

**2000-2001
SUMMARY OF SCHOLARLY ACTIVITIES
DEPARTMENT OF RADIOLOGY**

I. ARTICLES PUBLISHED IN BOOKS AND JOURNALS

A. Full-length published articles

J.C. Brandon, S.D. Izenberg, P.A. Fields, C. Evankovich, and S.K. Teplick. Pancreatic Clefts Caused by Penetrating Vessels: A Potential Diagnostic Pitfall for Pancreatic Fracture on CT. *Emerg. Radiol.* 7:283-286 (2000).

J.C. Brandon, S.D. Izenberg, B. Nguyen, J. Sullivan, C. Evankovich, and S.K. Teplick. Helical CT Scanning for the Diagnosis of Acute Appendicitis: The Usefulness of Obliquely Reconstructed Image. A Case Report. On-line J. Dig. Health. www.ojdh.org/cme.dir/brandon.html (2001).

J.C. Brandon, S. Khader, M.S. Figarola, C. Evankovich, and S.K. Teplick. The Lesser Curvature Fold: A New Plain Film Finding for Diagnosing a Paraesophageal Hernia. *Emerg. Radiol.* 8:117-118 (2001).

B.G. Brogdon. Gold Medallist Tribute: Arvin E. Robinson. *Acad. Radiol.* 7:1026-1027 (2000).

B.G. Brogdon. Photo Page: Pub. Cat. Am. J. Roent. 117:520 (2001).

M.D. Harpen. Partial Wave Analysis of the Ultrasound Comet Tail Artifact. *Med. Phys.* 27(9):2072-2076 (2000).

D. Herbert (for) and G. Ezzell (against). Invited Point/Counterpoint. Medical Physics Education Programs Should Include an In-Depth Course in Statistics and Mathematical Modeling of Human Anatomy and Physiology. *Med. Phys.* 29(5): 709-711 (2001).

D. Lurie, J. Mendizabal, F. Greiner, and R. Zweifler. Do Early CT Changes Predict Clinical Outcome Following Administration of Intravenous R-Tpa for Acute Ischemic Stroke? *Stroke* 31(1):276 (2000).

N.C. Patel, B.G. Brogdon, M.G. Srnith, and A. Adekal. Tuberculous Dactylitis (Spina Ventosa) Secondary to Pulmonary Tuberculosis. *Appl. Radiol.* 29:34-35 (2000).

R. Sachasinh and B.G. Brogdon. Unenhanced Helical CT: The "Unbeatable Emergency Examination of Acute Flank Pain. *Emer. Radiol.* 7:315-317 (2000).

B. Articles in press

B. G. Brogdon. Radiologic Applications. IN: W.U. Spitz (Ed.) Medicolegal Investigation of Death, 4th Edition, Chap. XXII. C. C. Thomas, Springfield, IL (2001).

J. Mendizabal and D. Herbert. Migraine and the Risk of Ischemic Stroke: A Meta-Analysis. Headache J. (2001).

A. Pack-Mabien, E. Labbe, D. Herbert, and J. Haynes, Jr. Nurses' Attitudes and Practices in Sickle Cell Pain Management. App. Nurs. Res. (2001).

R. L. Wesenberg. The Child With Cough and Fever. Book Chapter. IN: S. Hilton and E. Edwards (Eds.) Practical Pediatric Radiology. W. B. Sanders Co. (2001).

II. PUBLISHED ABSTRACTS.

B. G. Brogdon. Four Shots in the Basement: Radiologic Evaluation of a Non-fatal Shooting. Proc. Am. Acad. Forensic Sci., p. 122 (2001).

B. G. Brogdon. Bone Cyst Secondary to Intraosseous Bullet. Abstract Book. Ann. Mtg. Int. Skeletal Soc., p.15 (2001).

III. BOOKS PUBLISHED

J.C. Brandon and S.K. Teplick (Eds.) Nonsurgical Therapies for the Gut and Abdominal Cavity. Thieme Med. Publ., Inc. (2001).

IV. PRESENTATIONS

B. G. Brogdon. Reflections on the 33-year History of IDKD. Int. Diagnostic Course, Davos, Switzerland (2001).

B. G. Brogdon. Four Shots in the Basement: Radiologic Evaluation of a Non-fatal Shooting. (1) South. Radiol. Conf., Point Clear, AL and (2) Am. Acad. Forensic Sci., Ann. Mtg., Seattle, WA (2001).

B. G. Brogdon. Bone Cyst Secondary to Intraosseous Bullet. Ann. Mtg., Int. Skeletal Soc., Quebec City, Canada (2001).

D. Herbert. (1) Contending Models of Causal Inference: Population, Randomization (Re-Sampling), Bayesian: An Overview; and (2) Statistical Methods Workshop. 6th Int Conf., Dose, Time, and Fractionation in Radiation Oncology, Madison, WI (2001).

F. Greiner. Imaging of the Shoulder. USA Primary Care Sports Medicine: Orthopaedic Review with Workshops, Destin, FL (2001).

V. NATIONAL PROFESSIONAL RECOGNITION

J.C. Brandon is a peer reviewer for the following journals: *Journal of Vascular and Interventional Radiology*, *Journal of Interventional Radiology*, *American Journal of Roentgenology* and the *Southern Medical Journal*. He is a member of the SCARD Committee on Education and Training and the Scientific Exhibits Committee of the Radiological Society of North America. He is a Board Examiner for the American Board of Radiology and is published in Who's Who in America (2002), Who's Who in the World (2001) and Who's Who in Medicine and Healthcare (2001).

B. G. Brogdon received the Distinguished Fellow Award and Medallion from the American Academy of Forensic Sciences, the first radiologist and 29th individual to be so-honored in the 53-year history of the organization. He also received the medal of the International Skeletal Society at its annual meeting in Quebec City. Dr. Brogdon continues as Chair of the Convention Planning Committee of the ISS, member of the Board of the Forensic Sciences Foundation, Chair of the Continuing Education Committee of the Am. Acad. Of Forensic Sciences, Editorial Board Member of the *Journal of Forensic Sciences and Surgical and Radiological Anatomy*. He was appointed to the 50th Anniversary Committee of the Association of University Radiologists.

D.E. Herbert was a member of the Steering Committee of the 6th International Conference on Dose, Time and Fractionation in Radiation Oncology held at the University of Wisconsin. He was Chairman of the Statistics Committee (AAPM), Task Group 5, "The Design of Experiments in Radiation Biology," and Task Group 7, "Complexity Theory" of the AAPM Biological Effects Committee, and a Consultant to the AAPM Task Group 44 Report "Academic Program for Degrees in Medical Physics" and a member of the AAPM Task Group 8, "Volumetric Tissue Response Models in Radiation Oncology."

S.K. Teplick is a manuscript reviewer for the *American Journal of Gastroenterology*, *Journal of Vascular and Interventional Radiology*, *Journal of Radiology*, *Journal of Gastrointestinal Endoscopy*, *Kidney International*, *American Journal of the Medical Sciences*, *Journal of the Society of Cardiovascular and Interventional Radiology*, and *Kidney International*. He is Chairman of the Educational Exhibits Committee for the Radiological Society of North America and member of the Educational & Research Council for RSNA. He is an RSNA reviewer for Awards in Excellence in Research and Education and RSNA Grant Reviewer. Dr. Teplick reviewed over 2000 abstracts for the 2001 Annual RSNA Educational Exhibits. He is a Board Examiner for the American Board of Radiology. Dr. Teplick is the Alternate Councilor to the American College of Radiology - Alabama Academy of Radiology. Dr. Teplick will present three talks, one abstract, and one poster at the 2001 Annual meeting of the American College of Gastroenterology.

VI. BRIEF SUMMARY OF DEPARTMENT ACTIVITIES AND PROGRESS

The Department of Radiology is pleased to welcome one new faculty member: Ian G. Malcolm.

Marco Dellaria is now teaching and practicing in Dallas, Texas.

Richard L. Wesenberg was awarded the "Outstanding Instructor Award" for 2001 by the graduating residents.

Frank G. Greiner successfully completed the ABR certificate of added qualifications in Vascular and Interventional Radiology.

Maria S. Figarola successfully completed the CAQ in Pediatric Radiology.

Developments

- 1) Two additional rural hospitals were also brought on line for a total of six hospital sites. VA Biloxi and VA Mobile added to teleradiology service.
- 2) Eglin Air Force Base teleradiology contract awarded to USA Department of Radiology.
- 3) Ultrasound and Teleradiology areas at USA MC were completed with additional space and updated equipment. Angiography suite at Knollwood pending.
- 4) Recruiting for Chief of Interventional Radiology.
- 5) New linear accelerator for cancer treatment to be installed at CC/CB. Pet Ct proposal pending approval.
- 6) Advance CT unit (volume zoom) installed at C&W.
- 7) USA College of Medicine, Department of Radiology, has fostered the formation of a 501C3 not-for-profit corporation of seven rural hospitals to improve health in rural Alabama.
- 8) Continue to move toward a filmless Department with PACS and multiple workstation.