
2010-2011
Summary of Scholarly Activities
Department of Radiology

I. PUBLISHED JOURNAL ARTICLES, BOOK CHAPTERS, AND PATENTS

Brogdon BG. Definitions in forensics and radiology. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 1, p. 3-7.

Brogdon BG, Lichtenstein JE. Forensic radiology in historical perspective. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 2, p. 9-23.

Brogdon BG. Scope of forensic radiology. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 3, p. 25-39.

Brogdon BG. The radiological expert. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 4, p. 43-54.

Brogdon BG. Radiological identification: anthropological parameters. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 8, p. 85-106.

Brogdon BG. Radiological identification of individual remains. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 12, p. 153-76.

Brogdon BG, Messmer JM. Forensic radiology of gunshot wounds. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 15, p. 211-40.

Brogdon BG. Child abuse. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 17, p. 255-78.

Brogdon BG, McDowell JD. Abuse of intimate partners and of the elderly. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 18, p. 279-93.

Brogdon BG, Vogel H, Algra PR. Smuggling/border control. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 19, p. 297-310.

Brogdon BG. Larceny. In: Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. Chapter 21, p. 335-39.

II. PUBLISHED ABSTRACTS

Brogdon BG. Pediatric radiology: accidents, abuse, and mimics of fractures. The Proceedings of the American Academy of Forensic Sciences 61st Annual Scientific Meeting; 2011 Feb 21- 26; Chicago, IL. p. 55. Abstract no. W5.

III. PUBLISHED BOOKS

Thali MJ, Viner MD, Brogdon BG, editors. Brogdon's forensic radiology. 2nd ed. Boca Raton, FL: CRC Press; 2011. 630 p.

IV. INVITED PRESENTATIONS

Brogdon BG. Invited speaker. Forensic radiology and radiography: historical perspective current status and future challenges. RSNA 2010, 96th Scientific Assembly and Annual Meeting; 2010 Dec 1; Chicago, IL.

Brogdon BG. Invited speaker. Expensive errors. The Southern Radiological Conference 2011; 2011 Jan 29; Point Clear, AL.

Khullar S. Invited speaker. Nuclear medicine in CNS imaging. The Southern Radiological Conference 2011; 2011 Jan 28; Point Clear, AL.

V. NATIONAL PROFESSIONAL RECOGNITION

Dr. Byron G. Brogdon is a member of the Advisory Board of Virtopsy Foundation, Berne, Switzerland; Dr. Brogdon serves as member of the National Institute of Justice/Forensic Science Foundation Research Grant Committee. He is a member of the Forensic Science Foundation Research Committee and a referee for the Forensic Science Foundation Acorn and Lucas Grants. Dr. Brogdon serves on the Awards Committee and the Historical Committee of the General Section of the AAFS. He is on the Board of Directors of the Senior Radiological Section of the American Skeletal Society and was chairman for the 2011 meeting. Dr. Brogdon served as a moderator for the Senior Section Lecture Series at the AARS 2011. He is an evaluator of graduate degree thesis for the University of Western Australia. Dr. Brogdon has been named the Expert Consultant to the Minister of Health in Singapore. There is a film panel named in the honor of Dr. Brogdon at The Southern Radiological Conference annual meeting and the Brogdon Panel is an annual event at the meeting of the American Alliance of Academic Chief Residents in Radiology. To add to Dr. Brogdon's accomplishments for this past year, Dr. Brogdon was the featured speaker at The International Association of Forensic Radiographers in Manchester, GB. He has contributed expert testimony to numerous civil and criminal cases across the United States. Dr. Brogdon served as a judge for the Emerging Forensic Scientist Award

at the AAFS Annual Meeting. He reviews manuscripts and abstracts for the *Journal of Forensic Sciences and Forensic Science International*. He is Patron of the International Association of Forensic Radiographers.

Dr. Brad A. Steffler serves on the Economics Committee/Work Group of The Society of Interventional Radiology. He serves as the Carrier Advisory Committee representative in Alabama for Interventional Radiology for the Society of Interventional Radiology.

VI. BRIEF SUMMARY OF ACTIVITIES AND PROGRESS

Dr. Jeffrey C. Brandon who was serving as Acting Chairman has been appointed Chairman, department of Radiology.

Dr. Byron G. Brogdon (Emeritus) conducts two to three Orthopaedic conferences as well as two to three Interesting Case conferences per month for the Radiology Residents although he is a Distinguished Emeritus Professor at the University. He serves as a consultant for cases within the University.

Dr. Donald E. Herbert (Emeritus) serves as a member of the Biological Effects Subcommittee of the American Association of Physicists in Medicine. He continues to serve as a reviewer for the *Journal Medical Physics*. He has been invited to prepare another chapter on Modern Statistical Modeling for the monograph; *Advances in Medical Physics 2012*. Dr. Herbert is also working on a paper entitled *Misclassification of Pulmonary Hypertension in adults with Sickle Hemoglobinopathies using Doppler-Echocardiography*. Dr. Herbert continues to revise and expand his series of lectures on medical statistics: *Models in Medicine*. He continues to work on a monograph, *An Introduction to the Strange and Violent World of Nonlinear Dynamics*, and a series of tutorial papers on: *Systems Biology: A New Biology for Medicine*, *Estimation and Inference on Heterogeneous Data: The EM and MCMC Methods* and *An Introduction to Evidence-based Statistics: Bernard's Dilemma, 1 Stein's Paradox and Bayes' Theorem*. He is Emeritus Professor in the Department of Radiology.

Dr. Samuel A. McQuiston serves as the Director of Courses for COM Students interested in Radiology as a profession and as a part of their electives. Dr. McQuiston provides CME lectures on Thoracic Radiology and he also reviews cases of interest to residents. Dr. McQuiston gave 1st Year Orientation to 2009 incoming Radiology Residents. Dr. McQuiston served as a member of USAMC Professional Improvement Committee. Dr. McQuiston serves as a member on the Curriculum Committee (CUR) and the Continuing Medical Education Committee (CME), as well as a member of the Radiology Residency Review Committee.

Dr. Yasmeen A. Qureshi serves as a member of the Resident Interview/Selection Committee for the Department of Radiology. She also as a member on the Trauma/Burn Q/A Committee for the University. Dr. Qureshi gives CME lectures on Mammography. Dr. Qureshi continues to promote Breast MRI Service. Dr. Qureshi is also involved in Women's Imaging and programs including U/S guided and MRI guided breast biopsies. To add, she continues to be involved in INTACT Biopsy device for breast masses treated non-operatively. She serves on the Biomedical Environment and Diversity Committee for the University. She was elected Secretary for College Senate Faculty.

Dr. Brad A. Steffler is in the process of writing part of a chapter on Diagnostic Radiology, for a textbook on Neurological Physical Therapy with Dr. Dennis Fell who is the Chairman of the Physical Therapy Department at USA. He continues to build and improve the Interventional Pain Clinic Practice at the University. Dr. Steffler has been appointed an Associate Member of The Mitchell Cancer Institute.