

**James G. Ravenel, MD
CURRICULUM VITAE**

NAME: James G. Ravenel, MD

OFFICE ADDRESS:

Medical University of South Carolina (MUSC)
Department of Radiology
169 Ashley Avenue, Room 297
P. O. Box 250322
Charleston SC, 29455

EDUCATION

May 1988	A. B. Hamilton College, Clinton, NY. Biology (Honors).
May 1992	M.D. Bowman Gray School of Medicine, Winston-Salem, NC.

MILITARY EXPERIENCE

January 26, 1989	U.S. Navy-Commissioned as Ensign
May 18, 1992	Superseded to Lieutenant.
August 1993-August 1994	Battalion Surgeon, Combat Support Group, 3 rd Marine Division, Okinawa, Japan.
July 1994	Ground Combat Element Surgeon, Exercise Freedom Banner, Pohang, South Korea.
August 1994-June 1996	Battalion Surgeon, 2 nd Assault Amphibian Battalion, 2 nd Marine Division, Camp Lejeune, NC.
July 1996-January 2003	Individual Ready Reserve.
June 30, 1999	Promoted to Lieutenant Commander, U.S. Navy Reserve.
January 7, 2003	Honorable Discharge, U.S. Navy Reserve.

POST-GRADUATE

June 26, 1992-July 1, 1993	Surgical Intern, University of California-Davis, School of Medicine, East Bay, CA.
July 1, 1996-June 30, 2000	Radiology Resident, SUNY Upstate Medical University, Syracuse, NY.
July 1, 2000-June 30, 2001	Fellow, Thoracic Imaging, Duke University Medical Center, Durham, NC.

FACULTY APPOINTMENTS

July 1, 2001-June 30, 2005	Assistant Professor of Radiology, MUSC, Charleston, SC.
July 1, 2001-Present	Chief, Thoracic Imaging, MUSC, Charleston, SC.
July 1, 2002-Present	Clinical Director of Computed Tomography, MUSC, Charleston, SC.
July 1, 2004-Present	Assistant Residency Program Director, MUSC, Charleston, SC.
July 1, 2005-Present	Associate Professor of Radiology, MUSC, Charleston, SC.
July 1, 2006-Present	Vice Chairman for Education

LICENSURE

North Carolina Medical License
South Carolina Medical License

CERTIFICATION

July 1, 1993	Diplomat, National Board of Medical Examiners #410880.
--------------	--

May 17, 2000 Board Certified, American Board of Radiology.

AWARDS

1998 Roentgen Resident/Fellow Research Award.
2000 Roentgen Resident/Fellow Research Award.
2003-2004 Golden Apple Teaching Award, Department of Radiology, MUSC.

RESEARCH

1. Principal investigator, Medical University of South Carolina, Contemporary screening for lung cancer (ACRIN 6654).
2. Co-Principal Investigator, Assessing Barriers to Screening for Lung Cancer in Rural Populations: A Telephone and Written Survey. Department of the Army Prime Contract #DAMD17-02-2-0004. 11/01/01-10/31/02. Gerard Silvestri, MD, PI.
3. Co-Principal Investigator, ACRIN Trials, 2004-2010. William Conway, MD, Co-PI.
4. Co-Principal Investigator, Computer Aided Cancer Management, USAMRMC 04156002. Gerard Silvestri, MD, Co-PI. Two-year grant awarded 04/2005.
5. Co-Investigator, A Phase III study of delayed vs. immediate second-line therapy with Docetaxel after Gemcitabine + Carboplatin in advanced non-small cell lung cancer. Lilly BPEUSS245. Carol Sherman, MD, PI.
6. Co-Investigator, A Phase III trial of Cisplatin/Etoposide/Radiotherapy with consolidation Docetaxel followed by maintenance therapy with ZD1839 or placebo in patients with inoperable locally advanced stage III non-small cell lung cancer. (SWOG S0023). Carol Sherman, MD, PI.
7. Co-Investigator, Phase II trial of chronic oral ZD1839 (Iressa[®]) in both previously-untreated and previously-treated patients with selected stage IIIB and IV bronchioloalveolar carcinoma (BAC). (SWOG S0126). Carol Sherman, MD, PI.
8. Co-Investigator, Detection of occult mediastinal lymph node metastases. NIH grant # 1R21 CA97875-01. Michael Wallace, MD, PI.
9. Co-Investigator, A Phase II, open-label study of MAC-321 administered intravenously as a single agent for the treatment of non-small cell cancer refractory to platinum-based therapy. Wyeth 3128K1-201-WW, Carol Sherman, MD, PI.
10. Co-Investigator, A Phase I study of Topotecan in combination with Vinorelbine in recurrent lung cancer. GlaxoSmithKline, Mark Green, MD, PI.
11. Co-Investigator, BUILD-2: Bosentan use in interstitial lung disease. Actelion AC-052-330, Richard Silver, MD, PI.
12. Co-Investigator, Phase 3 randomized study of TLK286 versus Gefitinib (Iressa[®]) as third-line therapy in locally advanced or metastatic non-small cell lung cancer. Telik TLK286.3020, Mark Green, MD, PI.
13. Co-Investigator, A Phase II, Randomized, Open-Label Study Evaluating the Antitumor Activity of MEDI-522, A Humanized Monoclonal Antibody Directed Against the Human Alpha V Beta 3 Integrin, +/- Dacarbazine in Patients with Metastatic Melanoma. MedImmune, Frank Brescia, MD, PI.

14. Co-Investigator, A Phase III randomized, placebo-controlled, double blind study of oral CCI-779 administered in combination with Letrozole vs. Letrozole alone as first line hormonal therapy in postmenopausal women with locally advanced or metastatic breast cancer. Wyeth 3066A1-303-WW, Rayna Kneupper-Hall, MD, PI.
15. Co-Investigator, Renal Safety of VISIPAQUE™ (iodixanol) in Patients Undergoing Contrast-Enhanced Spiral CT. Joseph Schoepf, PI

INVITED LECTURES

1. Thoracic Manifestations of Collagen Vascular Disease. Radiology Grand Rounds. Upstate Medical University. January 20, 1998. Syracuse, NY.
2. Lymphoma in the Thorax. Chest Categorical Course. Upstate Medical University. November 3, 1999. Syracuse, NY.
3. Trends and controversies in the diagnosis of pulmonary embolism with an emphasis on spiral CT. Medical College of Georgia. December 11, 2000. Augusta, GA.
4. The Esophagus: A Thoracic Radiologist's Perspective. Southern Radiologic Conference. January 24, 2003. Point Clear, AL.
5. Lung Cancer Screening. Southern Radiologic Conference. January 24, 2003. Point Clear, AL.
6. Endoscopic Ultrasound in the Staging of Lung Cancer. Society of Thoracic Radiology. March 5, 2003. Miami, FL.
7. CT Screening for Lung Cancer. South Carolina Radiological Society Annual Meeting. March 22, 2003. Charleston, SC.
8. Screening for Lung Cancer and the National Lung Screening Trial; with Gerard Silvestri, MD. Medicine Grand Rounds, Medical University of South Carolina. April 1, 2003. Charleston, SC.
9. Lung Cancer: Staging with CT and PET. 8th Annual Perspectives in Thoracic Oncology. October 17, 2003. New York, NY.
10. From Carcinoid to Small Cell Carcinoma. Neuroendocrine Tumors of the Lung. Society of Thoracic Radiology. March 29, 2004. Rancho Mirage, CA.
11. Non-traumatic Thoracic Urgencies and Emergencies. American Roentgen Ray Society. May 6, 2004. Miami Beach, FL.
12. Debate: Screening for Lung Cancer (Against). 9th Annual Perspectives in Thoracic Oncology. October 1, 2004. New York, NY.
13. Diagnostic Imaging in the Evaluation for the Patient with a Suspicious SPN or a Confirmed New Diagnosis of Lung Cancer. 9th Annual Perspectives in Thoracic Oncology. October 1 & 2, 2004. New York, NY.
14. Lung Cancer Staging. Radiological Society of North America. December 1, 2004. Chicago IL.
15. Venous Imaging in Thromboembolic Disease. Charleston Course on Cardiothoracic Imaging. March 3, 2005. Charleston, SC.

16. Imaging of Lung Transplantation. Charleston Course on Cardiothoracic Imaging. March 4, 2005. Charleston, SC.
17. MDCT for Comprehensive assessment of Chest Trauma. Charleston Course on Cardiothoracic Imaging. March 4, 2005. Charleston, SC.
18. Lung Cancer Screening: Current Status. Charleston Course on Cardiothoracic Imaging. March 5, 2005. Charleston, SC.
19. Extra-cardiac Findings at Cardiac CT: A Practical Approach. The Charleston "Hands-On" Course 64-slice Cardiovascular CT. Charleston, SC.
20. Imaging of Pulmonary Vasculitis. Society of Thoracic Radiology. March 14, 2006. Orlando FL.
21. Venous Imaging in Thromboembolic Disease. Charleston Course on Cardiovascular Imaging. March 20-22. Kiawah Island, SC.
22. Radiation Dose Considerations in Cardiac CTA. Charleston Course on Cardiovascular Imaging. March 20-22. Kiawah Island, SC.
23. Interactive Review of Non-Cardiac Findings at Cardiac CTA. Charleston Course on Cardiovascular Imaging. March 20-22. Kiawah Island, SC.
24. Is Invasive Staging of Lung Cancer Essential? 11th Annual Perspectives in Thoracic Oncology. November 17-18, 2006. New York, NY.

SCIENTIFIC PRESENTATIONS

1. Screatton NJ, Ravenel JG, Lehner, PJ, Heitzman ER, and Flower CDR. Lemierre's syndrome: Radiologic findings. A report of 4 cases. European Congress of Radiology, 1999. Vienna, Austria.
2. Ravenel JG, Reed CE, Hawes RH, Hoffman BJ, Silvestri G, Olazagasti J, Wallace MB. Utility of endoscopic ultrasound in the staging of non-small cell lung cancer. American Roentgen Ray Society, May 1, 2002. Atlanta, GA.
3. Wallace M, Block M, Gillanders W, Hoover L, Ravenel J, Durkalski V, Hoffman B, Hawes R, Silvestri G, Reed C, Fraig M, Cole D, Mitas M. Detection of micrometases in mediastinal lymph nodes in non-small cell lung cancer patients by EUS-FNA and real-time rtPCR. American Association of Thoracic Surgery, May 4-7, 2003. Boston, MA.
4. Varadarajulu S, Schmulewitz N, Wildi SF, Ravenel J, Reed CE, Block M, Hoffman BJ, Hawes RH, Wallace MB. Accuracy of EUS in T4 staging in lung cancer. Digestive Disease Week, May 17-23, 2003. Orlando, FL.
5. Wallace MB, Wildi S, Schmulewicz N, Roberts S, Varadarajulu S, Ravenel J, Fraig M, Block M, Reed CE, Hawes RH, Hoffman BJ. EUS-FNA staging detects mediastinal metastases in patients with lung cancer and normal mediastinal computed tomography. Digestive Disease Week, May 17-23, 2003. Orlando, FL.
6. Taffoni M, Ravenel JG, Ackerman SJ. Prospective comparison of indirect CT venography versus duplex venous ultrasound for the detection of deep venous thrombosis in ICU patients undergoing CT pulmonary angiography. American Roentgen Ray Society, May 2-7, 2004. Miami, FL.

7. Jain RK, Strange C, Ravenel J, Aganovic L, Sahn SA. Correlates of Six-Minute Walk Test in Idiopathic Pulmonary Fibrosis. American College of Chest Physicians, October 23-28, 2004. Seattle, WA.
8. Lake DR, Costello P, Ravenel JG, Schoepf UJ. Nodule Enhanced Viewing: Impact on Routine Interpretation of Multi Detector-Row CT in a Clinical Environment. American Roentgen Ray Society, May 15-20, 2005. New Orleans, LA.
9. Jensen CT, Ravenel JG, Nguyen SA, Costello P, Schoepf UJ. Dual Flow Contrast Injection for Coronary CTA Improves Visualization of the Right Heart. North American Society for Cardiac Imaging, October 8-11, 2005. Amelia Island, FL.
10. Burch SR, Streck J, Savino G, Ravenel JG, Nguyen SA, Gantt PA, Herzog C, Costello P, Schoepf UJ. CT of the Heart: Improved Stenosis Detection and Robustness of Use with 64-slice CT. North American Society for Cardiac Imaging, October 8-11, 2005. Amelia Island, FL.
11. Bagg S, Gordon L, Ravenel JG. Documenting Performance: Do Evaluations Help or Hurt? Association of University Radiologists, Apr 5, 2006. Austin, TX.
12. Lake DR, Seekins JM, Cluver AR, Fernandez MJ, Ravenel JG, Schoepf UJ, Salganicoff M, Liang J, Nguyen S, Dundar M, Wolf M, Costello P. Computer-aided detection of peripheral pulmonary embolus on multi-detector row CT: Initial experience and impact on resident diagnosis. American Roentgen Ray Society, April 30-May 5, 2006. Vancouver, BC Canada.
13. Jensen CT, Ravenel JG, Nguyen SA, Costello P, Schoepf UJ. Dual Flow Contrast Injection for Coronary CTA Improves Visualization of the Right Heart. American Roentgen Ray Society, April 30-May 5, 2006. Vancouver, BC Canada.
14. Conway JD, Silvestri G, Reed C, Romagnuolo J, Hawes R, Ravenel J, Hoffman B. The incremental yield of EUS over endobronchial US and CT for detection of extrathoracic metastases in lung cancer. Digestive Disease Week, May 20-25, 2006. Los Angeles, CA.
15. Mayer F, Nguyen SA, Schoepf UJ, Ravenel JG. Extra-Cardiac Findings at Cardiac CT. Radiological Society of North America, November 26-December 1, 2006. Chicago, IL.

SCIENTIFIC AND EDUCATIONAL POSTERS

1. Ravenel JG and Groskin SA. Thoracic manifestations of collagen vascular disease. Association of University Radiologists, March 10-14, 1999. San Diego, CA.
2. Ravenel JG, Scalzetti EM, Huda W, Garrisi W. How much radiation is necessary to perform chest CT examinations? Fleischner Society, May 26-27, 2000. Kobe, Japan.
3. Ravenel JG, Groskin SA. Mediastinal masses from non-Hodgkins lymphoma and small cell carcinoma: Can chest CT findings predict the diagnosis? Society of Thoracic Radiology, March 24-28, 2002. San Francisco, CA.
4. Black DA, Ravenel JG, Brothers RL, Mardikian P. Radioarcheology: An advanced computed tomography evaluation of a sunken confederate submarine. Radiological Society of North America, December 1-6, 2002. Chicago, IL.
5. Wiczerzynski US, Aganovic L, Ravenel JG, McAdams HP. Pulmonary Vasculitis-Spectrum of Disease. American Roentgen Ray Society, May 4-9, 2003. San Diego, CA.

6. Ravenel JG, Wallace MB, Hoffman BJ. Endoscopic Ultrasound in the Evaluation of Thoracic Malignancies. Radiological Society of North America, November 30-December 5, 2003. Chicago, IL.
7. Wiczerzynski US, Aganovic L, Ravenel JG, McAdams HP. Pulmonary Vasculitis-Spectrum of Disease. Society of Thoracic Radiology, March 27-April 1, 2004. Rancho Mirage, CA.
8. Flume PA and Ravenel JG. Chest CT in CF patients with acute chest pain. 28th European Cystic Fibrosis Conference, June 22-25, 2005. Crete, Greece.
9. Ravenel JG, Wallace G, Nguyen S, Schoepf UJ. Negative Predictive Value of Combined CTPA/CTV in ICU patients. Society of Thoracic Radiology, March 12-16. Orlando, FL.
10. Bonsall RP, Lake D, Koester D, Ravenel JG, Gordon L. Resident Preference between Two Call Schedules. Association of University Radiologists, Apr 5-9, 2006. Austin, TX.
11. Kraas J, Ravenel JG. Chest Case of the Day. Radiological Society of North America, November 26-December 1, 2006. Chicago, IL.

PEER REVIEWED ARTICLES

1. Screaton NJ, Ravenel JG, Lehner PJ, Heitzman ER, Flower CDR. Lemierre Syndrome: Forgotten but not Extinct-Report of Four Cases. Radiology 1999; 213:369-374.
2. Ravenel JG, Scalzetti EM, Zamkoff KW. Chest Radiographic Features of Engraftment Syndrome. J Thorac Imaging. 2000; 15:56-60.
3. Ravenel JG, Lieberman KA, Wasenko JJ. Delayed Epidural after Evacuation of a Subdural Hematoma. Emergency Radiology. 2000; 7(2):111-113.
4. Ravin CE, Bergin D, Bissett G, Fine SA, Guo AV, Helms CA, Hollingsworth CL, Kirk SR, Ravenel JG. Image Interpretation Session: 2000. Radiographics. 2001; 21:267-287.
5. Ravenel JG, McAdams HP, Plankeel JF, Butnor KJ, Sporn TA. Sarcoidosis induced by interferon therapy. AJR. 2001; 177:199-201.
6. Ravenel JG, Goodman PC. Late pulmonary metastases from hemangiopericytoma of the mandible: Unusual findings on CT and MR imaging. AJR. 2001; 177:244-245.
7. Ravenel JG, Scalzetti EM, Huda W, Garrisi W. Radiation exposure and image quality in chest CT examinations. AJR. 2001; 177:279-284.
8. Ravenel JG, McAdams HP. Pulmonary venous infarction following radiofrequency ablation for atrial fibrillation. AJR. 2002; 178:664-666.
9. Ravenel JG, Heyneman LE, McAdams HP. CT diagnosis of macroscopic pulmonary fat embolism. J Thorac Imaging. 2002; 17:154-156.
10. Wahidi MM, Ravenel J, Palmer SM, McAdams HP. Progression of Idiopathic Pulmonary Fibrosis in Native Lungs After Single Lung Transplantation. Chest. 2002; 121:2072-2076.
11. Ravenel JG, Erasmus JJ. Azygoesophageal recess. J Thorac imaging. 2002; 17:219-226.
12. Wilson MA, Judson MA, Silvestri GA, Ravenel J. A Case of Primary Tracheal Paraganglioma. J Bronchol. 2003; 10:125-128.

13. Wallace MB, Block M, Hoffman BJ, Hawes RH, Silvestri G, Reed CE, Mitas M, Ravenel J, Fraig M, Miller S, Jones ET, Boylan A. Telomerase expression in lymph nodes of patients with non-small cell lung cancer. *Am J Respir Crit Care Med*. 2003; 167:1670-1675.
14. Ravenel JG, Gordon LL, Pope TL, Reed CE. FDG-PET uptake in occult acute pelvic fracture. *Skeletal Radiol*. 2004; 33:99-101.
15. Varadarajulu S, Schmulewitz N, Wildi SF, Ravenel J, Reed CE, Block M, Hoffman BJ, Hawes RH, Wallace MB. Accuracy of EUS in staging of T4 lung cancer. *Gastrointest Endosc*. 2004; 59:345-348.
16. Wallace MB, Ravenel J, Block MI, Fraig M, Silvestri G, Wildi S, Schmulewitz N, Varadarajulu S, Roberts S, Hoffman BJ, Hawes RH, Reed CE. Endoscopic Ultrasound in Lung Cancer Patients With a Normal Mediastinum on Computed Tomography. *Ann Thorac Surg* 2004; 77:1763-1768.
17. Pauls DR, Ravenel JG, Judson MA. Roentgenogram of the month: A neutropenic patient with rapidly progressive lung lesion. *Chest*. 2004; 126(4):1364-1367.
18. Block MI, Lefkowitz T, Ravenel JG, Leon S, Hannegan C. Endovascular Coil Embolization for Acute Management of Traumatic Pulmonary Artery Pseudoaneurysm. *J Thorac Cardiovasc Surg*. 2004;128:784-785.
19. Ravenel JG, Gordon LL, Block MI, Chaudhary U. Primary Posterior Mediastinal Seminoma. *AJR*. 2004 December; 183:1835-1837.
20. Wallace MB, Block MI, Gillanders W, Ravenel J, Hoffman BJ, Reed CE, Fraig M, Cole D, and Mitas M. Accurate Molecular Detection of Non-Small Cell Lung Cancer Metastases in Mediastinal Lymph Nodes Sampled by Endoscopic Ultrasound-Guided Needle Aspiration. *Chest*. 2005; 127:430-437.
21. Taffoni M, Ravenel JG, Ackerman SJ. Prospective comparison of indirect CT venography versus duplex venous ultrasound for the detection of deep venous thrombosis in ICU patients undergoing CT pulmonary angiography. *AJR*. 2005; 185:457-462
22. Aganovic L, Phillips D, Ravenel JG. Combined Acute Traumatic Aortic Injury and Left Main Bronchus Transection in a 5 year old child. *J Thorac Imaging*. 2005; 20:245-247.
23. Pauls DR and Ravenel JG. Subclavian Vein Obstruction with Collateral Flow through the Umbilical and Hepatic Veins. *Surg Radiol Anat*. 2006; 11:1-3.
24. Kavanagh JJ, Gordon L, Curry NS, Ravenel JG. Calyceal Diverticulum Mimicking a Renal Tumor on FDG PET Imaging. *Clin Nucl Med*. 2006;31:301-2.
25. Garwood S, Flume PA, Ravenel J. Superior vena cava syndrome related to indwelling intravenous catheters in patients with cystic fibrosis. *Pediatr Pulmonol*. 2006 41:683-687.
26. Daniel JH, Ravenel JG. Case of the Season: Disseminated Nocardiosis. *Sem Roentgen*. 2007; 42:4-6.
27. Huggins JT, Sahn SA, Heidecker J, Ravenel JG, Doelken P. Characteristics of Trapped Lung: Pleural Fluid Analysis, Manometry, and Air-Contrast Chest CT. *Chest*.2007;131:206-213.
28. Steenburg SD, Ravenel JG, Ikonomidis JS. Blunt Traumatic Injury of the Ascending Aorta: Multi-detector CT Findings in Two Cases. *Emerg Radiol*. 2007;13:217-21.

INVITED ARTICLES

1. Ravenel JG, McAdams HP, Goodman PC. CT pulmonary angiography: Diagnostic pitfalls and artifacts. *Applied Radiology*. 2001; 30(10):35-42.
2. Ravenel JG, McAdams HP, Remy-Jardin M, Remy J. Multi-dimensional imaging of the thorax: practical applications. *J Thorac Imaging*. 2001; 16:269-281.
3. Huda W, Ravenel JG, Scalzetti EM. How do radiographic techniques affect image quality and patient doses in CT. *Seminars Ultrasound, CT, MRI*. 2002; 23:411-422.
4. Ravenel JG, McAdams HP. Multi-planar and 3-D imaging of the thorax. *Radiol Clin N Am*. 2003; 41:475-489.
5. Ravenel JG, McAdams HP. CT features of pulmonary vasculitides. *Seminars in Respiratory and Critical Care Medicine*. 2003; 24:427-436.
6. Aganovic L, Ravenel JG. Multi-planar and three-dimensional imaging of the thorax. *Medical Imaging International* 2004; 14(3):11-15.
7. Ravenel JG. Lung Cancer Staging. *Sem Roentgen* 2004; 39:373-385.
8. Irshad A, Ravenel JG. Imaging of Small Cell Lung Cancer. *Curr Probl Diagn Radiol*. 2004 Sep-Oct; 33:200-11.
9. Ravenel JG, Kipfmueller F, Schoepf UJ. CT angiography with multidetector-row CT for detection of acute pulmonary embolus. *Sem Roentgen* 2005; 40:11-19.
10. Savoy AD, Ravenel JG, Hoffman BJ, Wallace MB. Endoscopic Ultrasound for Thoracic Malignancy: A Review. *Curr Probl Diagn Radiol*. 2005; 34:106-115.
11. Ravenel JG, Savino G, Schoepf UJ. Novel Developments in Cardiac Computed Tomography. *Am Heart Hosp J*. 2005; 3:167-174.
12. Schoepf UJ, Savino G, Lake DR, Ravenel JG, Costello P. The Age of CT Pulmonary Angiography. *J Thorac Imaging*. 2005; 20:273-279.
13. Lake DR, Kavanagh JJ, Ravenel JG, Schoepf UJ, Costello P. Computed tomography and pulmonary embolus: a review. *Semin Ultrasound CT MR*. 2005 Oct;26(5):270-80.
14. Mills J, Ravenel JG. Thymic Carcinoid: Radiologic Case of the Month. *Applied Radiology*. 2006 Feb; 35(2):41-43.
15. Knoepp UW, Ravenel JG. Computed tomography and positron emission tomography scanning in lung cancer. *Crit Rev Oncol Hematol*. 2006 58:15-30
16. Ravenel JG, McAdams HP. Imaging of Lung Transplantation. *Applied Radiology*. 2006 35(7):8-20
17. Poghosyan T, Ackerman SJ, Ravenel JG. Infectious Complications of Solid Organ Transplants. *Sem Roentgen*. 2007; 42:11-22.
18. Sosnouski D, Ravenel JG. Extra-cardiac Finding in Cardiac CTA: A Practical Approach. *J Thorac Imaging*. 2007; 22:77-85.

19. Kini S, Lake DR, Kavanagh JJ, Ravenel JG, Schoepf UJ, Costello P, Pope T. Diagnosing Pulmonary Embolism. *Emergency Medicine*. 2007; 39(2):25-32.

JOURNAL EDITOR

Guest editor: *Imaging of Infection Part I. Seminars in Roentgenology*. 2007; 42(1).

Guest editor: *Imaging of Infection Part II. Seminars in Roentgenology*. 2007; 42(2)

BOOK CHAPTERS

1. Chiles C, Ravenel JG, Aganovic L. Chest. In Pope TL, *Aunt Minnie's Atlas and Imaging-Specific Diagnosis 2nd ed.* Philadelphia, PA: Lippincott Williams and Wilkins; 2003.
2. Ravenel JG, Pope TL. Imaging of the Heart and Great Vessels. In Chen ML, Pope TL, Ott DJ, *Basic Radiology: a LANGE medical book*. McGraw-Hill; 2004.
3. Ravenel JG, Silvestri GA. Imaging of Lung Cancer. In Medina LD and Blackmore CC (ed), *Evidence Based Imaging*. Springer; 2006.
4. Blackmore CC, Medina LD, Ravenel JG, Silvestri GA. Critically Assessing the Literature: Understanding Error and Bias. In Medina LD and Blackmore CC (ed), *Evidence Based Imaging*. Springer; 2006.
5. Ravenel JG, Schoepf UJ. Imaging of Pulmonary Embolism. In Konstantanides S (ed), *Pulmonary Embolism*. In Press.
6. Ravenel JG. Anterior Mediastinal Mass. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.
7. Ravenel JG. Middle Mediastinal Mass. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.
8. Ravenel JG. Posterior Mediastinal Mass. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.
9. Ravenel JG. Cardiac Pacemakers. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.
10. Ravenel JG. Non-small Cell Lung Cancer. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.
11. Ravenel JG. Small Cell Lung Cancer. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.
12. Ravenel JG. Staging Lung Cancer. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.
13. Ravenel JG. Mediastinal Lymph Node Classification. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.
14. Ravenel JG. Lipomatosis, Mediastinum. In Gurney J (ed), *Diagnostic Imaging: Chest*. W.B. Saunders Company; 1st edition; 2006.

15. Ravenel JG. Nerve Sheath Tumors, Mediastinum. In Gurney J (ed), Diagnostic Imaging: Chest. W.B. Saunders Company; 1st edition; 2006.
16. Ravenel JG. Sympathetic Ganglion Tumors, Mediastinum. In Gurney J (ed), Diagnostic Imaging: Chest. W.B. Saunders Company; 1st edition; 2006.
17. Ravenel JG. Goiter, Mediastinum. In Gurney J (ed), Diagnostic Imaging: Chest. W.B. Saunders Company; 1st edition; 2006.
18. Ravenel JG. Varices, Mediastinum. In Gurney J (ed), Diagnostic Imaging: Chest. W.B. Saunders Company; 1st edition; 2006.

LETTERS TO THE EDITOR

Ravenel JG, Costello P, Schoepf UJ. CT in the Diagnosis of Pulmonary Embolism. AJR. 2005; 184:1707.

Ravenel JG. Letter from the Guest Editor. Seminars in Roentgenology. 2007; 42:3.

Ravenel JG. Letter from the Guest Editor. Seminars in Roentgenology. 2007; In press.

BOOK REVIEWS

Bushberg JT, Seibert JA, Leidholdt EM, Boone JM. The Essential Physics of Medical Imaging 2nd ed. AJR. 2002; 180:596.

Reed JC. Chest Radiology: Plain Film Patterns and Differential Diagnosis, 5th ed. Radiology 2005 234: 150.

WEB PUBLICATIONS

Ravenel JG, Irshad A. Wegener's granulomatosis, thoracic. www.emedicine.com

Irshad A, Ravenel JG, Ackerman S. Lung cancer, Small cell. www.emedicine.com

Brewer K, Ravenel JG. Post-primary Tuberculosis. ACR Case-in-Point. <http://caseinpoint.acr.org/index.htm>

Brewer K, Ravenel JG. Pericardial Effusion. ACR Case-in-Point. <http://caseinpoint.acr.org/index.htm>

Kavanagh JJ, Ravenel JG. Lymphocytic Interstitial Pneumonitis. ACR Case-in-Point. <http://caseinpoint.acr.org/index.htm>

Mitchell JB, Ravenel JG. Scleroderma Interstitial Lung Disease. ACR Case-in-Point. <http://caseinpoint.acr.org/index.htm>

Brewer K, Ravenel JG. Multilocular Thymic Cyst. ACR Case-in-Point. <http://caseinpoint.acr.org/index.htm>

Thompson S, Bonsall R, Ravenel JG. Pulmonary Amyloidosis. ACR Case-in-Point <http://caseinpoint.acr.org/index.htm>

MANUSCRIPT REVIEWER

Apr 2002-Present	American Journal of Roentgenology
Apr 2003-Present	Journal of Computer Assisted Tomography
Apr 2003-Present	Radiology
	-With Distinction, 2003
	-With Special Distinction, 2004
	-With Special Distinction, 2005
	-With Distinction, 2006
Sep 2005-Present	Thorax
Mar 2006-Present	Journal of Thoracic Oncology
Jun 2006-Present	Cancer
Dec 2007-present	Journal of Thoracic Imaging

EDITORIAL BOARDS

December 2005-Present Assistant Editor At-Large. American Journal of Roentgenology
December 2005-Present Journal of Computer Assisted Tomography
November 2006- Present. Associated Editor. Radiology

SCIENTIFIC SESSION MODERATOR

Lung Parenchyma, Scientific Posters. Radiologic Society of North America, Annual Meeting, Dec.1, 2003

COMMITTEES

Hospital

July 1, 2001-Present	Multi-disciplinary Thoracic Tumor Board
November 1, 2001-Present	Thoracic Oncology Working Group
July 1, 2001-Present	Hollings Cancer Center, Cancer Program Committee
July 1, 2001-June 30,2004	-(Subcommittee- Inpatient and Outpatient Care)
July1, 2004-Present	-(Subcommittee- Cancer Program Leadership)
July1, 2004-Present	-(Subcommittee- Clinical Management)
August 1, 2001- Present	MUSC Radiology Resident Recruitment Committee MUSC
July 1, 2002-Present	Hollings Cancer Center, Protocol Review Committee
October 2002-Present	Radiation Safety Committee

State

October 2002-October 2005 South Carolina Medical Disciplinary Commission, 1st District Representative.

National

November 1, 2004-Present American Roentgen Ray Society CME/Education Subcommittee on Development of Self-Assessment Modules.

SOCIETY MEMBERSHIPS

National

American Board of Radiology: Board Examiner
American College of Radiology

American Roentgen Ray Society
Radiologic Society of North America
Society of Thoracic Radiology
North American Society for Cardiac Imaging
Association of University Radiologists
Association of Program Directors in Radiology
American Legion

State

South Carolina Medical Association
South Carolina Chapter: American College of Radiology

Local

Clinical Member-Hollings Cancer Center
Charleston County Medical Society