

2010-2011
Summary of Scholarly Activities
Department of Emergency Medicine

I. PUBLISHED JOURNAL ARTICLES, BOOK CHAPTERS, AND PATENTS

Anz AW, Schweppe M, Halvorson J, Bushnell B, Sternberg M, Koman LA. Management of venomous snakebite injury to the extremities. J Am Acad Orthop Surg. 2010 Dec;18(12):749-59.

Sternberg ML, Lasenbee N. Lymphangioma circumscriptum with secondary cellulitis. Consultant for Pediatricians. 2011 Apr 1;10(4):1-2. Available from: <http://www.pediatricsconsultantlive.com/display/article/1803329/1834281>

II. PUBLISHED ABSTRACTS

III. PUBLISHED BOOKS

IV. INVITED PRESENTATIONS

Pettyjohn F. Invited speaker. Cardiology review of common problems for Aviation Medical Examiner and Flight Surgeons. US Army, School of Aviation Medicine; 2010 Oct 15; Fort Rucker, AL.

Pettyjohn F. Invited speaker. Cardiology review of common problems for Aviation Medical Examiner and Flight Surgeons. US Army, School of Aviation Medicine; 2011 Mar 4; Fort Rucker, AL.

Pettyjohn F. Invited speaker. Cardiology review of common problems for Aviation Medical Examiner and Flight Surgeons. US Army, School of Aviation Medicine; 2011 Jul 20; Fort Rucker, AL.

Pettyjohn F, McKeon JF, McGhee JS, Quattlebaum MD. Invited speaker. Atrial fibrillation in aircrew – when is ablation considered? 59th International Congress of Aviation and Space Medicine; 2011 Sep 14; Bucharest, Romania.

Rivers TN. Invited speaker. Trauma center care. Naval Operations Medical Institute; 2011 Apr 5; Pensacola, FL.

Rivers TN. Invited speaker. Lower extremity injuries. Naval Operations Medical Institute; 2011 May 6; Pensacola, FL.

V. NATIONAL PROFESSIONAL RECOGNITION

Michael R. Ambrose serves as a member of the Secretary of Veterans Affairs Advisory Committee for Former Prisoners of War.

Antonio L. Pacheco serves in the following positions: Member, Communication and Technology Committee, Member, Alabama College of Emergency Physicians (Alabama Chapter).

Frank S. Pettyjohn serves in the following positions: Cardiology Consultant to the Federal Aviation Administration; Board of Directors and Past-President, International Academy of Aviation and Space Medicine; Board of Directors, American College of Emergency Physicians (Alabama Chapter); Medical Director, Region 6 State of Alabama (Gulf Coast) EMS Region.

Terry N. Rivers serves in the following positions: Member, Emergency Medicine Services Committee, Member, Alabama College of Emergency Physicians (Alabama Chapter).

Michael L. Sternberg serves in the following positions: Board of Directors, Southwest Alabama Emergency Medicine Services; Chairman, Bylaws Committee, American College of Emergency Physicians (Alabama Chapter); Public Relations Committee, American College of Emergency Physicians (Alabama Chapter).

VI. BRIEF SUMMARY OF ACTIVITIES AND PROGRESS

The Department of Emergency Medicine emphasizes excellence in Clinical Emergency Medicine, education of housestaff and medical students, and the ongoing academic development of the Faculty. The primary objective is to develop and implement broad-based educational programs utilizing bedside clinical teaching and advanced educational technologies.

The goal of acquiring a full Residency Program in Emergency Medicine remains a high priority. It is fully supported by the Dean, College of Medicine, Vice President for Health Sciences, and the Faculty. Recruitment of additional faculty is underway to maintain clinical capabilities, enhance the teaching program, and provide the core Faculty for the Emergency Medicine Residency Program.

EDUCATION: The Faculty of the Department of Emergency Medicine continues to emphasize education. The Emergency Medicine Interest Group has been reconstituted to further Emergency Medicine education. Medical students continue to voluntarily select the Emergency Medicine rotation as one of the most sought after training sites in the College of Medicine.

The Department of Emergency Medicine provides core faculty for the Introduction to Clinical Medicine course in the second year. This adds to the educational experience for

the medical students and provides early interaction with the Emergency Medicine Attending Faculty. Michael Sternberg, M.D. directs the teaching activities for the third- and fourth-year medical student elective and the Acting Intern Program. Frank S. Pettyjohn, M.D. serves as Medical Director, School of Continuing Education, EMS Training Program providing education for Physicians, Housestaff, Medical Students and Emergency Medical Technicians/Paramedics.

RECRUITING PROGRESS: The recruiting program continues to be active with the goal of obtaining Emergency Medicine Residency Trained and Board Certified Emergency Medicine Physicians to meet the Emergency Medicine Residency Review Committee requirements.

FACULTY DEVELOPMENT: Michael L. Sternberg, M.D. serves as Director for the Emergency Medicine Residency Program development. Participation by faculty in national Alabama College of Emergency Physicians Medical Director and leadership courses are considered a priority.

CLINICAL FACILITIES: During the 2010-2011 program year, the Department of Emergency Medicine continued to support the operations of the University of South Alabama Medical Center, Level I Trauma Center and Emergency Department.

The Departmental offices are on the 10th floor of the University of South Alabama Medical Center. These facilities include advanced audiovisual capabilities, 35mm and digital photographic laboratory, PowerPoint slide development and presentation production areas, and a computer learning system. A simulation laboratory has been constructed at the USA Medical Center. The overall computer support system in the University of South Alabama Medical Center Emergency Department has implemented an upgraded hospital intranet providing ready access to laboratory data and radiology. The ED has updated the computer and viewing screens for teleradiology which provides the same resolution as the Department of Radiology. A telemedicine capability in the Emergency Medicine Conference Room facilitates educational conferences by national and international experts along with the internal programs of Medicine and Surgery.

Close coordination between the University of South Alabama Medical Center, Level I Trauma Center, and the Children's and Women's Evaluation Center has been maintained to provide rapid response for appropriate patient care and transfer requests. Coordination is also maintained between the Department of Obstetrics/Gynecology at the U.S.A. Children's and Women's Hospital and the U.S.A. Medical Center Emergency Department to provide rapid treatment capabilities for adult patients presenting to Children's and Women's Hospital with acute medical or surgical conditions.

RESEARCH: The Division of Clinical Research entered the sixteenth year of operation. The primary clinical site is the Moorer Building which is located on the University of South Alabama Medical Center Campus. The program is under the direction of the Principal Investigator, Frank S. Pettyjohn, M.D., with Afifa Halim-Kirolos, M.D., as the Coordinator of the Clinical Research Division. All members of the Attending Faculty of

the Department of Emergency Medicine support the ongoing clinical research studies. Current projects cover a wide range of clinical areas, ranging from anti-hypertensive agent trials, dyslipidemic treatment trials, and combined hypertension with diabetes trials. This clinical research provides a unique opportunity, clinical support, and an educational location for the Department of Emergency Medicine.