

**2010-2011**  
**Summary of Scholarly Activities**  
**Department of Neurosurgery**

**I. PUBLISHED JOURNAL ARTICLES, BOOK CHAPTERS, AND PATENTS**

**II. PUBLISHED ABSTRACTS**

**III. PUBLISHED BOOKS**

**IV. INVITED PRESENTATIONS**

Martino AM. Invited speaker. Cervical spine trauma. Greater Gulf Coast Trauma Symposium; 2011 Mar 24; Mobile, AL.

Martino AM. Invited speaker. Pediatric CNS malignancies: neurosurgical and radiation treatment updates. Oncology Outlook 2011; 2011 May 7; Point Clear, AL.

Martino AM. Invited speaker. Concussion awareness. Med School Café Lecture and Round Table; 2011 Aug 25; Mobile, AL.

**V. NATIONAL PROFESSIONAL RECOGNITION**

**VI. BRIEF SUMMARY OF ACTIVITIES AND PROGRESS**

The Department of Neurosurgery has undergone a transition in leadership this year as Dr. Eugene Quindlen has stepped down as Chair after 25+ years of service. Dr. Anthony Martino has assumed the role of Acting Chair as of April 2011. Dr. Quindlen remains clinically involved, participating in daily rounds and performing elective surgeries. The department continues to increase the number of patient visits and surgical procedures performed. As the department has grown, the need has developed to address manpower needs. This has led to the hire of a new mid level provider. We currently have two colleagues that function as assistants in surgery and provide call support. We continue to co-sponsor the weekly Neuroradiology Conference, as an excellent collaborative effort with neurology and neuroradiology. This year, in conjunction with the Department of Neurology, the department opened the neuromonitoring unit at the USA Medical Center.

The neuro-oncology clinic at the MCI remains active with the Cyberknife program. We have started to perform radiosurgical procedures on pediatric patients for the first time. Along with teaching responsibilities for the second, third and fourth year medical students we are supporting a Ph.D. nursing student (Ashley Manass) for her research project for the next 24 months.

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Dr. Anthony Martino continues the department's participation in Children's Rehabilitative Services for the State of Alabama. He is active in the local area chapters of the Spina Bifida Association and Think First Head Injury Prevention. As an extension of the work with head injury prevention he has given lectures on concussion awareness. He is in the process of organizing a region wide concussion management program with regional middle and high schools. Dr. Martino served as Co-Course Director with Dr. John R. Russell for the Oncology Outlook Conference held at The Marriott Point Clear on May 5-7, 2011.

Dr. George Rusyniak has initiated the epilepsy surgery program this year. Although only a small volume to date, seizures have been controlled in all patients operated on. He has given multiple lectures to medical students, at all levels, and residents on neuroanatomy and neurosurgical case management.