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**2008 – 2009 Annual Report on Graduate Medical Education**  
**University of Tennessee College of Medicine Chattanooga**  
**July 28, 2009**

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**Associate Dean for Academic Affairs and**  
**Designated Institutional Official (DIO)**

**Rationale**

Pursuant to the Accreditation Council for Graduate Medical Education (ACGME) institutional requirements, the following information is submitted as an Annual Report from the Designated Institutional Official (DIO) for academic year July 2008 – June 2009. The ACGME requirement states that the DIO present an annual report to the organized medical staff and the governing body of the major participating JCAHO-accredited hospitals in which Graduate Medical Education programs of the Sponsoring Institutions are conducted. The report must review activities of the Graduate Medical Education Committee (GMEC) during the year with attention to, at a minimum, resident supervision, resident responsibilities, resident evaluation, compliance with duty hour standards, and resident participation in safety and quality of care.

**Description of the Sponsoring Institution and Organizational Structure**

The sponsoring institution of the medical education programs based at Erlanger is the University of Tennessee College of Medicine Chattanooga (UTCOCM) – a major component of the University of Tennessee College of Medicine since 1973. The College of Medicine has training sites in Memphis, Jackson, Nashville, Knoxville, and Chattanooga and sponsors a statewide Graduate Medical Education (GME) system. Due to the size of the programs and their distances from the main medical school in Memphis, the Chattanooga and Knoxville sites are separately accredited to sponsor residency education by the Accreditation Council for Graduate Medical Education (ACGME). UTCOCM is an academic center that provides medical education through its affiliation with the area's recognized leader in health care and the primary training site, Erlanger Health System. The UTCOCM mission is to provide quality medical education, patient care, research, and community service, emphasizing the following: graduate medical education, medical student education, continuing medical education, patient care and quality improvement, evidence-based medicine, patient safety, scholarly activity, and community involvement. UTCOCM is the sponsoring institution for a total of 13 accredited residency and fellowship programs. The 2008–2009 programs trained 151.95 residents and fellows. The chief executive officer for UTCOCM is the Dean, who reports directly to the Executive Dean of the UT College of Medicine. Deans at each campus (Memphis, Knoxville, and Chattanooga) report to the Executive Dean. The Associate Dean for Academic Affairs, Robert C. Fore, EdD, FACME, CCMEP, also serves as the Designated Institutional Official (DIO) for Chattanooga and reports directly to the UTCOCM Dean. Working with the Dean and DIO to provide oversight for the medical education programs are the GMEC and the Director of Graduate and Medical Student

Education. UTCOMC chairs report directly to the Dean in Chattanooga. Chairs either serve as program directors or appoint separate program directors, with the approval of the Dean, Associate Dean for Academic Affairs, and GMCEC, for their accredited residency and fellowship programs.

**Program Leadership:**

<b>Department</b>	<b>Program</b>	<b>Chair</b>	<b>Program Director</b>	<b>Associate Program Director</b>
Family Medicine	Family Medicine Residency	J. Mack Worthington, MD, FAAFP	Stephen M. Adams, MD	Kent Lee, MD, FAAFP
	Geriatric Fellowship [Sponsor – Family Medicine Residency]	J. Mack Worthington, MD, FAAFP (Chair, Department of Family Medicine)	John B. Standridge, MD, FAAFP	
Medicine	Internal Medicine Residency	Mukta Panda, MD, FACP (Interim)	Lisa J. Staton, MD	Catherine Payne, MD, FHM
	Hospice/Palliative Care Fellowship (newly accredited 7/1/2008) [Sponsor – Internal Medicine Residency]	Mukta Panda, MD (Interim Chair, Department of Medicine)	Valencia Clay, MD	
Obstetrics/Gynecology	OB/GYN Residency	J. Michael Breen, MD	Shawn Stallings, MD	
Orthopaedic Surgery	Orthopaedic Surgery Residency	Thomas W. Currey, MD	W. Michael Tew, MD	
	Orthopaedic Trauma Fellowship (non-accredited) [Sponsor - Orthopaedic Surgery]	Thomas W. Currey, MD	Pete Nowotarski, MD	

## Program Leadership (Continued)

<b>Department</b>	<b>Program</b>	<b>Chair</b>	<b>Program Director</b>	<b>Associate Program Director</b>
Pediatrics	Pediatrics Residency	Alan Kohrt, MD, FAAP	Janara J. Huff, MD	
Plastic Surgery	Plastic Surgery Residency	Larry A. Sargent, MD, FACS, FAAP	Same	
Radiology	None	R. Kent Hutson, MD		
Surgery	Surgery Residency	R. Phillip Burns, MD, FACS	Joseph B. Cofer, MD, FACS	Richard A. Moore, MD, PhD, FACS
	Colon and Rectal Surgery Fellowship [Sponsor - Department of Surgery] Initial PIF was submitted at the end of June 2009. Anticipated Initial Accreditation is July 1, 2010.	R. Phillip Burns, MD, FACS (Chair, Department of Surgery)	Daniel Stanley, MD, FACS	
	Surgical Critical Care Fellowship [Sponsor – Department of Surgery]	R. Phillip Burns, MD, FACS (Chair, Department of Surgery)	Robert A. Maxwell, MD, FACS	
	Vascular Surgery Fellowship [Sponsor – Department of Surgery]	R. Phillip Burns, MD, FACS (Chair, Department of Surgery)	L. Richard Sprouse, MD, FACS	
	Emergency Medicine Residency [Sponsor – Department of Surgery]	R. Phillip Burns, MD, FACS (Chair, Department of Surgery)	James H. Creel, MD, FACEP	Anuj A. Parikh, MD

<b>Free-Standing</b>	<b>Program Sponsors</b>	<b>Program Director</b>
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<b>Program</b>		
Transitional Year Residency	Internal Medicine and Pediatrics	Mukta Panda, MD, FACP

**Milestones**

The Office of Continuing Medical Education at the Memphis campus has been closed at the end of the academic year (June 2009), and Memphis based CME activities will be sponsored by Methodist Health System. The UT College of Medicine Chattanooga will still be responsible for ACCME accreditation and all CME activities in Chattanooga and Knoxville. The system-wide accreditation documents were presented to the ACCME in Chicago in February by the Associate Dean, Robert C. Fore, EdD, FACME, CCMEP, and Director for Continuing Medical Education, Sally Ward, MBA. The ACCME accreditation letter was received by the institution on July 22, 2009, and awarded Continued Accreditation with Commendation for a six year accreditation cycle.

The UT College of Medicine Chattanooga successfully recruited and appointed a permanent Chair for the Department of Pediatrics, Alan Kohrt, MD, FAAP. Dr. Kohrt also serves as Medical Director for T.C. Thompson Children’s Hospital.

Another key faculty position was recruited and hired by the end of 2009-2010 – an Assistant Dean for Clinical Affairs, Louis Lambiase, MD, who will also serve as the Division Chief for Gastroenterology and will oversee clinical operations of the Faculty Practice Plan.

UTCOCM and Erlanger Health System successfully launched three new programs in 2008-2009:

- Emergency Medicine Residency – the first for the University of Tennessee
- Hospice and Palliative Medicine Fellowship – one of the first in the country, the first for the University of Tennessee and one of only two in Tennessee (accreditation granted retroactive to July 2008)
- Vascular Surgery Fellowship

The University has continued to fund the Dean, David C. Seaberg, MD, FACEP, CPE, and Associate Dean, Robert C. Fore, EdD, FACME, CCEMP, to participate in the American Medical Association Section on Medical Schools. The University has also continued to fund the Director of Graduate and Medical Student Education, Pamela D. Scott, to participate in the Association for Hospital Medical Education and its Council for Administrative Directors of Medical Education. The Dean has continued to conduct regular leadership meetings with the Business Manager, the Chairs, and Program Directors to ensure communication and oversight.

UTCOCM received an initial \$2,000 grant from the Arnold P. Gold Foundation to establish the University of Tennessee College of Medicine Chattanooga Chapter of the National Gold Humanism Honor Society. Chapter advisors are Drs. Mukta Panda and Robert C. Fore, and the chapter liaison is Ms. Scott. The Alper endowment funded special guest speaker Dianne Meier, MD, FACP, Professor, Department of Medicine and Geriatrics at Mount Sinai School of Medicine, for the Alper Lecture, and the Gold Foundation funded Jacqueline A. Mintz, PhD, Executive Director for the Gold Humanism Honor Society, to assist with the inaugural induction ceremony. Sixteen members of the Class of 2010 were honored as the first inductees as part of

the Second Annual Harold Alper, MD, Humanitarian Award activities on April 17, 2009, in Chattanooga:

- Alkesh Amin
- Robin Denise Atkinson
- Harry Michael Baddour
- Joanna Gabriel Blankner
- Brian Thomas Bogdanowicz
- Chonna Lynn Larry
- James Andrew Parnell
- Bryan Keith Payne
- Barry Joel Pelz
- Gavin Butler Pinkston
- Ron Benton Pitkanen
- Jerry “Jay” Mark Smith
- Matthew Jordan Steadmon
- Byron Fitzgerald Stephens
- Rebecca Zenaida Tuche
- Allyson Brooke Warren

The administrative offices of the UT College of Medicine Chattanooga were renovated by January 2009 to make room for expanding research support staff and to open a human patient simulation lab adjacent to the existing Medical/Surgical Skills Lab. Three new staff members were hired:

- Technical Grants Writer
- Technical Grants Writer for Nanotechnology, and
- Technical Director for the Simulation Lab.

The expanded Clinical Skills and Simulation Center provides inter-disciplinary medical training in a high-fidelity simulated environment. The focus has not only been on the procedural skill education, but will include training for communication, teamwork, patient safety, and infection control skills among various healthcare providers. The Baroness Foundation awarded a small grant to enable curriculum development for these scenarios.

Three new Program Directors have been appointed:

- Lisa J. Staton, MD, Internal Medicine Residency;
- Shawn Stallings, MD, Obstetrics and Gynecology Residency; and
- Daniel Stanley, MD, Colon and Rectal Surgery Fellowship (proposed for July 2010).

Two new Associate Program Directors have been appointed:

- Kent Lee, MD, FAAFP, Family Medicine Residency, and
- Catherine Payne, MD, FHM, Internal Medicine Residency.

Three new Medical Student Clerkship Directors have been appointed:

- Beth Choby, MD, Family Medicine;
- Gary Malakoff, MD, Internal Medicine; and
- Valerie Parker, MD, OB/GYN.

The Dean and Associate Dean have incorporated a Medical Legal Curriculum into the monthly Faculty and Resident Development Lecture series. Other topics include research design, teaching and mentoring, professionalism, medical humanities, history of medicine, cultural diversity and competency, and interpersonal communication skills.

The Office of Research has assisted faculty and residents in submitting local and federal grants in excess \$14.2 million during 2008-2009. UTCOMC was notified of approval from the National Institution of Health (NIH) for a multi-year \$2.3 million grant award for the National Children’s Study in collaboration with Emory University. Actual funding for this project has been postponed by NIH until 2011. UTCOMC has continued to collaborate with the University of Tennessee Chattanooga campus as well as local medical industry (E-Spin) in developing nanotechnology and the Center for Independent LiVing Research (CILVR) projects.

The UTCOMC website was re-designed at the beginning of 2008-2009, and individual departments are able to manage pages regarding their own programs, faculty, and residents. Monthly training sessions are provided by Ms. Scott and Ms. Ward for administrative staff and faculty involved in maintaining the website. In addition, Ms. Scott also directs training sessions twice each month for administrative staff who manage residency information, including duty hours, demographics, and evaluations, via the web-based software, New Innovations Residency Management Suite.

**Graduate Medical Education Filled Positions**

- 2003-2004: 138 Residents and Fellows
- 2004-2005: 140.6 Residents and Fellows
- 2005-2006: 140.5 Residents and Fellows
- 2006-2007: 146.35 Residents and Fellows
- 2007-2008: 146.75 Residents and Fellows
- 2008-2009: 151.95 Residents and Fellows

**Breakdown of filled positions by program (2008-2009)**

<b>Program</b>	<b>FTE’s</b>
Emergency Medicine	6
Family Medicine	14.3
Geriatrics (one position funded by Alexian – PACE)	2
Internal Medicine	28.9
Hospice and Palliative Medicine (program funded by Hospice of Chattanooga)	1
OB/GYN	15.5
Orthopaedic Surgery (one position funded by Baptist Hospital in Nashville)	15
Orthopaedic Trauma Surgery (fellow funded by Synthes)	1
Pediatrics	24
Plastic Surgery	4

Surgery	30.25
Surgical Critical Care	1
Transitional Year	8
Vascular Surgery (one position funded by the military for 2008-2009 and 2009-2010)	1

As evidenced by the table above, UTCOMC Graduate Medical Education Programs have continued to grow, primarily due to funding and support from both the University and Erlanger.

The 2008-2009 recruiting season was one of the most successful in several years. Programs filled all available positions via the National Resident Matching Program, Specialty Matching Programs, and by offering a few pre-match positions to qualified applicants (physicians who had already graduated from U.S. and international medical schools and outstanding osteopathic candidates). More than one third of the incoming 2009-2010 residents and fellows were recruited applicants who rotated in Chattanooga as students during the last two years of medical school.

The University gratefully acknowledges Erlanger financial support for resident recruiting, particularly for primary care residency programs (Family Medicine, Internal Medicine, and Pediatrics).

**Graduate Medical Education Committee**

The ACGME requires that an administrative system be in place in each sponsoring institution that includes a graduate medical education committee (GMEC) to provide oversight for its GME programs. The Chattanooga GMEC meets ten times each year to fulfill these responsibilities. The GMEC is chaired by the Associate Dean/DIO (Dr. Fore) and the department chairs and residency program directors from each department or program (listed above) are members. Other members include:

- Dean
- Director of Research
- Chief of Pathology (Erlanger)
- Erlanger Chief Medical Officer
- Erlanger Administrative Representatives (President/CEO and Senior Vice President for Planning)
- Associate General Counsel for the University of Tennessee
- Business Manager (Faculty and Finance)
- Director of Graduate and Medical Student Education
- House Staff Association Presidents (residents)
- Peer-selected resident or fellow representatives from each program

Participation of Erlanger Administration, chairs of ancillary clinical departments (e.g., Pathology), and resident representatives from each program supports communication and

provides appropriate hospital administrative representation and resident involvement in policy decisions regarding resident education.

The GMEC has carried out its responsibilities as required by the ACGME:

- Establish and implement policies and procedures regarding the quality of education and the work environment for the residents in all ACGME-accredited programs.
- Review annually and make recommendations to the Sponsoring Institution on resident stipends, benefits, and funding for resident positions to assure that these are reasonable and fair.
- Establish and maintain appropriate oversight of and liaison with program directors and assure that program directors establish and maintain proper oversight of and liaison with appropriate personnel of other institutions participating in ACGME-accredited programs of the Sponsoring Institution.
- Establish and implement formal written policies and procedures governing resident duty hours in compliance with the Institutional and Program Requirements.
- Develop and implement procedures to regularly monitor resident duty hours for compliance with the Sponsoring Institution's policies and the Institutional and Program Requirements.
- Develop and implement written procedures to review and endorse requests from programs prior to submission to an RRC for exceptions in the weekly limit on duty hours up to 10 percent or up to a maximum of 88 hours.
- Assure that ACGME-accredited programs provide appropriate supervision for all residents that is consistent with proper patient care, the educational needs of residents, and the applicable Program Requirements.
- Assure that each program provides a curriculum and an evaluation system to ensure that residents demonstrate achievement of the six general competencies listed in Section III.E and as defined in each set of Program Requirements.
- Establish and implement formal written institutional policies for the selection, evaluation, promotion, and dismissal of residents in compliance with the Institutional and Program Requirements.
- Review all ACGME program accreditation letters and monitor action plans for the correction of concerns and areas of noncompliance.
- Review the Sponsoring Institution's Letter of Report from the IRC and develop and monitor action plans for the correction of concerns and areas of noncompliance.
- Review and approve prior to submission to the ACGME
  - all applications for ACGME accreditation of new programs and subspecialties;
  - changes in resident complement;
  - major changes in program structure or length of training;
  - additions and deletions of participating institutions used in a program;
  - appointments of new program directors;
  - progress reports requested by any Review Committee;
  - responses to all proposed adverse actions;
  - requests for increases or any change in resident duty hours;
  - requests for "inactive status" or to reactivate a program;
  - voluntary withdrawals of ACGME-accredited programs;
  - requests for an appeal of an adverse action; and,

- appeal presentations to a Board of Appeal or the ACGME.
- Conduct internal reviews of all ACGME-accredited programs including subspecialty programs to assess their compliance with the Institutional Requirements and the Program Requirements of the ACGME Residency Review Committees.

The GMEC also discusses medical student education issues and approves appointments of associate program directors and clerkship directors.

### **Institutional and Program Accreditation (ACGME)**

- The institution was awarded Continued Accreditation in the June 5, 2006 letter from the ACGME's Institutional Review Committee (IRC). The IRC granted the maximum accreditation cycle of five years until the next institutional site visit (April 2011) and "acknowledges the vigorous and well-supported effort to improve effective institutional oversight of graduate medical education (GME). The Committee commends the institution administration, the Graduate Medical Education Committee (GMEC), and the Designated Institutional Official (DIO) in this effort. The IRC commends the institution for its best practices, particularly the Annual Research Methods Symposium as an effort to engage resources in the community. Based on the improvements noted by the IRC in this review, the annotated GMEC minutes have proven to be an effective resource for the DIO and GMEC. The IRC encourages the DIO and GMEC to continue these and all its efforts to support excellence in graduate medical education."
- All residency and fellowship programs are fully accredited with the exception of the Orthopaedic Trauma Surgery Fellowship, and accreditation is not required for that subspecialty.
- The Orthopaedic Trauma Surgery Fellowship is funded by Synthes, Inc.
- The Geriatric Medicine Fellowship is funded primarily by Alexian Brothers Community Services, and its PACE Program.
- The one-year Hospice and Palliative Medicine Fellowship was one of the first in this specialty approved in the nation and one of only two approved in Tennessee. Accreditation was granted effective July 1, 2008. The fellowship is funded entirely by Hospice of Chattanooga.
- All other programs are funded by Erlanger Health System.
- Only one program underwent a site visit during 2008-2009 – OB/GYN Residency (October 29, 2008).
- Accreditation letters were received for the following programs during the year:
  - Hospice and Palliative Medicine – Accreditation with the next site visit in three years (RRC Letter 3/11/2009)
  - OB/GYN – Proposed Probation with a response to citations due by August 20, 2009 (RRC Letter 3/11/2009)
- A Program Information Form (PIF) was submitted to the Surgery Residency Review Committee at the end of June 2009 seeking accreditation for a two-year Colon and Rectal Surgery Fellowship to begin July 2010.

All Program Information forms and documentation have been reviewed by the Dean, the Associate Dean/DIO, and Director of Graduate and Medical Student Education prior to their

submission to the individual RRC's. All correspondence between programs and RRC's are also reviewed by the GMEC.

### **ACGME General Competencies**

Residents are considered both trainees and students of the Graduate Medical Education Program and are required to demonstrate competency in the six **General Competency** areas required by the Accreditation Council for Graduate Medical Education:

- **Patient Care**
- **Medical Knowledge**
- **Practice-Based Learning and Improvement**
- **Interpersonal and Communication Skills**
- **Professionalism**
- **Systems-Based Practice**

Residents must meet the following in order to continue in the program and successfully complete residency training:

- Incremental increase in competency in **Patient Care** that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health; competency to perform all medical and invasive procedures considered essential for the area of practice (including identifying and performing invasive and non-invasive medical procedures; gathering critical information and data, whether in the form of History and Physicals or diagnostic testing; interpreting results; and knowledge of protocols);
- **Medical Knowledge** about established and evolving biomedical, clinical, and cognate (e.g. epidemiological and social-behavioral) sciences and the application of this knowledge to patient care and a willingness to teach and supervise others;
- **Practice-Based Learning and Improvement** that involves investigation and evaluation of their own patient care, appraisal and assimilation of scientific evidence, and improvements in patient care;
- **Clinical judgment** (including synthesizing data gathered from appropriate sources and applying the information and medical knowledge to a particular patient care situation, and the ability to respond to unpredictable treatment situations);
- **Technical skills** necessary to perform diagnostic, medical and surgical procedures and to deliver other forms of medical treatment;
- **Interpersonal and Communication Skills** (humanistic skills such as interacting with patients, peer residents, faculty, and other medical staff) that result in effective information exchange and teaming with patients, their families, and other health professionals. Receptivity to feedback and corrective action from faculty and peers; and demonstrating concern for patients' well-being;
- **Professionalism**, as manifested through a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population (including attendance, punctuality, availability, and enthusiasm);
- **Systems-Based Practice**, as manifested by actions that demonstrate an awareness of and responsiveness to the larger context and system for health care and the ability to effectively call on system resources to provide care that is of optimal value (including adherence to institutional standards of conduct, rules and regulations, including program

standards and hospital and clinic rules with respect to scheduling, charting, record-keeping, and delegations to medical staff).

Re-appointment and promotion to the subsequent year of training require satisfactory, cumulative evaluations by program faculty.

Programs have been directed by the ACGME and UTCOMC leadership to continue to adapt educational rotation goals and objectives by level of training and identify specific competencies that correlate with each individual learning objective, as well as teaching methods and evaluation tools. All programs have completed the initial revision to include specific competencies with each objective, but this is an ongoing process as rotations and educational methods change and improve. The Surgery Residency Program and the Surgical Critical Care Fellowship have continued to craft competency-based curriculum for each level and rotation and in concert with development of a national surgery residency curriculum led by Dr. Cofer.

### **Internal Reviews**

Internal reviews must be conducted at the approximate midpoint between site visits and within the overall cycle projected by the institution. Reports from the internal review panels must be discussed and approved by the GMEC. During 2008-2009, seven internal reviews were conducted:

- Orthopaedic Surgery Residency (August 8, 2008)
- Surgery Residency and Surgical Critical Care Fellowship (September 5, 2008)
- Internal Medicine Residency (November 19, 2008)
- Pediatrics Residency (March 12, 2009 )
- Emergency Medicine Residency (May 5, 2009)
- Vascular Surgery Fellowship (June 5, 2009)

Each of the Internal Review Panels was chaired by the Associate Dean/DIO. The Erlanger Chief Medical Officer and Director of Graduate and Medical Student Education also served on each panel. Reports were presented to the GMEC as required by the ACGME Institutional Requirements.

Internal reviews will be conducted for the following programs during 2009-2010:

- Family Medicine and Geriatrics (August 13, 2009)
- Plastic Surgery (October 26, 2009)
- Transitional Year (April 7, 2010)
- Hospice and Palliative Medicine (April 9, 2010)

### **Resident Supervision**

Residents must provide care under appropriate faculty supervision in accordance with institutional policy and ACGME requirements. The UTCOMC Resident Supervision Policy states that all residents receive faculty supervision at any of three levels when delivering patient care:

**General supervision** means that the care or procedure is conducted under the faculty member's overall direction and control but the faculty member's presence is not required at the time of care.

**Direct supervision** requires that the faculty member must be in the unit or clinic and immediately available to furnish assistance and direction.

**Personal supervision** means that the faculty member must be in attendance in the room during the procedure.

Faculty who provide this supervision are appropriately credentialed clinicians/physicians and members of the Erlanger Medical Staff. The Resident Supervision Policy has been approved by the GMEC and acknowledged by the Erlanger Medical Staff. Each residency program annually provides a list of procedures that each resident (either by name or PGY level) can perform under the specific levels of supervision. Resident responsibilities are limited only to those procedures and patient care activities authorized by the credentialed supervising faculty member. The policy states that under no circumstances will a resident examine a patient or perform an invasive procedure for any purpose other than for the benefit of the patient or to achieve a diagnosis. This policy extends to and includes patients who are near death or have expired.

Individual resident procedures and supervision level information are available in real time to residency programs, Erlanger Medical Staff, Nursing, and other Erlanger staff via a web-based application system (New Innovations). The information has been entered as communicated by individual residency programs and can be updated by Residency Coordinators. The information will be monitored for the GMEC by the Associate Dean/DIO and the Director of Graduate and Medical Student Education.

### **Resident Responsibilities**

The institution has identified the following as resident responsibilities in Graduate Medical Education programs. These are included in the Resident Initial Letter of Appointment signed by each resident and the institution upon appointment:

- Develop a personal program of self-study and professional growth with guidance from the teaching staff.
- Pass Step 3 of the United States Medical Licensing Examination (USMLE) [or the osteopathic equivalent if appropriate] to be eligible for re-appointment beyond the PGY-2 level in any UTCOMC program.
- Participate in safe, effective, and compassionate patient care under supervision, commensurate with their level of advancement and responsibility.
- Participate fully in the educational and scholarly activities of their program and, as required, assume responsibility for teaching and supervising other residents and students.
- Participate fully in institutional programs and activities involving the medical staff and adhere to established practices, procedures, and policies of the Graduate Medical Education Program and policies of all affiliated hospitals, including the timely completion of medical records.
- Participate fully in institutional committees and councils, especially those that relate to patient care review activities.
- Participate fully in evaluation of the quality of education provided by the program.

- Develop an understanding of ethical, socioeconomic, and medical/legal issues that affect graduate medical education and how to apply cost containment measures in the provision of patient care.
- Apply cost containment measures in the provision of quality patient care.
- Refrain from and not engage in any outside remunerative employment of any sort without the prior approval of the respective department chair or other designated departmental official.
- Abide by the instructions, orders, and directives of the department chair under whom the resident's services are performed.

### **Resident Evaluation**

The sponsoring institution has approved and implemented policies on resident evaluation (including resident evaluation of faculty, rotations, and the overall program) as well as duty hour compliance. These policies meet the standards stipulated by the ACGME. In addition, each program is required to have program specific policies regarding these areas and adherence to these policies is closely monitored by the GMEC in periodic program internal reviews conducted between site visits.

A formative evaluation form or instrument is required for each resident which documents progress of the resident in demonstrating competence in each of the six General Competencies specified by the ACGME: **Patient Care, Medical Knowledge, Practice-Based Learning and Improvement, Interpersonal and Communication Skills, Professionalism, and Systems-Based Practice**. Written summary evaluations are documented at least twice annually for each resident. A final summative evaluation is also required as the resident completes training and is recommended for board certification. These elements are reviewed in resident files during internal reviews by the panel members and should also be reviewed by program leadership during annual department review.

In addition, the ACGME requires that residents must be provided the opportunity to confidentially evaluate their faculty, rotations, and the overall program (at least twice each year) in a system that is free from intimidation. The UTCOMC requires all programs to utilize the web-based New Innovations software system to provide online, totally anonymous evaluations for residents to submit regarding faculty and rotations at the end of each rotation. Program evaluations are completed semi-annually by residents and fellows and include 14 common questions about all programs. Summary reports of these faculty and rotation evaluations are available to the Residency Coordinator and should be used in annual department reviews as well as faculty evaluations. Problems identified by the Associate Dean are handled individually with the appropriate program leadership, maintaining the anonymity of the residents providing ratings and comments

On behalf of the GMEC, the Associate Dean/DIO and the Director of Graduate and Medical Student Education continue to monitor these reports. Compliance has been excellent among residents of all programs. Residents indicate through feedback to the Dean, Associate Dean, and GME Office that they are assured that the anonymous evaluation system encourages them to provide honest feedback. Periodic updates will be made to the GMEC at monthly meetings and modifications can be made as necessary when problems arise.

### **Duty Hours**

The ACGME further requires that institutions and programs establish policies regarding appropriate duty hour standards and monitor adherence. The standards require that residents must work no more than 80 hours per week (averaged over a four-week continuous period), must have at least ten hours between work assignments, must not be assigned overnight in-house call more than every third night, and must have at least one day in seven free from clinical responsibilities (again averaged over a four-week continuous period). Our institution has established these policies and requires that each program adhere to them. The GMEC approved one exception to the 80 hour limit for specific rotations in our Surgery Residency to allow a maximum of 88 hours on those rotations. The exception has also been approved by the Surgery RRC. Compliance is monitored by both the programs and the institution through the Associate Dean/DIO and Director of Graduate and Medical Student Education.

Web-based New Innovations Residency Management software has also provided an excellent mechanism for logging and monitoring each resident's work hours. Residents are required to enter hours worked, denoting them as "regular duty," "in-house call," "post-call," or "vacation/sick leave." Reports are easily retrieved by Residency Coordinators so problems can be quickly identified regarding work hour violations. Compliance has been very good among residents and programs. Few violations of the 80-hour week are reported. Compliance has also been excellent regarding one day in seven free from duty and call no more frequently than every third night. The most frequent problems noted have continued to be ensuring that each resident has at least 10 hours free between each work assignment. Duty hour questions are also included in the rotation and program evaluations for each program. Although compliance with duty hours can be especially difficult at times in the surgical fields, overall compliance has been good throughout programs.

Similar to national trends, the Surgery Residency has experienced some difficulty in adhering to the duty hours regulations. A small percentage of non-compliant duty hours responses were identified in the 2008 ACGME Resident Survey, and this resulted in a special ACGME Resident Survey in Spring 2009. The GMEC has reviewed the information, and the department and institutional leadership are working to reduce duty hours violations and to work with Erlanger administration to recommend innovative solutions such as the addition of physician extenders to handle workloads currently performed by Surgery residents.

### **Patient Safety and Quality Improvement**

The sponsoring institution, UTCOMC, ensures that formal quality improvement (*QI*) activities are conducted involving residents, faculty, and other health care personnel. The GMEC has continued to verify that each program is involved in reviewing patient complications and deaths through conferences including Mortality and Morbidity (*M & M*) and other *QI* activities (*e.g.*, resident and faculty participation in departmental and hospital committees) and special initiatives. Each residency program is conducting program-specific educational activities that deal with *QI* and performance improvement such as Grand Rounds, didactic lectures, and a review of complications and deaths at *M & M* conferences. Quality improvement and medical care processes are discussed during these conferences and are a required component of the overall GME system. Changes in current practices or protocols are frequently altered as a result of these discussions.

In order to ensure appropriate institution-level involvement and oversight, the Dean and Associate Dean/DIO participate through several key hospital committees and councils that deal with peer review and *QI* activities: Erlanger Executive Leadership Council (Dean), Medical Executive Committee (Dean), Erlanger Quality Oversight Committee (Associate Dean), Erlanger Joint Conference and Accreditation Committee (Dean), Hospital Authority Board meetings (Dean); and Medical Ethics Committee (Associate Dean). Each Erlanger clinical department has an active performance improvement committee. Chairs and/or their designees, key faculty, and residents participate in the hospital's overall quality improvement programs and Medical Quality Improvement Committees (*MQICs*). When problems and processes that involve residents are identified by the *MQICs*, the system ensures that residents are involved with the evaluation, development, and implementation of patient care solutions. T.C. Thompson Children's Hospital includes both Pediatric faculty and residents in its TCTCH Clinical Quality Oversight Committee that deals with issues to improve overall patient care and safety processes. Resident orientation, Faculty and Resident Development sessions, and Institutional Core Curriculum Grand Rounds continue to include topics related to patient safety, medical ethics, and quality improvement.

Faculty and residents continue to be involved in the hospital's Process Improvement Core Measures Groups including a Best Demonstrated Practices (BDP) Steering Committee and four focused Core Measures Groups whose goals are to identify process problems and develop solutions to improve patient care and outcomes. Residents also participate in several of the Core Measures Groups. Erlanger has continued as one of 40 hospitals nationwide participating in the American College of Surgeon's *NSQIP*. This project involves collection of data on general and vascular surgical patients to monitor outcomes and direct quality improvement. Surgery Residency Program Director, Joseph Cofer, MD, has continued his leadership in Tennessee for *NSQIP*.

One of the most significant quality improvement initiatives for 2008-2009 has been the establishment of the UTCOMC Open School Chapter of the Institute for Healthcare Improvement (IHI). This effort has been accomplished through the leadership of the chapter advisors (Dr. Catherine Payne, Associate Program Director for the Internal Medicine Residency; Dr. Adrien Bhushan, Chief Resident, Internal Medicine Residency; Dr. Robert Fore, Associate Dean; and Dr. Cy Huffman, Erlanger Chief Medical Officer). The Open School conducts monthly sessions to provide a forum to discuss quality improvement issues and methods to facilitate improvement. Attendees include physicians, students, nurses, and other health care providers and educators interested in improving the quality of care within the institution.

### **Faculty Leadership**

Several faculty have achieved special recognition during 2008-2009:

- **Richard Alvarez, MD**, Faculty, Department of Orthopaedic Surgery: Dr. Alvarez was promoted to the rank of Professor. He directs the Foot and Ankle Rotation for the department.
- **Billy S. Arant, Jr., MD**, Professor, Department of Pediatrics: Dr. Arant, pediatric nephrologist and hypertension specialist, announced his decision to retire at the end of June 2009 from the UTCOMC after 17 years of service to our campus. He will continue to practice on a part-time basis as part of the new Faculty Practice Plan. Dr. Arant served

as Chair of the Department of Pediatrics and Residency Program Director for 10 years, and has served on countless national committees. He has been widely published and has been listed in *The Best Doctors in America* and *The Guide to America's Top Pediatricians*, and the *Consumer's Research Council*. Dr. Arant was honored by a special reception in July 2009.

- **John Boldt, Jr, MD**, Faculty, Department of Medicine (Critical Care): Dr. Boldt was presented the 2008 Internal Medicine Subspecialty Faculty Award for Outstanding Teaching by the Internal Medicine Residents.
- **Mark Brzezienski, MD**, Associate Professor, Department of Plastic Surgery: Dr. Brzezienski was presented the 2008 Plastic Surgery Faculty Award for Outstanding Teaching by the Plastic Surgery Residents.
- **R. Phillip Burns, MD**, Professor and Chair, Department of Surgery: Dr. Burns was named the Tennessee Medical Association Outstanding Physician Award for 2009 for his steadfast commitment to medical education and innovation and unprecedented longevity in serving as the Chair of the Department of Surgery at the UTCOMC.
- **Winston P. Caine, Jr., MD**, Professor, Department Internal Medicine, and **David P. McCallie, MD**, retired Professor, Department of Internal Medicine: Drs. Caine and McCallie were honored as the Sixth Annual Baroness Erlanger Foundation Distinguished Physicians on February 7, 2009, for their exceptional contributions and commitment in their fields to excellence in medicine and education to the region's medical community.
- **Michael Carr, MD, FACS** (Professor, Department of Surgery): Dr. Carr was honored by the Emergency Medical Services for Children as a National Hero at the 25<sup>th</sup> EMSC Anniversary Luncheon in Alexandria, Virginia.
- **Annamaria Church, MD, and Jeannette Martin, MD**, Faculty, Department of Pediatrics: Drs. Church and Martin were selected from a national pool of applications to attend "The Disseminated Best Practices to Promote Smoke Free Homes" conference in Anaheim, California hosted by the American Academy of Pediatrics in February 2009. Funding was provided by a grant from the Flight Attendant Medical Research Institute.
- **Joseph B. Cofer, MD, FACS**, Professor and Residency Program Director, Department of Surgery:
  - Dr. Cofer was presented the 2008 Surgery Faculty Award for Outstanding Teaching by the Surgery Residents.
  - Dr. Cofer presented "Impact of the certification in surgical oncology on general surgery." At the Clinical Affairs Committee Presents – American Board Certification in Surgical Oncology, Are We Almost There? The Society of Surgical Oncology, 2009 62<sup>nd</sup> Annual Cancer Symposium in Phoenix, Arizona.
  - Dr. Cofer presented, "The case against modular recertification," at the American Board of Surgery Board of Directors Meeting in Cancun, Mexico (January 2009).
- **Roger DeVersa, MD**, Faculty, Department of Internal Medicine: Dr. DeVersa received the 2008 Humanitarian of the Year Award from Jackson State Community College in recognition of his humanitarian service to the college.
- **Robert C. Fore, EdD, FACME, CCMEP**, Professor and Associate Dean: In addition to his leadership as Associate Dean for Academic Affairs and Designated Institutional Official for the UTCOMC, Dr. Fore also serves as the Associate Dean responsible for the statewide Continuing Medical Education efforts at all three campuses: Memphis, Knoxville, and Chattanooga. In 2008, Dr. Fore earned the Certified CME Professional

(CCMEP) designation from the National Commission for Certification of CME Professionals. He has given a national presentation at the 2009 Annual Alliance for CME Meeting in San Francisco, and he has continued to serve as a surveyor for the ACCME. He serves as a Co-Advisor for the UTCOMC Chapter of the Gold Humanism Honor Society, and has prepared Medical Student Performance Evaluations (MSPE's) for senior UT medical students.

- **Marvin N. Hall, MD**, Interim Chair, Department of Pediatrics: Dr. Hall was presented a plaque of appreciation from UTCOMC Dean David Seaberg to thank him for serving six years as Interim Chair of the Department of Pediatrics since October 2002. His leadership during that time was instrumental in establishing clinical initiatives between T.C. Thompson Children's Hospital, the Department of Pediatrics, and the community.
- **Cauley W. Hayes, MD**, Professor, Department of Plastic Surgery: Dr. Hayes retired from practice at the end of June 2008, and was honored for his 38 years of distinguished service and years of dedication to teaching and mentoring residents in the Departments of Plastic Surgery and Orthopaedic Surgery. He has continued to be involved as a volunteer faculty member in the department for 2008-2009.
- **Harold D. Head, MD**, Faculty, Department of Surgery: Dr. Head was presented the 2008 Augustus McCravey, MD, Award for his life-long contributions to medical education by the University House Staff Association.
- **David Jenkinson, DO**, Faculty, Department of Family Medicine: Dr. Jenkinson was presented the 2008 Family Medicine Faculty Award for Outstanding Teaching by the Family Medicine Residents.
- **Jeannette Martin, MD**, Director of Pediatric Ambulatory Care at T.C. Thompson Children's Hospital, and faculty member in the Department of Pediatrics: Through the leadership and championing of Dr. Martin, the national Reach Out and Read (ROR) Program opened its first program at TCTCH this year. ROR is a national, non-profit children's literacy program that works with medical providers to reach children at greatest risk--children aged six months to five years living at or near poverty level. Dr. Martin states that, "To teach another person to read is a gift; to teach a child the love of books is a gift beyond measure."
- **Wendell Moses, MD**, Faculty, Department of Orthopaedic Surgery: Dr. Moses was presented the 2008 Orthopaedic Surgery Faculty Award for Outstanding Teaching by the Orthopaedic Surgery Residents.
- **Mukta Panda, MD, FACP**, Professor and Interim Chair for the Department of Medicine and Residency Program Director for the Transitional Year Program
  - Dr. Panda was presented the 2008 Internal Medicine Faculty Award for Outstanding Teaching by the Internal Medicine Residents, the 2008 Transitional Year Faculty Award for Outstanding Teaching by the Transitional year Residents; and the 2008 Baroness Award for Teaching Excellence by the medical students.
  - Dr. Panda was nominated as the Deputy Editor for the Journal of Internal Medicine (JIM), the premier journal for Internal Medicine with international recognition.
  - Dr. Panda led a team of Internal Medicine and Transitional year Residents to complete 14 poster, eight oral presentations, and two workshops at the February 2009 meeting of the Southern Society of General Internal Medicine (SGIM) in New Orleans, Louisiana.

- Dr. Panda presented “Taking care of the Muslim Patient – How culturally aware are our health care providers” at the Humanities in Medicine Section of the National Conference for Physician Scholars in the Social Sciences and Humanities – Understanding the Past, Transforming the Future in Philadelphia, Pennsylvania in March 2009.
- Dr. Panda has served as the Chapter Advisor of the UTCOMC Gold Humanism Honor Society.
- Dr. Panda was recertified by the American Board of Internal Medicine in 2008. She was originally certified in 1998.
- **Lotika Pandit, MD**, Faculty, Department of Internal Medicine: Dr. Pandit was recertified in Geriatric Medicine in 2008. She was originally certified in 1998.
- **Catherine Payne, MD**, Associate Program Director, Internal Medicine Residency: Dr. Payne earned the designation of Fellow in Hospital Medicine (FHM) and has been appointed to the Society of Hospital Medicine (SHM) Young Physicians Committee.
- **Marielisa Rincon, MD**, Faculty, Department of Pediatrics: Dr. Rincon was presented the 2008 Pediatrics Faculty Award for Outstanding Teaching by the Pediatrics Residents.
- **S. Michael Roe, MD**, Faculty, Department of Surgery: Dr. Roe was presented the 2008 Harold D. Head Award for Surgical Specialties by the Surgery Residents.
- **B W. Ruffner, MD**, Professor, Department of Internal Medicine and Past Interim Dean: Dr. Ruffner was elected President of the Tennessee Medical Association (TMA) for 2009-2010.
- **Ann Rybolt, MD**, Faculty, Department of Internal Medicine: Dr. Rybolt was recertified in Geriatric Medicine in 2008. She initially took the Geriatrics certification exam when it was first given in April 1988 and had been recertified in 1998. Dr. Rybolt has also been active in leading home visits for patients with the “Bringing Back the Black Bag” project for Internal Medicine Residents.
- **Benjamin Smith, III, MD**, Clinical Instructor, Department of Surgery (Emergency Medicine Residency): Dr. Smith was presented the 2008 Emergency Medicine Faculty Award for Outstanding Teaching by the Emergency Medicine Residents.
- **Shawn P. Stallings, MD**, Program Director, Department of OB/GYN: Dr. Stallings was presented the 2008 OB/GYN Faculty Award for Outstanding Teaching by the OB/GYN Residents.
- Two UTCOMC faculty and former resident graduates in the Department of Surgery were among physicians honored by the Chattanooga-Hamilton County Medical Society for Doctors Day, March 30, 2009: **W. Todd Cockerham, MD, and Alvaro A. Valle, MD.**
- **David C. Seaberg, MD, CPE, FACEP**, Dean of the UTCOMC and Professor, Department of Surgery:
  - **Dr. Seaberg** has continued to serve as a member of the board of directors for the American College of Emergency Physicians and has worked with regional, state, and national leaders regarding health care issues affecting both the University and our region.
  - **Dr. Seaberg** also represents the University of Tennessee in the American Medical Association Section on Medical Schools.
- **John B. Standridge, MD, FAAFP**, Professor, Department of Family Medicine and Program Director, Geriatric Medicine Fellowship: Dr. Standridge was chosen as the plenary speaker, representing the United States, at the 23<sup>rd</sup> Biennial Conference of the

International Health Evaluation and Promotion Association, held in November 2008 in Beijing, China, “Overview of Health Evaluation and Promotion in the U.S.A.”

### **Faculty distribution**

•Full-Time/Part Time	93
•Clinical/Affiliated	378
<b>TOTAL</b>	<b>471</b>

\*Some faculty have faculty appointments in multiple departments

### **Resident Leadership**

- **Collins Chijioke, MD, and Kurt Scherer, MD** (Transitional Year Residents): Drs. Chijioke and Scherer presented “Relaxing, Rejuvenating, and Rejoicing in Residency: RRR in R.” at the 2009 Humanities in Medicine Section of the National Conference for Physician Scholars in the Social Sciences and Humanities -- Understanding the Past, Transforming the Future in Philadelphia, Pennsylvania.
- **Chasen Croft, MD** (Surgery Resident) and **Lynlee Wolfe, MD** (OB/GYN Chief Resident): Drs. Croft and Wolfe served as Co-Presidents of the University House Staff Association. They were actively involved with the GMEC and in community service projects such as the 2<sup>nd</sup> Annual Canned Food Drive in May 2009. More than a ton of food was donated from the various residency and fellowship programs.
- **Chasen Croft, MD (Surgery Resident)**: Dr. Croft received first place in the resident paper competition at the 2009 Southeastern Surgical Congress in Atlanta, Georgia, for his presentation, “Methicillin-resistant Staphylococcus aureus in a trauma population: Does colonization predict infection.”
- **Mandy Grubb, MD** (Chief Resident, Internal Medicine): Dr. Grubb received the 2009 Harold Alper, MD, Humanitarian Award, as a graduating resident who consistently demonstrates qualities of integrity, respect, and compassion in the care of patients and their families throughout residency training. She has actively worked with the YMCA BIG Program, has participated in several medical missions trips, and has worked to sponsor needy patients and families during the holiday season. Other Alper Award nominees included:
  - **Kelly Arnold, MD** (Chief Resident, Family Medicine)
  - **Hans Burkholder, MD** (Chief Resident, Surgery Resident):
  - **Musharraf Navaid, MD** (Fellow, Hospice and Palliative Medicine)
  - **Christy Pearce, MD** (Chief Resident, OB/GYN)
  - **Brandon Riggan, MD** (Chief Resident, OB/GYN)
  - **Kurt Scherer, MD** (Transitional Year Resident)
- **Jeffrey Horn, MD** (Surgery Resident): Dr. Horn was presented the 2008 Baroness Award for Teaching Excellence – Resident by medical students.
- **Ahmad Kaako, MD** (Internal Medicine Resident): Dr. Kaako presented “Taking care of the Muslim Patient – How culturally aware are our health care providers” at the Humanities in Medicine Section of the National Conference for Physician Scholars in the Social Sciences and Humanities – Understanding the Past, Transforming the Future in Philadelphia, Pennsylvania in March 2009.

- **Elizabeth McFarlin, MD** (Pediatrics Resident): Dr. McFarlin was part of the Read Across America program, visiting and reading with students at the Primrose School of Hixson.
- **Kurt Scherer, MD** (Transitional Year Resident): Dr. Scherer was presented the 2008 Leonard Tow Humanism in Medicine Award, sponsored by the Arnold P. Gold Foundation, an award selected by his medical student peers at the University of Florida and based on his display of humanism and community service. He is also the recipient of the Deanne Barlow Romrell Professionalism in Medicine Award.
- **Sandy Varghese, MD, and Jennifer Williams, DO**, 3<sup>rd</sup> and 2<sup>nd</sup> year Pediatrics Residents respectively: Drs. Varghese and Williams were selected from a national pool of applications to attend “The Disseminated Best Practices to Promote Smoke Free Homes” conference in Anaheim, California hosted by the American Academy of Pediatrics in February 2009. Funding was provided by a grant from the Flight Attendant Medical Research Institute.
- **Transitional Year Residents – Xiao Androulakis, MD; Ning Cao, MD; Collins Chijioke, MD; Tunisia Finch, MD; Seth Means, MD; Jeremiah Miller, MD; Amir Paydar, MD; and Kurt Scherer, MD**: As part of the educational requirements, all eight Transitional Year Residents have participated in community service projects throughout the year, including sharing Thanksgiving and Christmas with patient families, and raising money for the Greater Partnership for Families and Children through the annual “Press Out Domestic Violence” bench press competition. The 2009 event \$2,015 for the Partnership. The Transitional Year Residents also participated in several other community service projects with the House Staff Association and other residency programs.

### **Research**

The 2008-2009 Office of Research includes: Director of Research, IRB Chair and IRB Coordinator, Scientific Review Committee, Research Advisory Committee, Research Compliance Officer, Technical Grant Writer, Nanotechnology Grant Writer, and Technical Director for the Simulation Lab. Eric Gratias, MD (Pediatrics) serves as Chair of the Scientific Review Committee, and B W. Ruffner, MD (Internal Medicine), serves as Chair of the Institutional Review Board. The IRB reports 240 research studies are currently approved and open, and the majority of these involve residents and faculty. As noted previously under “Milestones,” federal and local research grants in excess of \$14.2 million dollars have been submitted by the campus. Currently there are 18 active grants being managed by the Office of Research. UTCOMC was notified of a \$2.3 million NIH grant award for National Children’s Study in collaboration with Emory University; however, NIH has delayed funding until 2011. Progress has continued in developing projects involving nanotechnology and research for assisting senior citizens to live independently (CILVR).

The Director of Research and Research Compliance Officer maintain a list of all publications and presentations. The Dean and the Director of Research meet monthly with the Research Advisory Committee to encourage collaboration among departments and the local UTC undergraduate campus. Representatives from all UTCOMC programs and various UTC departments are part of this advisory committee. Dr. Heath has continued to update an online

Research Manual to provide research guidance for both faculty and residents. Research and scholarly publications reported are included as an attachment to this report.

The Annual Research Methods Nuts and Bolts Symposium was conducted at the UTC Student Center on September 18, 2008. The event was well attended and included the UTCOMC Dean, Dr. David Seaberg, and the UTCOM Executive Dean, Dr. Steve Schwab, from Memphis. The event is scheduled for September 11, 2009, at the UTC venue.

A total of 42 abstracts were submitted for consideration at the 27<sup>th</sup> Annual Research Week, held April 20 – 24, 2009. The Scientific Review Committee selected the three best research projects for oral presentations, five research projects for poster presentations and eight case reports for poster presentations. Twenty-five residents were involved in these research projects and cases. Judges for the event include: Steve Schwab, MD, Executive Dean for the Statewide UT College of Medicine (Memphis); Joseph M. Van de Water, MD, Professor, Department of Surgery and Assistant Dean for Research, Mercer University School of Medicine, Macon, Georgia; and Beth Choby, MD, Clerkship Director, UTCOMC Department of Family Medicine. Dr. Coddington, the first Associate Dean for the Chattanooga campus and for whom the event and awards were named, attended this year's awards dinner and assisted the Erlanger CEO and Chattanooga Dean in presenting the awards. Research topics that were presented this year in either oral presentations or research posters included:

**Oral Presentation Awards:**

- “Demographic, metabolic, and genomic description of neonates with severe hyperbilirubinemia.” Sandy Varghese, MD, and Christy Lusk, MD, Pediatrics Senior Residents. [Received the Robert C. Coddington, MD, Award for Best Overall Research Presentation]
- “Methicillin-resistant staphylococcus aureus in a trauma population: Does colonization predict infection?” Chasen Croft, MD, PGY-5 Surgery Resident. [Awarded 2<sup>nd</sup> Place for Research Oral Reports.]
- “Infrared surface temperature monitoring in the post-op management of free tissue transfers.” Paul Papillion, MD, PGY-4 Surgery Resident. [Awarded 3<sup>rd</sup> Place Tie for Research Oral Presentations.]

**Research Poster Awards:**

- “Comparison of square vs. half hitch knots in a running suture model.” B. Shane Asbury, MD, PGY-4 Orthopaedic Surgery Resident. [Awarded 1st Place for Research Posters.]
- “Rapid Response Teams: The impact on the rate of cardiac arrests at the Baroness Erlanger Hospital of the UTCOMCC.” Tatiana Jacobson, MD, PGY-3 Internal Medicine Resident; Brindusa Mocanu, MD, PGY-3 Internal Medicine Resident; and Arshdeep Tindni, MD, PGY-3 Internal Medicine Resident. [Awarded 2<sup>nd</sup> Place for Research Posters.]
- “The frequency and significance of incidental thyroid nodules on CT of the chest performed for reasons other than Thyroid Disease: A retrospective study.” Collins Chijioke, MD, Seth Means, MD, and Kurt Scherer, MD, Transitional Year Residents. [Awarded 3<sup>rd</sup> Place Research Posters.]

**Case Report Awards:**

- “Internal carotid artery thrombosis after blunt trauma – salvage therapy with the penumbra thrombectomy system.” Philip Ramsay, MD, (PGY-5 Surgery Resident) and Melissa Rader, MD (PGY-3 Surgery Resident). [Awarded 1st Place for Case Report Posters.]
- “Robotic assisted laparoscopic ovarian cystectomy during pregnancy.” Susanna Carter, MD, PGY-2 OB/GYN Resident. [Awarded 2nd Place, Case Report Poster.]
- “A rare cause of acute seizure in a young male.” Brett Krummert, MD, PGY-1 Internal Medicine Resident; Kurt Scherer, MD, Transitional Year Resident; and Gautam Dutta, MD, PGY-3 Internal Medicine Resident. [Awarded Honorable Mention for Case Report Poster.]

**Resident Stipends and Benefits**

Resident stipends and benefits are set first by the statewide University of Tennessee Graduate Medical Education System and approved annually by the GMED at each campus (Memphis, Knoxville, and Chattanooga). Since the national Council of Teaching Hospitals publishes regional data each year, the University works to remain competitive with other institutions in the Southern Region. The 2008-2009 Resident Stipend Scale is listed below as well as the scale approved for 2009-2010. Due to national economic trends and hospital budget constraints across the state, the resident stipend scale for the upcoming fiscal year will remain the same.

<b>Level</b>	<b>2008-2009*</b>	<b>2009-2010</b>
<b>PGY-1</b>	\$43,860	\$43,860
<b>PGY-2</b>	\$45,405	\$45,405
<b>PGY-3</b>	\$46,950	\$46,950
<b>PGY-4</b>	\$48,495	\$48,495
<b>PGY-5</b>	\$50,040	\$50,040
<b>PGY-6</b>	\$51,585	\$51,585
<b>PGY-7</b>	\$53,130	\$53,130

Benefits provided to residents:

- health, life, and disability insurance (dental insurance has been added as of July 2009)
- relocation reimbursement for new residents moving to Chattanooga (primary care residents receive up to \$1,500 and non-primary care receive up to \$1,000)
- annual professional development funding - up to \$1,750 to reimburse for travel to national conferences, educational books or electronic/web learning tools, USMLE Step 3 fees, etc. (has been reduced to \$500 for PGY-1 residents, \$1,000 for PGY-2 residents, and \$1,500 for PGY-3 and above residents and fellows)
- PDA’s provided by the hospital at no charge
- alpha pagers provided by the hospital at no charge
- monogrammed lab coats (four initially and three each subsequent year)
- meals in the hospital cafeteria at no charge
- parking in the hospital garage at no charge
- annual vacation (two to three weeks depending on the program)
- annual sick leave (up to 21 working days annually – not cumulative)
- 24 hour access to the Medical Library

- Copying in the Library at no charge
- Web-based access to Library electronic databases at no charge, including Up-to-Date and Visual DX
- Interlibrary loans for resources not available within the Library or via the internet at no charge
- Call quarters within the hospital

Minor improvements have been made to several resident call areas, including Pediatrics, Family Medicine, and the main resident call area on the 7<sup>th</sup> floor for Internal Medicine, Orthopaedic Surgery, Surgery, and the Transitional Year residents. Renovation in the West Wing 6 Conference Room, used by several departments for morning and noon conferences, has been ongoing during the year. New audiovisual and computer equipment has been installed, and new tables and chairs are scheduled for delivery by August 2009.

### **Strategic Planning**

#### **Clinical**

- Complete the establishment of the Faculty Practice Plan
- Search for a permanent Chair of the Department of Internal Medicine
- Search for a Chair of the Department of Orthopaedic Surgery due to the upcoming retirement of the current Chair
- Search for a Chair of the Department of Obstetrics and Gynecology due to the resignation of the current Chair
- Complete the renegotiation of the major affiliation agreement between UT and Erlanger

#### **Education**

- Assist the OB/GYN Residency in addressing citations and proposed probation
- Obtain approval to begin a Colon and Rectal Surgery Fellowship to begin July 2010
- Facilitate inter-disciplinary training programs in the Simulation Lab
- Continue recruitment of excellent residents and fellows, particularly in primary care residency programs
- Establish a Medical Student Education Committee (MSEC) for oversight of medical student education (Chaired by the Associate Dean and including Clerkship Directors, Erlanger Chief Medical Officer; and Director of Graduate and Medical Student Education)
- Establish the Neurology and Psychiatry Clerkships for medical students to begin May 2010 (have details finalized by third and fourth year scheduling in February and March 2010)
- Maintain continued accreditation with potentially limited or reduced federal and state funding
- Facilitate the community service projects of the House Staff Association and the Gold Humanism Honor Society
- Continue to improve medical student activities, and establish a strong medical student chapter of the American Medical Student Association

**Research**

- Continued development of the Office of Research
- Increase NIH/federal grants and funding
- Continued development Nanotechnology Research Group and Center for Independent Living Research (CILVR) Group

**Community**

- Coordinate development and fundraising activities for UTCOMC
- Facilitate the Medical Library preservation project

DCS:RCF:PDS

## 2008 - 2009 UTCOMC Faculty Publications

Last name	First name	Department	Article title	Citation	Authors as listed	Year
Adams	SM	Family Medicine	Sudden infant death syndrome	Am Fam Physician 2009 May 15;79(10):870-4.	Adams SM, Good MW, Defranco GM	2009
Adams	SM	Family Medicine	Pharmacologic management of adult depression	Am Fam Physician 2008 Mar 15;77(6):785-92. Review	Miller KE, Zylstra RG	2008
Choby	BA	Family Medicine	Diagnosis and treatment of streptococcal pharyngitis	Am Fam Physician. 2009 Mar 1;79(5):383-90.	Choby BA	2009
Choby	BA	Family Medicine	Information from your family doctor. Toilet training	Am Fam Physician. 2008 Nov 1;78(9):1066.	Choby BA, George S	2008
Choby	BA	Family Medicine	Toilet training	Am Fam Physician 2008 Nov 1;78(9):1059-64.	Choby BA, George S	2008
DeFranco	GM	Family Medicine	Sudden infant death syndrome	Am Fam Physician 2009 May 15;79(10):870-4.	Adams SM, Good MW, Defranco GM	2009
Jenkinson	DM	Family Medicine	Supplements and sports	Am Fam Physician. 2008 Nov 1;78(9):1039-46.	Jenkinson DM, Harbert AJ.	2008
Standridge	JB	Family Medicine	Treating addiction, seriously	South Med J. 2008 Feb;101(2):122.		2008
Zylstra	RG	Family Medicine	Prevalence of osteoporosis in community-dwelling individuals with intellectual and/or developmental disabilities	J Am Med Dir Assoc. 2008 Feb;9(2):109-13	Zylstra RG, Porter LL, Shapiro JL, Prater CD	2008
Zylstra	RG	Family Medicine	Pharmacologic management of adult depression	Am Fam Physician 2008 Mar 15;77(6):785-92. Review	Adams SM, Miller KE, Zylstra RG	2008
Heath	GW	Internal Medicine	Health-related factors associated with the healthcare costs of office workers	J Occup Environ Med 2008 May;50(5):593-601	Wilkerson GB, Boer NF, Smith CB, Heath GW	2008

2008 - 2009 UTCOMC Faculty Publications

Last name	First name	Department	Article title	Citation	Authors as listed	Year
Huffman	DM	Internal Medicine	Continuous subcutaneous pramlintide infusion (CSPI) therapy in patients with type I diabetes: Observations from a pilot study	Endocr Pract. 2009 Jun 22;1-20.	Huffman DM, McLean GW, Seagrove MA	2009
Panda	M	Internal Medicine	Locked lung by looped hernia: a case report.	Cases J 2009 Jan 8;2(1):29. [Epub ahead of print]	Rahman AA, Panda M	2009
Panda	M	Internal Medicine	Pulmonary tuberculosis in a young pregnant female: challenges in diagnosis and management	Infect Dis Obstet Gynecol. 2008;2008:628985	Maddineni M, Panda M	2008
Panda	M	Internal Medicine	An uncommon cause of lower gastrointestinal bleeding: a case report	Cases J 2008 Oct 13;1(1):235 [epub ahead of print]	Dutta G, Panda M	2008
Panda	M	Internal Medicine	Non-healing painful ulcers in a patient with chronic kidney disease and role of sodium thisulfate: a case report	Cases J 2008 Sep 23;1(1):178	Tindni A, Gaurav K, Panda M	2008
Panda	M	Internal Medicine	Uremic frost	Mayo Clin Proc 2008 Dec;83(12):1309	Bhattarai N, Panda M	2008
Panda	M	Internal Medicine	New foci of Buruli ulcer, Angola and Democratis Republic of Congo	Emerg Infect Dis 2008 Nov;14(11):1790-2	Kibadi K, Panda M, Tamfurn JJ, Fraga AG, Longatto Fiho A, Anyo G, Pedrosa J, Nakazawa Y, Suykerbuyk P, Meyers WM, Portaels F	2008
Panda	M	Internal Medicine	A middle-aged female with recurrent sinopulmonary infections: a case report	J Med Case Reports 2008 Apr 21;2:117	Yalavarthy UC, Panda M	2008
Panda	M	Internal Medicine	Limited Wegener's granulomatosis presenting as lung nodules in a patient with rheumatoid arthritis: a case report	Cases J 2008 Dec 23;1(1):417	Pai S, Panda M	2008
Ruffner	BW	Internal Medicine	State initiatives to cover the uninsured	Tenn Med 2008 Oct;101(10):35-7	Ruffner BW	2008

## 2008 - 2009 UTCOMC Faculty Publications

Last name	First name	Department	Article title	Citation	Authors as listed	Year
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	American College of Emergency Physicians Clinical Policies Subcommittee on Critical Issues in the Management of Adult Patients Presenting to the Emergency Department with Carbon Monoxide Poisoning	J Emerg Nurs. 2008 Apr;34(2):e19-32	Wolf SJ, Lavonas EJ, Sloan EP, Jagoda AS (20 collaborators)	2008
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	American College of Emergency Physicians Clinical Policies Subcommittee on Critical Issues in the Management of Patients Presenting to the Emergency Dept with Acetaminophen Overdose	J Emerg Nurs. 2008 Apr;34(2):e1-18.	Wolf SJ, Lavonas EJ, Sloan EP, Jagoda AS (20 collaborators)	2008
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	Clinical policy: critical issues in the management of patients presenting to the emergency department with acetaminophen overdose	J Emerg Nurs 2008 Apr;34(2):e1-18.	Wolf SJ, Heard K, Sloan EP, Jagoda AS, Decker WW, Diercks DB, Edlow JA, Fesmire FM, Godwin SA, Hahn SA, Howell JM, Huff JS, Lukens TW, Mason DL, Moon M, Napoli AM, Nazarian D, Richmann J, Silvers SM, Thiessen ME, Wears RL, Hobgood CD, Seaberg DC, Whitson	2008

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Last name	First name	Department	Article title	Citation	Authors as listed	Year
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	Clinical policy: critical issues in the evaluation and management of adult patients presenting to the emergency with acute headache	Ann Emerg Med 2008 Oct;52(4):407-36.	Edlow JA, Panagos PD, Godwin SA, Thomas TL, Decker WW, Jagoda AS, Decker WW, Diercks DB, Diner BM, Edlow JA, Fesmire FM, Finnell JT 2nd, Godwin SA, Hahn SA, Howell JM, Huff, JS, Lavonas EJ, Lukens TW, Mason DL, Meinick E, Napoli AM, Nazarian D, Papa A, R	2008
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	Chest pain center accreditation is associated with better performance of centers for Medicare and Medicaid services core measures for acute myocardial infarction	Am J Cardiol 2008 Jul 15;102(20):120-4, Epub 2008 May 14.	Ross MA, Amsterdam E, Peacock WF, Graff L, Fesmire F, Garvey JL, Kelly S, Holmes K, Karunaratne HB, Toth M, Dadkhah S, McCord J.	2008
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	ACC/AHA 2008 performance measures for adults with ST-elevation and non-ST-elevation myocardial infarction	J Am Coll Cardiol 2008 Dec 9;52(24):2046-99.	Krumholz HM, Anderson JL, Bachelder BL, Fesmire FM et al.	2008
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	ACC/AHA 2008 performance measures for adults with ST-elevation and non-ST elevation	Circulation 2008 Dec 9;118(24):2596-648. Epub 2008 Nov 10.	Krumholz HM, Anderson JL, Bachelder BL, Fesmire FM et al.	2008
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	ACC/AHA 2008 performance measures for adults with ST-elevation and non-ST-elevation myocardial infarction	J Am Coll Cardiol. 2008 Dec 9;52(24):2046-99.	Krumholz HM, Anderson JL, Bachelder BL, Fesmire FM et al.	2008

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Last name	First name	Department	Article title	Citation	Authors as listed	Year
Fesmire	FM	Internal Medicine, Surgery, and Emergency Medicine	Clinical policy: critical issues in the evaluation and management of adult patients presenting to the emergency dept with acute headache	Ann Emerg Med. 2008 Oct;52(4):407-36	Edlow JA, Panagos PD, Godwin SA, Thomas TL, Decker WW, Amer Coll of Emer Physicians	2008
Adair	CD	OB/GYN	Impact of a 'rescue course' of antenatal corticosteroids: a multicenter randomized placebo-controlled trial	Am J Obstet Gynecol. 2009 Mar;209(3):248.e1-9.	Garite TJ, Kurtzman J, Maurel K, Clark R, Obstetrix Collaborative Research Network.	2009
Adair	CD	OB/GYN	Erythrocyte sodium/potassium ATPase activity in severe preeclampsia	J Perinatol. 2009 Apr;29(4):280-3. Epub 2009 Jan 22.	Adair CD, Hauptert GT Jr, Koh HP, Wang Y, Veille JC, Buckalew V.	2009
Adair	CD	OB/GYN	Digibind attenuates cytokine TNF alpha-induced endothelial inflammatory response: potential benefit role of digibind in preeclampsia	J Perinatol. 2009 Mar;29(3):195-200. Epub Jan 15.	Wang Y, Lewis DF, Adair CD, Gu Y, Mason L, Kipikasa JH.	2009
Adair	CD	OB/GYN	The hemodynamic effects of intravenous digoxin-binding fab immunoglobulin in severe preeclampsia: a double-blind, randomized, clinical trial	J Perinatol. 2009 Apr;29(4):284-9. Epub 2009 Jan 15.	Adair CD, Luper A, Rose JC, Russell G, Veille JC, Buckalew VM	2009
Adair	CD	OB/GYN	Repeated dosing of digoxin-fragmented antibody in preterm eclampsia	J Perinatol. 2009 Feb;29(2):163-5.	Adair CD, Buckalew VM, Kipikasa J, Torres C, Stallings SP, Briery CM	2009
Adair	CD	OB/GYN	Robotic-assisted laparoscopic placement of transabdominal cerclage during pregnancy	Am J Perinatol. 2008 Oct 8 [Epub ahead of print]	Wolfe L, Despasquale S, Adair CD, Torres C, Stallings S, Briery C, Pearce C	2008
Breen	JM	OB/GYN	Physician knowledge and opinions about sexually transmitted infections and the human papillomavirus vaccine: a community based survey	Tenn Med. 2009 Mar;102(3):33-5, 42.	Pearce CF, Wolfe LM, DePasquale SE, Breen JM	2009

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Last name	First name	Department	Article title	Citation	Authors as listed	Year
Breen	JM	OB/GYN	Use of misoprostol on an outpatient basis for postdate pregnancy	Int J Gynaecol Obstet 2005 Feb;88(2):108-111. Epub 2004 Dec 28. PMID:15694083	Kipikasa JH, Adair CD, Williamson J, Breen JM, Medford LK, Sanchez-Ramos L	2005
Briery	C	OB/GYN	Robotic-assisted laparoscopic placement of transabdominal cerclage during pregnancy	Am J Perinatol. 2008 Oct 8 [Epub ahead of print]	Wolf SJ, Lavonas EJ, Sloan EP, Jagoda AS (20 collaborators)	2008
Chamberlain	DH	OB/GYN	A multi-institutional experience with robotic-assisted radical hysterectomy for early stage cervical cancer	Gynecol Oncol. 2009 May;113(2):191-4. Epub 2009 Feb 26.	Lowe MP, Chamberlain D, Kamelle SA, Johnson PR, Tillmanns TD	2009
DePasquale	SE	OB/GYN	Physician knowledge and opinions about sexually transmitted infections and the human papillomavirus vaccine: a community based survey	Tenn Med. 2009 Mar;102(3):33-5, 42.	Pearce CF, Wolfe LM, DePasquale SE, Breen JM	2009
Despasquale	S	OB/GYN	Robotic-assisted laparoscopic placement of transabdominal cerclage during pregnancy	Am J Perinatol. 2008 Oct 8 [Epub ahead of print]	Wolfe L, Despasquale S, Adair CD, Torres C, Stallings S, Briery C, Pearce C	2008
Kipikasa	J	OB/GYN	Repeated dosing of digoxin-fragmented antibody in preterm eclampsia	J Perinatol. 2009 Feb;29(2):163-5.	Adair CD, Buckalew VM, Kipikasa J, Torres C, Stallings SP, Briery CM	2009
Kipikasa	J	OB/GYN	Digibind attenuates cytokine TNF alpha-induced endothelial inflammatory response: potential benefit role of digibind in preeclampsia	J Perinatol. 2009 Mar;29(3):195-200. Epub Jan 15.	Wang Y, Lewis DF, Adair CD, Gu Y, Mason L, Kipikasa JH.	2009
Stallings	SP	OB/GYN	Repeated dosing of digoxin-fragmented antibody in preterm eclampsia	J Perinatol. 2009 Feb;29(2):163-5.	Adair CD, Buckalew VM, Kipikasa J, Torres C, Stallings SP, Briery CM	2009
Stallings	S	OB/GYN	Robotic-assisted laparoscopic placement of transabdominal cerclage during pregnancy	Am J Perinatol. 2008 Oct 8 [Epub ahead of print]	Wolf SJ, Lavonas EJ, Sloan EP, Jagoda AS (20 collaborators)	2008

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Last name	First name	Department	Article title	Citation	Authors as listed	Year
Stallings	S	OB/GYN	Fact or fiction? Vitamins are harmless and are not "drugs"	Subst Use Misuse. 2008;43(3):535-7		2008
Torres	C	OB/GYN	Robotic-assisted laparoscopic placement of transabdominal cerclage during pregnancy	Am J Perinatol. 2008 Oct 8 [Epub ahead of print]	Wolfe L, Despasquale S, Adair CD, Torres C, Stallings S, Briery C, Pearce C	2008
Torres	C	OB/GYN	Repeated dosing of digoxin-fragmented antibody in preterm eclampsia	J Perinatol. 2009 Feb;29(2):163-5.	Adair CD, Buckalew VM, Kipikasa J, Torres C, Stallings SP, Briery CM	2009
Pearce	RM	Orthopaedic Surgery	Familial odontoid hypoplasia	Am J Med Genet A 2009 Jun;149A(6):1290-2	Stevens CA, Pearce RG, Burton EM	2009
Arant Jr	BS	Pediatrics	Rationale and procedures	J Urol 2008 May;179(5):1662-3. Epub 2008 Mar 17.		2008
Kohrt	AE	Pediatrics	Utilizing peer academic detailing to improve childhood immunization coverage levels	Health Promot Pract 2008 Oct 27 [Epub ahead of print]	Boom JA, Nelson CS, Kohrt AE, Kozinetz CA	2008
Stevens	CA	Pediatrics	Familial odontoid hypoplasia	Am J Med Genet A 2009 Jun;149A(6):1290-2	Stevens CA, Pearce RG, Burton EM	2009
Stevens	CA	Pediatrics	The hair collar sign	Am J Med Genet A. 2008 Feb 15;146(4):484-7	Stevens CA, Galen W	2008
Brzezienski	MA	Plastic Surgery	Surgical workforce shortage	Bull Am Coll Surg. 2008 Dec;93(12):45	Brzezienski MA	2008
Burton	EM	Radiology	Familial odontoid hypoplasia	Am J Med Genet A 2009 Jun;149A(6):1290-2	Stevens CA, Pearce RG, Burton EM	2009
Barker	DE	Surgery	Methicillin-resistant Staphylococcus aureus in a trauma population: does colonization predict infection	Am Surg. 2009 Jun;75(6):458-61; discussion 461-2.	Croft CA, Mejia VA, Barker DE, Maxwell RA, Dart BW, Smith PW, Burns RP	2009

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Last name	First name	Department	Article title	Citation	Authors as listed	Year
Barker	DE	Surgery	Adrenal suppression following a single dose of etomidate for rapid sequence induction: a prospective randomized study	J Trauma 2008 Sep;65(3):573-9.	Hildreth AN, Mejia VA, Maxwell RA, Smith PW, Dart BW, Barker DE	2008
Barker	DE	Surgery	Adrenal suppression following a single dose of etomidate for rapid sequence induction: a prospective randomized study	J Trauma 2008 Sep;65(3):573-9.	Hildreth AN, Mejia VA, Maxwell RA, Smith PW, Dart BW, Barker DE	2008
Burns	RP	Surgery	Methicillin-resistant Staphylococcus aureus in a trauma population: does colonization predict infection	Am Surg. 2009 Jun;75(6):458-61; discussion 461-2.	Croft CA, Mejia VA, Barker DE, Maxwell RA, Dart BW, Smith PW, Burns RP	2009
Burns	RP	Surgery	The developing crisis in the national general surgery workforce	J Am Coll Surg 2008 May;206(5):790-5; discussion 795-7. Epub 2008 Mar 3.	Cofer JB, Burns RP	2008
Burns	RP	Surgery	The historic role and questionable future of public hospitals.	J. Am Coll Surg. 2008 May;206(5):767-81. Epub 2008 Mar 17.		2008
Cofer	JB	Surgery	Operative experience of residents in US general surgery programs; a gap between expectation and experience	Ann Surg. 2009 May;249(5):719-24.	Bell RH Jr, Biester TW, Tabuenca A, Rhodes RS, Cofer JB, Brit LD, Lewis FR Jr.	2009
Cofer	JB	Surgery	Project access: giving back at home	Bull Am coll Surg. 2008 Jan;93(1):13-7	Cofer JB	2008
Cofer	JB	Surgery	The developing crisis in the national general surgery workforce	J Am coll Surg 2008 May;206(5):790-5; discussion 795-7. Epub 2008 Mar 3.	Cofer JB, Burns RP	2008
Cofer	JB	Surgery	Sclerosing mesenteritis masquerading as a small bowel mesentery neoplasm	Am Surg 2008 Aug;74(8):743-5	Rader M	2008

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Last name	First name	Department	Article title	Citation	Authors as listed	Year
Dart IV	BW	Surgery	Methicillin-resistant Staphylococcus aureus in a trauma population: does colonization predict infection	Am Surg. 2009 Jun;75(6):458-61; discussion 461-2.	Croft CA, Mejia VA, Barker DE, Maxwell RA, Dart BW, Smith PW, Burns RP	2009
Dart IV	BW	Surgery	Adrenal suppression following a single dose of etomidate for rapid sequence induction: a prospective randomized study	J Trauma 2008 Sep;65(3):573-9.	Hildreth AN, Mejia VA, Maxwell RA, Smith PW, Dart BW, Barker DE	2008
Erdoes	LS	Surgery	Balloon-expandable covered stent therapy of complex endovascular pathology	Ann Vasc Surg. 2008 Jun;22(6):762-8.	Giles WH, LeSar CJ, Sprouse LR II, Myers SI.	2008
Erdoes	LS	Surgery	Percutaneous mechanical thrombectomy of acute lower extremity ischemia.	Vasc Dis Mgmt. 5 Sept/Oct 08	Papillion P, Sprouse R, Fisher D, Allen K, Myers S, Greer M, LeSar C.	2008
Fisher	DC	Surgery	Percutaneous mechanical thrombectomy of acute lower extremity ischemia.	Vasc Dis Mgmt. 5 Sep/Oct 08.	Papillion P, Sprouse R, Allen K, Myers S, Greer M, Erdoes L, LeSar C.	2008
Greer	M	Surgery	Percutaneous mechanical thrombectomy of acute lower extremity ischemia.	Vasc Dis Mgmt. 5 Sep/Oct 08.	Papillion P, Sprouse R, Fisher DC, Allen K, Myers S, Erdoes L, LeSar C.	2008
Lesar	C	Surgery	Balloon-expandable covered stent therapy of complex endovascular pathology	Ann Vasc Surg 2008 Oct 13 [epub ahead of print]	Giles H, Lesar C, Erdoes L, Sprouse R, Myers S	2008
LeSar	CJ	Surgery	Percutaneous mechanical thrombectomy of acute lower extremity ischemia.	Vasc Dis Mgmt. 5 Sep/Oct 08.	Papillion P, Sprouse R, Fisher D, Allen K, Myers S, Greer M, Erdoes L.	2008
Maxwell	RA	Surgery	Methicillin-resistant Staphylococcus aureus in a trauma population: does colonization predict infection	Am Surg. 2009 Jun;75(6):458-61; discussion 461-2.	Croft CA, Mejia VA, Barker DE, Maxwell RA, Dart BW, Smith PW, Burns RP	2009
Maxwell	RA	Surgery	Advancements in cardiopulmonary resuscitation increasing circulation and improving survival.	Am Surg. 2009 May;75(5):359-62.	Ramsay PT	2009

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Last name	First name	Department	Article title	Citation	Authors as listed	Year
Maxwell	RA	Surgery	Adrenal suppression following a single dose of etomidate for rapid sequence induction: a prospective randomized study	J Trauma 2008 Sep;65(3):573-9.	Hildreth AN, Mejia VA, Maxwell RA, Smith PW, Dart BW, Barker DE	2008
Mejia	VA	Surgery	Adrenal suppression following a single dose of etomidate for rapid sequence induction: a prospective randomized study	J Trauma 2008 Sep;65(3):573-9.	Hildreth AN, Mejia VA, Maxwell RA, Smith PW, Dart BW, Barker DE	2008
Mejia	VA	Surgery	Methicillin-resistant Staphylococcus aureus in a trauma population: does colonization predict infection	Am Surg. 2009 Jun;75(6):458-61; discussion 461-2.	Croft CA, Mejia VA, Barker DE, Maxwell RA, Dart BW, Smith PW, Burns RP	2009
Myers	SI	Surgery	Balloon-expandable covered stent therapy of complex endovascular pathology	Ann Vasc. Surg. 2008 June;22(6):762-8.	Giles WH, LeSar CJ, Erdoes L, Sprouse LR.II.	2008
Myers	SI	Surgery	Percutaneous mechanical thrombectomy of acute lower extremity ischemia.	Vasc Dis Mgmt. 5 Sept/Oct 08.	Papillion P, Sprouse R, Fisher D, Allen K, Greer M, Erdoes L, LeSar C.	2008
Smith	PW	Surgery	Adrenal suppression following a single dose of etomidate for rapid sequence induction: a prospective randomized study	J Trauma 2008 Sep;65(3):573-9.	Hildreth AN, Mejia VA, Maxwell RA, Smith PW, Dart BW, Barker DE	2008
Smith	LA	Surgery	Eosinophilic esophagitis: a rare cause of esophageal rupture in children.	Am Surg. 2008 Aug;74(8):750-2.	Giles H, Smith L, Tolosa D, Miranda MJ, Laman D.	2008
Smith	PW	Surgery	Methicillin-resistant Staphylococcus aureus in a trauma population: does colonization predict infection	Am Surg. 2009 Jun;75(6):458-61; discussion 461-2.	Croft CA, Mejia VA, Barker DE, Maxwell RA, Dart BW, Smith PW, Burns RP	2009
Sprouse III	R	Surgery	Balloon-expandable covered stent therapy of complex endovascular pathology	Ann Vasc Surg 2008 Oct 13 [epub ahead of print]	Giles H, Lesar C, Erdoes L, Sprouse R, Myers S	2008
Sprouse III	R	Surgery	Percutaneous mechanical thrombectomy of acute lower extremity ischemia.	Vasc Dis Mgmt. 5 sept/Oct 08.	Papillion P, Fisher D, Allen K, Myers S, Greer M, Erdoes L, LeSar C.	2008

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Seaberg	DC	Surgery/Emergency Medicine	Clinical policy: critical issues in the management of patients presenting to the emergency department with acetaminophen overdose	J Emerg Nurs 2008 Apr;34(2):e1-18.	Wolf SJ, Heard K, Sloan EP, Jagoda AS, Decker WW, Diercks DB, Edlow JA, Fesmire FM, Godwin SA, Hahn SA, Howell JM, Huff JS, Lukens TW, Mason DL, Moon M, Napoli AM, Nazarian D, Richmann J, Silvers SM, Thiessen ME, Wears RL, Hobgood CD, Seaberg DC, Whitson RR	2008
Seaberg	DC	Surgery/Emergency Medicine	Clinical policy: critical issues in the evaluation and management of adult patients presenting to the emergency with acute headache	Ann Emerg Med 2008 Oct;52(4):407-36.	Edlow JA, Panagos PD, Godwin SA, Thomas TL, Decker WW, Jagoda AS, Decker WW, Diercks DB, Diner BM, Edlow JA, Fesmire FM, Finnell JT 2nd, Godwin SA, Hahn SA, Howell JM, Huff JS, Lavonas EJ, Lukens TW, Mason DL, Meinick E, Napoli AM, Nazarian D, Papa A, Richmann J, Silvers SM, Sloan EP, Thiessen ME, Wears RL, Wolf SJ, Hobgood CD, Seaberg DC, Whitson RR	2008
Seaberg	DC	Surgery/Emergency Medicine	Does a waiting room video about what to expect during an emergency department visit improve patient satisfaction?	CJEM 2008 Jul;10(4):347-54	Papa L, Seaberg DC, Rees E, Ferguson K, Stair R, Goldfeder B, Meurer D	2008