christ
- Betsy Herrington
- Kathryn Schneider

### NUMBER OF FACULTY HIRED (18)

### LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
- Donna Windsor, Department Business Administrator
- Shanda Barrett, Manager Business Operations
- Ronda Ross, Administrative Assistant III
- Breckyn Dunn, Administrative Assistant IV
- Odessa Willis, Administrative Assistant III
LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS
- Friends of Children’s Hospital- Enchanted Evening fundraiser
- Diabetes Foundation of Mississippi
- Friend’s of Children Hospital Miracle Home Project
- Friend’s of Children’s Hospital Golf Tournament
- Hal and Mal’s St Patty’s Day Parade

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS
- Established the Paul Parker Chair of Gastroenterology
- Completed the funding for the Eli Manning Clinics-2.5M
- Fully Funded the Suzan B Thames Chair for Pediatrics
- Funded the remodel of Schimmel’s restaurant for the relocation of the Child Development Clinic
- Worked with the legislature to get funding for the Children’s Justice Center thru ticket revenue.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- Development and Implementation of a Mentorship Program
- Revision of annual review process to be more goal-oriented and emphasize outcomes
- Initiated pre-review process for faculty considering applying for promotion or tenure which increased rates of success when departmental committee reviewed their applications from approximately 50% in 2011 to 100% for 2012.

- Established the pediatric quality board, spearheaded by Dr Phyllis Bishop to improve quality throughout the Department of Pediatrics and the Batson Children’s Hospital.
- The Department of Pediatrics has eight different outpatient locations, with over 61,500 outpatient visits and an annual growth of 2%
- The pediatric Emergency Department has over 36,000 ER visits each year with over 3400 admissions.
- The department has 21 outreach clinics throughout Mississippi.
- Over 4.5 million is raised annually in philanthropy with over 3 million directly for Children’s projects. Friend of Children’s Hospital raises another 1.5 million annually.

CLINICAL (for clinical departments only)

LIST THE NUMBER OF “Q AWARDS” RECEIVED - Dr. Rick Boyte

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:
- Mortality and patient safety index-
  % deaths observed- 0.19%, %
  deaths expected-0.37%, mortality
  index- 0.51%
- Risk adjusted length of stay-
  Length of stay observed- 3.71 days,
  length of stay expected-4.37 days,
  length of stay index -0.85
- Compliance with CMS core measures-no pediatric core measures applicable
- Patient satisfaction
  From 03/01/12-08/31/12 our total
category scores were as follows:
  Overall Assessment: 90.5

Access: 85.4
Moving Through your Visit: 80.6
Nurse/Assistant: 89.3
Care Provider: 91.7
Personal Issues: 88.8
Billing: 84.8

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?
No. There is a Children’s Hospital Quality Committee that has resident representation and participation.

FINANCIAL PERFORMANCE - LIST:
- Total charges: July 2011-May 2012- $47,955,432
- Total collections: July 2011-May 2012- $18,819,723
- Charges per RVU: July 2011-May 2012-$ 118.23
- Collections per RVU: $46.40

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Accomplishments:
- Have successfully recruited a large number of clinical faculty in the past 12 months
- Starting outreach clinics in multiple areas of the state

Challenges:
- Expanding clinical faculty short term
  and remaining financially viable
- Clinic operations need substantial
  restructuring, very inefficient
- Space remains a significant issue
  both in terms of quantity and loca-
  tion; the faculty are very spread out,
  need new consolidated facilities to
  deliver optimal patient care
- Planning and construction pro-
  cesses are not timely or coordinated.
EDUCATION
LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
Professional Education Committee (5 members)
• Dr. Robert Kramer (chair)
• Dr. Stanley Smith
• Dr. Jan M. Williams
• Dr. Jennifer Sasser
• Dr. George Booz

Graduate Program Committee (Admissions, Welfare, Curriculum)
• Dr. Michael Garrett (chair)
• Dr. George Booz
• Dr. Sean Didion
• Dr. Jian-Xiong Chen
• Dr. Jia-Long Zhuo
• Dr. Jan M. Williams

Medical Course Director
• Dr. Robert Kramer
• Associate Director
• Dr. Jennifer Sasser

Dental Course Director
• Dr. Stanley Smith
• Associate Director
• Dr. Jan M. Williams

Graduate Program Director
• Dr. Robert Kramer
• Associate Director
• Dr. Sean Didion

Seminar Program Director
• Dr. Sean Didion

Mechanism of Drug Action Course Director
• Dr. Jia-Long Zhuo

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
• ACGME-approved slots for learners – N/A
• ACGME accreditation status – N/A
• ACGME re-accreditation cycle length (in years) – N/A
• Board pass rate – N/A

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE – N/A

NUMBER OF GRADUATE STUDENTS – 14

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• We reviewed and revised the sequence of courses for the graduate program and completely revised the Mechanisms of Drug Action Course to be our primary advanced graduate course to prepare students for our qualifying exams.
• We also standardized the requirements for formation of graduate committees, mentoring and set new guidelines for the timely generation and approval of thesis proposals.
• In Medical education we continue to upgrade course content, slowly replacing faculty that are teaching in the course and adding clinical correlations.

RESEARCH
FACULTY SCHOLARLY PRODUCTIVITY:
LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
• Articles in peer-reviewed journals - 51
• Books or book chapters published - 0
• Faculty who are members national study sections or committees - 3
• Journal editors or members of editorial boards - 8
• PIs on extramural grants – 11

TOTAL AMOUNT OF NIH FUNDING - $3,651,456.00

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) - $1,276,424.00

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

ADMINISTRATIVE
LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)
15,369 sq ft for research, 5,185 sq ft for administrative

LIST OF FACULTY IN EACH DIVISION
Research
• Richard J. Roman
• Rodney Baker
• George Booz
Department of Pharmacology and Toxicology

- Jian-Xiong Chen
- Sean Didion
- Roy Duhe
- Jerry Farley
- Michael Garrett
- Robert Kramer
- Jeffrey Love
- Sydney Murphy
- Malikarjuna Pabbidi
- Robin Rockhold
- Jennifer Sasser
- Stanley Smith
- Jan M. Williams
- Jia-Long Zhuo

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
- Rodney Baker (chair)
- Robert Kramer
- Roy Duhe
- Jia-Long Zhuo
- Robin Rockhold

NUMBER OF FACULTY HIRED – 2

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
- Kevin Wilbert- Director of operations
- Pamela Banks- Administrative Assistance 4
- Stacia Bell-Finch- Administrative Assistance 2

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY) - None

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS - None

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Accomplishments
- Recruited 4 new faculty members, Drs. Didion, Sasser, Mo (Cancer institute) and Murphy.
- 11 faculty members join the department in the last 3 years and we retained 7 of the original 15 long standing members.
- Extramural funding from the NIH increased from 1.60 in 2011 to 3.65M in 2012. In addition we received 1.2 M in nonfederal grants from industry and the American Heart Association.
- Staffing rose from 32 to 57. Graduate students increased from 9 to 17, Postdocs from 2 to 6, Research Scientists from 3 to 5, Technicians for 1 to 4 along with a large increase in summer medical and Sure students. Administrative staff remains at 3, down from 5 in 2010.
- Revamped Graduate Program to reflect changes in the faculty
- Altered composition of departmental committees to shift leadership to the newly recruited faculty members.

Developments
- Dr. Garrett took over administration of the Institutional Genomics Core Facility from Dr. Sittman. He raised $300,000 to purchase new Microarray equipment and $100,000 to purchase a Next generation Sequencer. The facility is largely funded by an INBRE grant from the University of Southern Miss to serve all institutions in the state.

Challenges
- Research Space—The number of faculty and students has tripled and funding has increased 14 fold in the last 3 years. We have 2 open faculty slots and expect retirements and need to recruit additional faculty members. Additional research space is needed to be successful.
- Faculty salaries—Support for the Basic Science faculty has not been increased in years. We need to establish a plan to be able to adequately compensate and retain our most productive faculty.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
- John E. Hall, Ph.D., Director, Medical Physiology 611/701; Physiology Senior Elective 651
- Thomas Adair, Ph.D., Director, Dental Physiology 625/Fundamental Physiology 725
- Thomas Lohmeier, Ph.D., Program Director, Graduate Program in Physiology & Biophysics
- Michael Ryan, Ph.D., Assistant Program Director, Graduate Program in Physiology & Biophysics

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
- ACGME-approved slots for learners – N/A
- ACGME accreditation status – N/A
- ACGME re-accreditation cycle length (in years) – N/A
- Board pass rate – N/A

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE - N/A

NUMBER OF GRADUATE STUDENTS - 8 graduate students (4 MD/PhD; 2 PhD; 2 undeclared)

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
- We have been successful recruiting top quality graduate students.
- John Clemmer, graduate student, received the MCS Zweifach Graduate Student Award at the Experimental Biology Meeting held in San Diego, CA in April 2012.
- Several fellows received awards as listed below:
  o Dr. John Dubinion, Instructor, received the New Investigator Award at the American Heart Association Council for High Blood Pressure Research Meeting held in Orlando, FL in September 2011.
  o Dr. Eric George, Instructor, received the American Heart Association Council for High Blood Pressure Trainee Advocacy New Investigator Travel Award at the meeting held in Orlando, FL in September 2011.
  o Dr. Keisa Mathis, Instructor, received the NIDDK Minority Travel Fellowship Award at the Experimental Biology Meeting held in San Diego, CA in April 2012.
  o Dr. Keisa Mathis, Instructor, received the NIDDK Minority Travel Fellowship Award at the Experimental Biology Meeting held in San Diego, CA in April 2012.
  o Dr. Ana Palei, Postdoctoral Fellow, received the New Investigator Travel Award at the American Heart Association Council for High Blood Pressure Research Meeting held in Orlando, FL in September 2011.
- The M-1 Medical Physiology Course received high student ratings with an average of 4.23 (scale: 1 very bad - 5 outstanding).
- More than 95% of graduating medical students from UMMC taking the AAMC survey rated physiology as “good” or “excellent” when asked, “How well did your study of the following sciences basic to medicine prepare you for clinical clerkships and electives?”.
- Dr. Thomas Adair, Professor of Physiology & Biophysics, received the Carl G. Evers Teaching Award for Excellence in September 2011.
- Dr. Davis Manning, Professor Emeritus, is a member of the Carl G. Evers Society Hall of Fame due to continuous nomination for teaching excellence by students.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
- Articles in peer-reviewed journals - 90
- Books or book chapters published - 1
- Faculty who are members of national study sections or committees
Committees: 12 Faculty on 52 committees
NIH Study Sections: 1 Faculty
• Journal editors or members of editorial boards
  Journal editors/Associate editors: 10 faculty
  Editorial Boards: 12 faculty on 40 editorial boards and 20 different journals
• PIs on extramural grants – 21 faculty

TOTAL EXTRAMURAL RESEARCH FUNDING-$6,739,156

TOTAL AMOUNT OF NIH FUNDING - $5,849,583

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) - $889,573
• American Heart Association $270,432
• National Science Foundation $375,939
• St. Jude Medical $93,692
• Canadian Institutes of Health $50,000
• Juvenile Diabetes Research Foundation $51,004
• Society of Women’s Health Research $45,000
• Health Aging Nutrition, LLC $3,506

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)
UMMC-Intramural Research Support Program (IRSP) $60,000

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Several members of the department received research recognition awards as listed below:
• Dr. Alejandro Chade, Associate Professor, received the Harry Goldblatt New Investigator Award at the American Heart Association Council for High Blood Pressure Research Meeting held in Orlando, FL in September 2011.
• Dr. Alejandro Chade, Associate Professor, received the UMMC Excellence in Research Award in October 2011.
• John Clemmer, graduate student, received the MCS Zweifach Graduate Student Award at the Experimental Biology Meeting held in San Diego, CA in April 2012.
• Dr. Jussara doCarmo, Assistant Professor, was a finalist for the Harry Goldblatt New Investigator Award at the American Heart Association Council for High Blood Pressure Research Meeting held in Orlando, FL in September 2011.
• Dr. John Dubinion, Instructor, received the New Investigator Award at the American Heart Association Council for High Blood Pressure Research Meeting held in Orlando, FL in September 2011.
• Dr. Eric George, Instructor, received the American Heart Association Council for High Blood Pressure Trainee Advocacy New Investigator Travel Award at the meeting held in Orlando, FL in September 2011.
• Dr. Joey Granger, Professor, received the Distinguished Achievement Award at the American Heart Association Council for High Blood Pressure Research Meeting held in Orlando, FL in September 2011.
• Dr. Keisa Mathis, Instructor, received the NIDDK Minority Travel Fellowship Award at the Experimental Biology Meeting held in San Diego, CA in April 2012.
• Dr. Keisa Mathis, Instructor, received the Postdoctoral Travel and Research Recognition Award Finalist Water and Electrolyte Section at the Experimental Biology Meeting held in San Diego, CA in April 2012.
• Dr. Ana Palei, Postdoctoral Fellow, received the Caroline tum Suden/Hellebrandt Professional Opportunity Award at the Experimental Biology Meeting held in San Diego, CA in April 2012.
• Dr. Jane Reckelhoff, Professor, received the Louis K. Dahl Award at the American Heart Association Council for High Blood Pressure Research Meeting held in Orlando, FL in September 2011.
• Dr. Jane Reckelhoff, Professor, received the Louis K. Dahl Award at the American Heart Association Council for High Blood Pressure Research Meeting held in Orlando, FL in September 2011.

57
Competition continues to increase for funding from the National Institutes of Health. With more than 67% of departmental salaries coming from grant funding, it is important that we become more diverse in our research approaches. In addition, more translational research must be incorporated into our research program.

**Administrative**

**List the total number of square feet assigned to your department in each area of this report (education, research, administrative, clinical)**
- Education 1,367.80
- Research 25,536.90
- Administrative 2,317.60

**List of faculty in each division**

**Professors**
- Thomas Adair, Ph.D.
- Joey Granger, Ph.D.
- John Hall, Ph.D.
- Robert Hester, Ph.D.
- Thomas Lohmeier, Ph.D.
- Jane Reckelhoff, Ph.D.
- James Wilson, M.D.

**Associate Professors**
- Barbara Alexander, Ph.D.
- Alejandro Chade, M.D.
- Heather Drummond, Ph.D.
- Ruisheng Liu, M.D., Ph.D.
- Christine Maric, Ph.D.
- Michael Ryan, Ph.D.
- David Stec, Ph.D.

**Assistant Professors**
- Alexandre daSilva, Ph.D.
- Jussara do Carmo, Ph.D.
- Jian-Wei Gu, M.D.

**Instructors**
- John Dubinion, Ph.D.
- Yiling Fu, M.D.
- Eric George, Ph.D.
- Shereen Hamza, Ph.D.
- Michaele Manigrasso, Ph.D.
- Keisa Mathis, Ph.D.
- Mohadetheh Moulana, Ph.D.
- Lusha Xiang, M.D.

**Professor Emeritus**
- Thomas Coleman, Ph.D.
- Terry Dwyer, M.D., Ph.D.
- Davis Manning, Ph.D.
- David Young, Ph.D.

**List members of your departmental promotions and tenure committee**
- Thomas Lohmeier, Chair
- Thomas Adair
- Joey Granger
- Robert Hester
- Davis Manning
- Jane Reckelhoff

**Number of faculty hired**
- 3 Postdoctoral Fellows were promoted to Instructor

**List your chair’s office administrative team, with titles**
- Stephanie Lucas, Director of Operations
- Kary Sims, Supervisor of Business Operations
- Gerry McAlpin, Project Manager

- Courtney Graham, Administrative Assistant IV
- Ivadelle Heidke, Administrative Assistant II (part-time ≤ 50%)

**List your top five departmental volunteer service projects (e.g. habitat for humanity)**
- American Heart Association Heart Walk
- UMMC/Mississippi Blood Services Blood Drive
- National and International Service by members of the department:
  - 10 faculty serve as journal editors/associate editors
  - 12 faculty serve on 40 Editorial Boards and 20 different journals
  - 14 faculty serve on 61 UMMC committees
  - 12 faculty serve on 52 committees of national and international organizations
  - 1 faculty served on an NIH study sections
  - Faculty serve on multiple NIH, NASA, AHA grant review panels
  - Leadership in several societies: American Physiological Society, American Heart Association–Council for High Blood Pressure Research, Inter-American Society of Hypertension, International Society of Hypertension, Microcirculatory Society, etc.

**List your top five major development (fundraising) accomplishments**
- $100,000 has been raised during 2011-2012 for the Mississippi Center for Obesity Research.
ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

New faculty need to be recruited to fill research expertise gaps (cardiac physiology and neurophysiology), gaps in teaching expertise (neurophysiology), and to fill the positions vacated by faculty who have retired. We have recruited an expert in heart failure research who has accepted a faculty position effective January 2013.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM

Psychiatry Residency Training
- Allen Richert, M.D., Vice Chair of Education and Program Director, Psychiatry Residency Program
- Joy Houston, M.D., Associate Program Director, Psychiatry Residency Program
- Faiza Qureshi, M.D., Program Director, Child Psychiatry Fellowship Program
- Jawad Riaz, M.D., Program Director, Sleep Medicine Fellowship Program
- Carol Porter, Education Administrator, Allen Richert, M.D., Vice Chair

Medical Student Education
- Maxie Gordon, M.D., Director of Medical Student Education
- Jon C. Jackson, M.D., Clerkship Director
- Barbara Daniels, Education Administrator

Psychology Residency and Fellowship Training
- T. David Elkin, Ph.D., Training Consortium Director, Psychology Residency and Fellowship Training Consortium
- Julie Schumacher, Ph.D., Assistant Training Consortium Director, Psychology Residency and Fellowship Training Consortium
- Jeanne Gabriele, Ph.D., Assistant Training Consortium Director, Psychology Residency and Fellowship Training Consortium
- Veronica McDuffey-Taylor, MHSA, Administrative III to Training Consortium Director, T. David Elkin, Ph.D.

Graduate Program in Neuroscience
- Ian Paul, Ph.D., Program Director
- Linda Labier, Education Coordinator

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

- ACGME approved slots for learners
  - Psychiatry Residency Training Program 22
  - Child Psychiatry Fellowship Program 4
  - Sleep Medicine Fellowship Program 1

- ACGME accreditation status
  - Psychiatry Residency Program: Continued Accreditation
  - Child Psychiatry Fellowship Program: Continued Accreditation
  - Sleep Medicine Fellowship Program: Continued Accreditation

- ACGME re-accreditation cycle length (in years)
  - Psychiatry Residency Program: 4 years
  - Child Psychiatry Fellowship Program: 3 years
  - Sleep Medicine Fellowship Program: 4 years

- Board Pass Rate
  - Psychiatry Residency Program: 100%
  - Child Psychiatry Fellowship Program: 100%
  - Sleep Medicine Fellowship Program: 100%

- ACGME Resident Survey Overall Program Score
  - Psychiatry Residency Program: 80%
  - Child Psychiatry Fellowship Program: 100%
  - Sleep Medicine Fellowship Program: N/A

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:

- Articles in peer-reviewed journals - 86
- Books or book chapters published - N/A
- Faculty who are members national study sections or committees - N/A
- Journal editors or members of editorial boards - N/A
- PIs on extramural grants - 12

TOTAL AMOUNT OF NIH FUNDING - $3,203,388 Direct + $1,423,337 IDC = $4,626,725 Total

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) $252,164 Direct + $259,860 Total

- The State University of New York - $10,024 Direct + $4,812 IDC = $14,836 Total
- Veteran’s Administration - $19,849 Direct + $9,528 IDC = Total $29,377
- American Foundation for Suicide Prevention = $14,660 Total (no IDC funding)
- Simon Fraser University - $62,392 Total (no IDC funding)
- Delta Health Alliance - $145,239 Direct + $33,356 IDC = $178,595 Total

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE) - N/A
Department of Psychiatry and Human Behavior

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT – N/A

ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL) – 37,800 sq ft

LIST OF FACULTY IN EACH DIVISION

Psychiatry Adult
• Jeffery Ali, MD
• Susan Anand, MA
• Lindsay Avent, MSM
• Alp Baran, MD
• Shambhavi Chandraiah, MD
• Gregory Gordon, MD
• Maxie Gordon, MD
• Garland Holloman, MD
• Lillian Houston, MD
• Jon Corey Jackson, MD
• Grayson S. Norquist, MD
• John Norton, MD
• Shashidhar Shettar, MD
• Jasmine Taylor, MD

Psychiatry Child & Adolescent
• Dirk Dhossche, MD
• Gloria Hardin, MSM
• Kerry Kokaisel, BSN
• John Pruett, MD
• Faiza Qureshi, MD

Sleep Disorders
• Jaward Riaz, MD
• Allen Richert, MD
• Howard Roffwarg, MD

Psychology
• Courtney Bagge, PhD
• Scott Coffey, PhD
• David Elkin, PhD
• Kimberly Gratz, PhD
• Leilani Greening, PhD
• Judith O’Jile, PhD
• Donald Penzien, PhD
• Julie Schumacher-Coffey, PhD
• Matthew Tull, PhD
• Andres Viana, PhD

Neurobiology & Behavior Research
• Kevin Freeman, PhD
• Xiu Liu, PhD
• Dorota Maciag, PhD
• Jose Miguelhidalgo, PhD
• Xiaoming Ou, PhD
• Ian Paul, PhD
• Grazyna Rajokowska, PhD
• James Shaffery, PhD
• Craig Stockmeier, PhD
• William Woolverton, PhD

VA Faculty
• John Beddingfield, MD
• Ted Bennett, PhD
• James Brister, MD
• Nancy Bryant, MD
• Randy Burke, PhD
• Molly Clark, PhD
• Kevin Connolly, PhD
• Amee Epler, PhD
• Jeanne Gabriele, PhD
• Patricia Dubbert, PhD
• Mark Ladner, MD
• Janet Lazier, MD
• Rajeev L. Panguluri, MD
• Jefferson D. Parker, PhD
• Roy Reeves, DO
• Michael Ritter, PhD

Affiliated Faculty
• Patricia Ainsworth, MD
• Namita Khanna Arora, MD
• Bimal Deep Aujla, MD
• Pedro Munero Cordoba, MD
• Brian Crabtree, MD
• Edgar Draper, MD
• Deborah Gross, MD
• Donald Guild, MD
• Kathryn Hahn, PhD
• James W. Irby, PhD
• Sudhakar Madakasira, MD
• Robert Maddox, MD
• Naila Mamoon, PhD
• John Montgomery, MD
• Gerald C. O’Brien, PhD
• Alexandria Polles, MD
• Michael Rack, MD
• Benjamin Allen Root, MD
• Philip Louis Scurria, MD
• Margaret E. Tidd, MD
• Paula Trzepacz, MD
• Cynthia Undesser, MD
• William Mark Valverde, MD
• Chad Vickery, PhD
• Lydia E. Weisser, DO
• John E. Wilkaitis, MD

Adjunct Faculty
• Ruth Black, EdD
• Susan Buttross, MD
• Rick C. S. Lin, PhD
• Warren, May, PhD
• Dorothy Scattone, PhD
• Kimberly Simpson, PhD
• Patrick Smith, PhD
• Junming Wang, PhD
LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
• Jeffery Ali, MD
• Scott Coffey, PhD
• Dirk Dhossche, MD
• Jefferson Parker, PhD (VA Affiliate Faculty)
• Allen Richert, MD
• Howard Roffwarg, MD
• Craig Stockmeier, MD
• William Woolverton, MD

NUMBER OF FACULTY HIRED – 3

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
• Donna Emidy – Department Business Administrator
• Bettie Butler – Supervisor of Business Operations
• Mary Schow – Accountant II

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)
• Diabetes Foundation of Mississippi - Mississippi Walk for Diabetes
• American Heart Association - Heart Walk

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS – N/A

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
The Department of Psychiatry and Human Behavior initiated the organization of the Graduate Program in Neuroscience in 2007. The Program in Neuroscience (PIN - http://neuroscience.umc.edu/) is an interdepartmental collaborative Ph.D. training program that includes 42 faculty members from 15 departments across the UMMC campus.

CLINICAL
(for clinical departments only)

LIST THE NUMBER OF “Q AWARDS” RECEIVED – N/A

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST: - N/A
• Mortality and patient safety index
• Risk adjusted length of stay
• Compliance with CMS core measures
• Patient satisfaction

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?
Department of Psychiatry has instituted a resident quality committee.

FINANCIAL PERFORMANCE - LIST:
• Total charges - $5,064,636.00
• Total collections - $2,632,451.00
• Collections per RVU - Note: wRVU values reported by system are skewed since no value is associated with contractual services, therefore wRVU values are not given.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• The Department of Psychiatry and Human Behavior program, Telepsychiatry established full operational status in January 2009 to improve mental health services via satellite to remote areas in the Mississippi Delta. The project goals were to reduce disparities in mental health treatment for those living in the rural Delta region and improve the quality of services delivered to those seeking mental health centers in the Delta.
• The Psychiatry and Human Behavior Sleep Disorders Center provides comprehensive diagnostic evaluation of persons with suspected sleep disorders and the full range of treatments available to reverse or improve diagnosed sleep disorders. The center has the longest-standing accreditation in Mississippi by the American Academy of Sleep Medicine (AASM).
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)
• Srinivasan Vijayakumar, Program Director, Radiation Oncology Residency Program
• Chunli “Claus” Yang, Program Director, Radiation Oncology Physics Residency Program.

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:
• ACGME-approved slots for learners - 4
• ACGME accreditation status – Initial Accreditation
• ACGME re-accreditation cycle length (in years) – 4 years
• Board pass rate – 100%

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE – Not available due to number of residents in program

NUMBER OF GRADUATE STUDENTS – 2

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT – The major accomplishments for the department this fiscal year was the implementation of the Radiation Oncology and Physics Residency Programs. As well as graduating the first Radiation Oncology Resident.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
• Articles in peer-reviewed journals - 6
• Books or book chapters published – N/A
• Faculty who are members national study sections or committees – N/A
• Journal editors or members of editorial boards – N/A
• PIs on extramural grants – N/A

TOTAL AMOUNT OF NIH FUNDING – N/A

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) – N/A

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE) – N/A

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• Fully staffed department: We have over the past five years stabilized the department and taken it to a higher level of care in terms of technology, sophistication, QA, QI, and safety
• Fully accredited residency: we had a very successful site visit; we are accredited for a four year cycle; the residency was started only two years ago; we have two UMMC trained MD-PhD residents in the program
• Integration of the Veterans Administration Hospital department

• Recruitment of a senior faculty who is acting as the Vice Chair for VA affairs in the department
• Starting of the UMMC Hospital department that treats inpatients and pediatric patients: this has improved safety, patient satisfaction and saving of cost [from not needing to transport patients from UMMC to the JMM costing almost $900 each way.
• Financial stabilization and much improved profit making
• One of the remaining challenges is improving on the research
• Another challenge: improving the census; letting the ‘world’ know that the best radiotherapy-care in Mississippi is being given at UMMC – we need a robust marketing plan
• Need to resolve the Gamma Knife accessibility

ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL) - 33,612 sq. ft.

LIST OF FACULTY IN EACH DIVISION
Physician Faculty
• Dr. Srinivassan Vijayakumar, Professor/Chair/Medical Director/Deputy Director-Cancer Institute
• Dr. Shankar Giri, Professor/Vice-Chairman for VA Affairs
• Dr. Satyaseelan Packianathan, Assistant Professor/Clinical Director-Jackson Medical Mall
Department of Radiation Oncology

- Dr. Robert Allbright, Assistant Professor
- Dr. Sophy Mangana, Assistant Professor
- Dr. Chunli Yang, Associate Professor/Chief of Physics
- Dr. Paul Mobit, Associate Professor
- Dr. Priyadarshini Rajaguru, Assistant Professor
- Ms. Rui He, Instructor

**Non-Physician Clinical Faculty**
- William C. Woods, Instructor

**LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE**
To be established

**NUMBER OF FACULTY HIRED** – 2

**LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES**
- Terrence M. Shirley, MPH, Administrator
- Alice P. Lee, Director of Business Operations
- Hope Kennedy Burton, Assistant to the Chairman/Business Operations Supervisor
- Judith Quick, Residency Program Coordinator

**LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)**
- Radiation Oncology’s Breast Cancer Awareness Day at Jackson Medical Mall and University Hospital
- Hope House Project for Cancer Patients
- Jingle Bell Jog for Batson

**LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS**
The Department of Radiation Oncology took on two major fundraising accomplishments in 2012: At Thanksgiving we did a food and clothing drive and we gave monetary funds for the Hope House, Gateway Rescue Mission and Stewpot. Also during the holidays, Radiation Oncology adopted a pediatric cancer patient’s family and provided food, clothing, toys and money in order for them to have a merry Christmas.

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT**
The department has been able to maintain a stable administrative staff bringing continuity to the department. The administrative team was an integral part of the successful accreditation of the residency program.

**CLINICAL**
(for clinical departments only)

**LIST THE NUMBER OF “Q AWARDS” RECEIVED**
- 0

**FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:**
- Mortality and patient safety index – in progress
- Risk adjusted length of stay – N/A

**HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE?**
- In progress

**FINANCIAL PERFORMANCE - LIST:**
- Total charges - $4,564,968.00
- Total collections - $1,242,101.79
- Charges per RVU - $190.02
- Collections per RVU - $51.70

**ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT**
- Met projected budget. Commissioned Volumetric Arc Therapy (VMAT) on all Linear Accelerators and additional disease sites. Successful transition to EPIC (ongoing).
- Successful recruitment filling all vacant physician and physicists vacancies.

**CHALLENGES**
- Challenges were maintaining coverage at two physical locations with the departure of physician and physics vacancies.
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

- Anson L. Thaggard, MD, Radiology Residency Program Director
- Ramesh Patel, MD, Associate Program Director

Education Directors for each section:

- Cyrillo Araujo, MD – Ultrasound
- Frederico Souza, MD – Cardiothoracic
- Bhavika Dave, MD – Interventional
- Razvan Buciuc, MD (2011-2012)
- Majid Khan, MD (current) – Neuro
- Daniel Hankins, MD – Musculoskeletal Radiology
- Vani Vijayakumar, MD – Nuclear Medicine
- Sunit Sebastian, MD – Abdominal GI/GU
- Erick Blaudeau, MD – Emergency Radiology
- Henry Giles, MD – Pediatric Radiology
- Jennifer Johnson, MD – Breast Imaging
- Judy James, Ph.D. – Physics

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE
ACGME Survey: 40% positive evaluation of program; 60% very positive evaluation of program
Zero Accredited Fellowships

NUMBER OF GRADUATE STUDENTS – 5

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Radiology faculty continue to expand their role in teaching classes to the M1 Students in Gross Anatomy and the M2 students in Pathology; Radiology electives are now offered for both M3 and M4 students to continue to be popular.; 3 Medical Students have received RSNA research grants under the leadership of Andrew Smith; Radiology Residents continue to perform exceedingly well on the InService exam. During the last testing cycle, 5 residents scored greater than 90th percentile.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY: LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:

- Articles in peer-reviewed journals - 134
- Books or book chapters published - 5
- Faculty who are members national study sections or committees - 11
- Journal editors or members of editorial boards - 4
- PIs on extramural grants – James, Judy – 1

TOTAL AMOUNT OF NIH FUNDING
- $882,094

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS) - $228,900

Acumed - $26,200
Intramural (Non-Invasive Mapping) - $30,000
Intramural (Survival in Metastic Disease) - $30,000
ACR - $6,100
Scripps - $1,600
Pfizer - $123,000

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)

- Novel Neuroimaging Markers for Skeletal Muscle Diseases
- Non-invasive Mapping of the Structural and Functional Development of a Fetal Brain In-utero using 3D Magnetic Resonance Diffusion Tactography
- An MR evaluation of Metal braces induced artifact in an MR environment
- Fiber Tactography in Capsular Stroke Affected Brain to Predict Immediate Neurological Functional outcome
- Quantitative and Qualitative Evaluation of MR Artifacts on an ACR Phantom using Routine Clinical Cardiac Sequences
- Characterization of Focal Liver Lesions with Diffusion Weighted MRI
- Diffusion Tensor Imaging in Neuro-myalitis Optica of Spinal Cord
- Development, Validation and Optimization of Diffusion-weighted and diffusion tensor MRI for Muscular-skeletal disorders on 1.5T
- Validation and Optimization of Diffusion MR sequences for Evaluating...
Rat Brain Tumors – Before and After Therapy on 1.5T
• MR imaging of Neuro-axis with 3T Skyra
• MRI Fetal Biometry

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
The Division of Radiology Research conducts research utilizing new and advanced computer programming, advanced image processing tools, 3D imaging, standard and 3T MRI, single energy and dual source energy CT, ultrasound, and PET CT. We actively collaborate with the Jackson Heart Study and work closely with the MIND Center on the ARIC study. We collaborate with other institutions on multiple projects, many of which were initiated and run through UMMC. We participate in several national cooperative groups for oncologic studies (ECOG-ACRIN, SWOG, CALGB, GOG, etc.) and for cardiac studies. We support studies from other investigators across our institution, and we actively collaborate with industry on multiple projects. We support the development of new clinical trials and novel ideas and patents from our investigators. Our Advanced Imaging Core Laboratory offers basic and advanced image interpretation and data management for industry, private or federally funded studies.

 ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL)
3,225.00 square feet

LIST OF FACULTY IN EACH DIVISION
• Mohammad Ali, Vascular-Interventional
• Cyrillo Araujo, Body Imaging
• Erick Blaudeau, ER Radiology
• Bernard Blumenthal, Pediatrics
• Philip Cranston, Body Imaging
• Bhavika Dave, Vascular-Interventional
• Michael Doherty, Body Imaging
• Patrick Farley, Neuro Radiology
• John (Jay) Faust, ER Radiology
• Maxime Freire, MSK
• Henry Giles, Pediatrics
• Angela Graeber, Body CT
• Edward Green, Nuclear Medicine
• Daniel Hankins, MSK
• Kathleen Hardin, Breast Imaging
• Robert Harrison, General Rad/Emergency Radiology
• Jennifer Johnson, Breast Imaging
• Majid Khan, Neuro Radiology
• Eric Kline, Vascular – Interventional
• Monica Koplas, MSK
• Timothy McCowan, Vascular – Interventional
• Kristen Miller, Cardiothoracic
• Todd Nichols, Neuro Radiology
• Akash Patel, Vascular – Interventional
• Ramesh Patel, Abdominal Imaging
• Chris Reed, ER Radiology
• Andrew Rivard, Cardiothoracic
• Manohar Roda, Body Imaging
• Bruce Schlakman, Neuro Radiology
• Sunit Sebastian, Body Imaging
• Andrew Smith, Research/Body Imaging
• Frederico Souza, Body imaging
• Michael Steiner, Pediatrics
• Ansh Thaggard, Nuclear Medicine
• Vani Vijayakumar, Nuclear Medicine
• Kenneth Weiss, Neuro/Research
• Judy James. Research
• Judd Storrs, Research

LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
• Ramesh Patel – Chairman
• Michael Doherty
• Vani Vijayakumar
• Majid Khan
• Henry Giles
• Andrew Smith

NUMBER OF FACULTY HIRED – 5 new physicians have joined our department
• Christophor Reed – 2011
• Edward Patrick Farley – 2011
• Kathleen Hardin – 2012
• Kenneth Weiss – 2012
• Michael Steiner – 2012

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
• Cheryl Williams, Department Business Administrator
• Judy Gunn, Manager, Business Operations
• Corinna Carver, Administrator IV
• Beth Edmonds, Education Administrator
• Renea Hays, Desktop Publisher
• Jennifer McGary, Administrator III
• Anna Williams, Medical Assistant
LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.g. HABITAT FOR HUMANITY) – N/A

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS – N/A

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

CLINICAL
(for clinical departments only)

LIST THE NUMBER OF “Q AWARDS” RECEIVED - N/A

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:
• Mortality and patient safety index - see information below
• Risk adjusted length of stay - see information below
• Compliance with CMS core measures - see information below
• Patient satisfaction - see information below
There have been several meetings in reference to scorecards and hopefully they will be implemented this academic year. The proposed topics for the report card and the Core Competency that they represent are as follows:
  o Medical knowledge – Teaching Evaluations
  o Patient care – RADPEER (Peer review of Radiology cases)
  o Professionalism – Attendance at staff meeting/noon conference and RVU’s (Clinical production)
  o Communication – Report turn around time
  o Practice based learning – continued medical education (CME) and PQI project
  o System based practice – Health-stream completion on time

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE? N/A

FINANCIAL PERFORMANCE - LIST: -
• Total charges - $41,546,521.00
• Total collections - $9,977,105.00
• Charges per RVU – 183,971
• Collections per RVU – Avg-$53.37

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
• Supply considerable imaging support to a wide variety of services including the cancer center and new stroke center
• Unique fetal MR imaging
• Advanced Cardiac imaging
• Advanced percutaneous tumor ablations and embolizations in IR
• 24/7 ER coverage
• On site radiology support at Pavilion, Select, Grants Ferry, Medical Mall
• Provide uncompensated (no RVU) imaging support for 8-9 tumor boards that take 0.7 or so FTE/week
EDUCATION

LIST EDUCATION LEADERSHIP ROLES AND WHO FILLS THEM (E.G., PROGRAM DIRECTOR)

- Vice Chair of Surgical Education – Walter Merrill, MD – until 4/12
- Vice Chair of Surgical Education – Curtis Tribble, MD – beginning 4/12
- Surgical Clerkship Director – David Sawaya, MD
- Associate Clerkship Director – Laura Vick, MD
- Plastic Surgery – Ricky Clay, MD – Program Director
- Hand Surgery – Phillip Blevins, MD – Program Director
- Cardiothoracic Surgery – Giorgio Aru, MD – Program Director
- Vascular and Endovascular Surgery – Fred Rushton, MD – Program Director
- Urology – Charles Pound, MD – Program Director
- Pediatric Surgery – Christopher Blewett – Program Director
- General Surgery – Thomas Helling, MD – Program Director
- General Surgery – Sharla Gayle Patterson, MD – Associate Program Director
- General Surgery – Ken Vick, MD – Sim Lab Director

LIST RESIDENCY AND FELLOWSHIP PROGRAMS WITH THE FOLLOWING FOR EACH:

- ACGME-approved slots for learners
  o General Surgery – 33
  o Urology – 8
  o Cardiothoracic Surgery – 1
  o Plastic Surgery – 2, Hand Surgery – 1
  o Vascular and Endovascular Surgery – 1 (fellowship program)
- ACGME accreditation status
  o General Surgery – Continued Accreditation
  o Urology – Continued Accreditation
  o Cardiothoracic – Continued Accreditation
  o Plastic Surgery – Continued Accreditation
  o Hand Surgery – Continued Accreditation
  o Vascular and Endovascular Surgery – Continued Accreditation
  o Pediatric Surgery – Initial Accreditation effective date 07/01/2012
  o ACGME re-accreditation cycle length (in years)
    o General Surgery – 4 years
    o Urology – 4 years
    o Cardiothoracic Surgery – 2 years
    o Plastic Surgery – 5 years
    o Hand Surgery – 5 years
    o Vascular and Endovascular Surgery – 3 years
    o Pediatric Surgery – 3 years
  o Board pass rate
    o General Surgery – 73%
    o Urology – Part 1 is 100%, Part 2 for Certifying is 90%
    o Cardiothoracic Surgery – 86.84%
    o Plastic and Hand Surgery – No residents graduated in 2011 (program extended to 5 years)
    o Vascular and Endovascular Surgery – New Program
    o Pediatric Surgery – New Program

ACGME RESIDENT SURVEY OVERALL PROGRAM SCORE –

- General Surgery - 91%
- Urology – 88%
- Plastic Surgery – 93%

NUMBER OF GRADUATE STUDENTS - 0

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT

Urology -

- Dr. Ashley Baker was nominated to serve on the Resident Council.
- Dr. Rachel Baublet was nominated to serve on the RRSC.
- Dr. Ashley Baker was nominated to represent the University of Mississippi Medical Center on the Board of Directors Resident Committee for the Southeastern Section of American Urological Association (SESAUA).
- Dr. Shubham Gupta won an award for submitting an abstract into the Society for Urodynamics and Female Urology.
- Dr. Shubham Gupta was nominated to participate in the 1st Annual AUA National Resident Bowl for the Southeastern Section. The group Dr. Gupta was in won 2nd place.
- Dr. Christopher Bean, PGY 5, chief resident was awarded the Medical Assurance Company of Mississippi, Board of Directors Robert S. Caldwell Memorial Award.
- Dr. Mitchell Ogles, PGY 5, chief resident won the James D. Hardy Lectureship resident presentation – making it the fifth year in a row that a resident from Urology has tied or won this great honor.

Cardiothoracic Surgery -

- Even though there is a decrease in residents who interview for Cardiothoracic Surgery, we feel it is a great accomplishment to have matched a
resident in the program for the past three interview seasons.
• Out of the ~70 applicants in ERAS last spring, we received applications from 13 of these residents and interviewed 11 of them.
• Our program was the only one that matched any CT residents in MS, TN, AL, LA, and AR
• We added a General Thoracic Surgeon, Dr. Pierre de Delva.

Pediatric Surgery -
• The most significant educational accomplishment of the division during the past academic year was the attaining of accreditation for the pediatric surgery residency program. This notification from the ACGME marked the culmination of 18 months of effort toward this goal. Our first fellow, Dr. Tamarah Westmoreland, joined us in July of 2011, and will finish as our first trainee in June, 2013.

RESEARCH

FACULTY SCHOLARLY PRODUCTIVITY:
LIST THE TOTAL NUMBER FOR YOUR DEPARTMENT OF:
• Articles in peer-reviewed journals
  o Pediatric Surgery – 3
  o General Surgery – 15
  o Transplant Surgery – 7
  o Pediatric And Congenital Heart Surgery – 7
  o Urology – 2
  o Cardiothoracic Surgery – 5
  o Vascular and Endovascular Surgery – 4
  o Plastic And Hand Surgery – 2
  o Trauma – 18
• Books or book chapters published
  o General Surgery – 3
  o Transplant Surgery – 4
  o Pediatric and Congenital Heart Surgery – 3
  o Cardiothoracic Surgery – 1
• Faculty who are members national study sections or committees
  o General Surgery – 4
  o Transplant Surgery 1
  o Pediatric And Congenital Heart Surgery – 2
  o Urology – 3
  o Cardiothoracic Surgery – 4
  o Trauma – 5
  o Vascular and Endovascular Surgery- 1
• Journal editors or members of editorial boards
  o General Surgery – 3
  o Pediatric and Congenital Heart Surgery – 2
  o Cardiothoracic Surgery – 2
• PIs on extramural grants
  o Transplant Surgery – 1

TOTAL AMOUNT OF NIH FUNDING
• Transplant Surgery - $411,125.00
• Pediatric Surgery – $1,848,728.04

TOTAL AMOUNT OF OTHER EXTERNAL FUNDING (LIST THE MAJOR SOURCES AND AMOUNTS)
Urology -
• We have ongoing clinical trials at UMC and at the VA in which Dr. Pound is the PI and are funded through the cooperative group administering the trial.

CALGB 90203: A randomized phase III study of neo-adjuvant docetaxel and androgen deprivation prior to radical prostatectomy versus immediate radical prostatectomy inpatients with high-risk clinically localized prostate cancer (UMC)
• E3805: CHAARTED: Chemohormonal therapy versus androgen ablation randomized trial for extensive disease in prostate cancer (UMC)
• VACSP 553: Chemotherapy after Radical Prostatectomy for High Risk Prostate Cancer, A Phase III Randomized Study

Vascular and Endovascular Surgery
• Atheromed is funding the clinical trial, not sure of the amount

LIST RESEARCH THAT IS NOT FUNDED BY GRANTS, WITH FUNDING SOURCE FOR EACH (STATE OR CLINICAL REVENUE)
Transplant Surgery -
• (Disparities in Kidney Transplantation, PI Anderson, Departmental/Divisonal Funds)
Cardiothoracic Surgery –
• Esophageal surgery in a small volume hospital with total resident participation: 15 year experience.
• Scrubbing, prepping and draping in the operating room: techniques and pitfalls. Video

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
General Surgery -
• Maintain Breast Cancer Program through the Cancer Institute
Department of Surgery

- Investigate feasibility of Bariatric Surgery Program
- Cooperate and Collaborate in Hepato-Pancreato-Biliary Center of Excellence
  - (with Division of Transplantation)
- Market and promote availability and expertise in foregut GI surgery
- Market and promote availability and expertise in general surgery

Pediatric and Congenital Heart Surgery -
- Children's Heart Center Formed

Urology -
- Although active in the clinical trial setting, our division would benefit from more involvement in the area of basic science research. We are beginning collaboration with Dr. Christian Gomez in the Cancer Institute and have initiated preliminary efforts to work with him in the area of molecular prostate cancer research. During this period we have also begun preservation of malignant tissues in the UMC tumor bank to aid in future studies. These efforts have been in collaboration with Dr. A Brown in Pathology.
- Dr. Pound has been appointed to serve a Co-Chair of the team assigned to lead in effort to develop an annual review course for the AUA Recertification Examination.

Vascular and Endovascular Surgery -
- Dr. Sumona Smith and Dr. Zachary Baldwin have made dramatic additions to the armamentarium of the treatment of suprarenal and thoracoabdominal aortic aneurysms with the bringing of fenestrated aortic endograft technology to the institution.

Plastic Surgery -
- Arrival of Dr. Ricky Clay as the new Division Chief in November of 2011 has been an accomplishment for the division. Recruitment of new faculty is being actively pursued. The return of Plastic Surgery to an active role at the VA and off-campus rotation for residents was started in cooperation with Plastic Surgery Associates.

ADMINISTRATIVE

LIST THE TOTAL NUMBER OF SQUARE FEET ASSIGNED TO YOUR DEPARTMENT IN EACH AREA OF THIS REPORT (EDUCATION, RESEARCH, ADMINISTRATIVE, CLINICAL) - 24,577
- Departmental – 6,140
- General Surgery – 3,339
- Education Office – 1,324
- Vascular and Endovascular Surgery – 1,180
- Trauma Surgery – 1,488
- Transplant Surgery – 850
- Plastic Surgery – 4,368
- Pediatric Surgery – 1,806
- Urology – 2,071
- Cardiothoracic Surgery – 1,484
- Pediatric and Congenital Heart Surgery – 527

LIST OF FACULTY IN EACH DIVISION
Chairman: Marc Mitchell, MD

General Surgery -
- Thomas Helling, MD (Chief)
- Rajesh Kuruba, MD
- Christopher Lahr, MD
- Larry McDaniel, PhD
- Olga McDaniel, PhD
- Sharla Gayle Patterson, MD
- Kenneth Vick, MD
- Laura Vick, MD

Cardiothoracic Surgery -
- Giorgio Aru, MD
- Lawrence Creswell, MD
- Pierre de Delva, MD
- Curtis Tribble, MD (Chief)

Congenital Heart and Pediatric Surgery -
- Jorge Salazar, MD (Chief)
- Daniel DiBardino, MD

Pediatric Surgery -
- Barry Berch, MD
- Christopher Blewett, MD (Chief)
- Ujjwal Rout, PhD
- David Sawaya, MD

Plastic Surgery -
- Peter Arnold, MD
- Phillip Blevins, MD
- Ricky Clay, MD (Chief)
- Drew Hildebrandt, PhD
- Marcus Walkinshaw, MD
- Feng Zhang, MD, PhD

Transplant Surgery -
- Christopher Anderson, MD (Chief)
- Fauzia Butt, MD
- T. Mark Earl, MD
- Wanda Dorsett-Martin, D.V.M.

Trauma Surgery -
- Naveed Ahmed, MD
- Lonnie Frei, MD
- Larry Martin, MD
- John Porter, MD (Chief)
- Wesley Vanderlan, MD

Urology -
- Clinton Collins, MD
- Edwin Harmon, MD
- Chadwick Huckabay, MD
- Charles Pound, MD (Chief)
- Edward Seidmon, MD

Vascular and Endovascular Surgery -
- Zachary Baldwin, MD
- A. Bradley Boland, MD
- Marc Mitchell, MD
- Fred Rushton, MD (Chief)
- Sumona Smith, MD
LIST MEMBERS OF YOUR DEPARTMENTAL PROMOTIONS AND TENURE COMMITTEE
• Dr. Thomas Helling
• Dr. Walter Merrill
• Dr. Fred Rushton

NUMBER OF FACULTY HIRED 7

LIST YOUR CHAIR’S OFFICE ADMINISTRATIVE TEAM, WITH TITLES
• Shane Atkison – Director of Business Operations
• Judy Gregory – Manager of Business Operations

LIST YOUR TOP FIVE DEPARTMENTAL VOLUNTEER SERVICE PROJECTS (E.G. HABITAT FOR HUMANITY)
• The Department of Surgery – The Taste of the U
• Transplant Surgery -
  o Mississippi Kidney Foundation
  o Taste of the U
  o Transplant Guild
  o Donor Awareness (with MORA)
• Urology -
  Our volunteer project involves leading the Prostate Cancer Screening efforts in the UMC Cancer Institute. This occurred in October of 2011 and serves as the largest screening effort at the CI.

LIST YOUR TOP FIVE MAJOR DEVELOPMENT (FUNDRAISING) ACCOMPLISHMENTS
Pediatric and Congenital Heart Surgery -
• Children’s Heart Center
Vascular and Endovascular Surgery -
• Grant from W. L. Gore for $60,000 to fund Vascular Fellowship, another grant from W. L. Gore to fund education activities, $10,000 every 6 months
Urology -
• We continue our efforts to promote and solicit funding for the William Lamar Weems Chair.

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Transplant Surgery -
• The Division of Transplant and Hepatobiliary Surgery (formerly known as Division of Transplant Surgery) has had a strong emphasis in 1) Reinvigoration of the Kidney Transplant Program, 2) Starting the Liver Transplant Program, and 3) Creating a Tertiary Care Center for complex liver, bile duct and pancreas tumors. This began in 8/2011 with Dr. Anderson’s arrival. We have assembled the team members needed and will soon begin offering liver transplants at UMMC. The last Liver transplant done in the State of Mississippi was in 1991. Our referrals for kidney transplant have tripled over the year and our current challenges are growth, space limitations, and system efficiency to meet this need….I would like to focus on this more in the area allotted for my division.
Urology -
• We continue to recruit faculty in the areas of Pediatric Urology and General Urology. My goal is to secure commitments from one individual in each of these areas over the next academic year.

CLINICAL
(for clinical departments only)
LIST THE NUMBER OF “Q AWARDS” RECEIVED - 1

FROM YOUR DEPARTMENTAL SCORECARD (IF APPLICABLE), LIST:
• Mortality and patient safety index – 0.99
• Risk adjusted length of stay
• Compliance with CMS core measures
• Patient satisfaction – 78.80%

HAS YOUR DEPARTMENT INSTITUTED A RESIDENT QUALITY COMMITTEE? No

FINANCIAL PERFORMANCE - LIST:
July 2011 – May 2012
• Total charges - $42,010,153.75
• Total collections - $10,772,563.72
• Charges per RVU
• Collections per RVU - $48.80

ACCOMPLISHMENTS, DEVELOPMENTS, OR CHALLENGES UNIQUE TO YOUR DEPARTMENT
Transplant Surgery -
• See above… we are essentially starting abdominal transplant over at UMMC…I would like this and the complex HB surgery now offered to be a focus of my division’s portion annual report.
Pediatric and Congenital Heart Surgery -
• Established new surgeon and formed the Children’s Heart Center
Cardiothoracic Surgery -
• Development of CT Screening Program for Lung Cancer
• Development of Minimally Invasive Thoracic Surgery Program
Vascular and Endovascular Surgery -
• Dr. Sumona Smith and Zachary Baldwin have made dramatic additions to the armamentarium of the treatment of suprarenal and thoracoabdominal aortic aneurysms with the bringing of fenestrated aortic endograft technology to the institution.

Trauma Surgery -
• Re-designated by the state of Mississippi as level I trauma center
• Based upon the ACS trauma quality improvement program comparing level I and level II trauma centers, our risk adjusted mortality is at unity for most areas and below unity for others

Urology -
• We are active in the area of Robotic Surgery and hope to continue to grow this area of clinical activity. Dr. Collins is anticipating the completion of a fellowship in Female and Reconstructive Urology in the near future which will enable him to better develop our ability to provide care in this arena.