

Awarded Southern Medical Association Fellowship, 1977 (\$1,000).

First Overall & First Prize in Postgraduate Division MUSC 13th Annual Research Competition, 1978 (\$50).

Second Place, Electrofocusing 1978 - International Research Competition, sponsored by LKB, Inc. (\$1,000).

Fellow, American College of Nuclear Physicians – 1996.

Fellow, American College of Nuclear Medicine – 1999.

Plenum Lecture – 37th Polish Congress of Radiology, June 2004.

SC Governor's Advisory Board of Nuclear Medicine - 2000-2002.

Application Reviewer - Intersocietal Commission for the Accreditation of Nuclear Medicine Laboratories.

Examiner - American Board of Radiology, Oral Boards, 1984-present.

"Exceptional Manuscript Reviewer" 2005 – Journal of American College of Radiology

American Board of Radiology – Panel Chairman, Louisville, KY, June 2005

PROFESSIONAL/SCIENTIFIC SOCIETIES:

NATIONAL:

Society of Nuclear Medicine

- Elected by Membership - Secretary/Treasurer, 1998-2001
- Elected Trustee, 1994-1999
- Committee on By Laws, 1995-2001
- Chair Audit Committee
- Chair Finance Committee
- Investment Committee

American College of Radiology

- Chairman, Education, Accreditation and Practice Standards Committee, South Carolina Carolina Chapter, 1990-1996
- Economic Committee, 1998
- Standards and Accreditation Committee
- CPI Task Force, 1998

PROFESSIONAL/SCIENTIFIC SOCIETIES (cont.):

Southeastern Chapter Society of Nuclear Medicine

- Council, 1983-85
- Director-Program Committee, 1984
- Educational Committee, 1984
- Treasurer, 1987-89

Southeastern Chapter Society of Nuclear Medicine (cont.)

- Chairman-Finance Committee, 1990-1994
- President-Elect, 1994
- President, 1994-95
- Chairman, Nominating Committee, 1995-96

Radiological Society of North America

- Scientific Awards Committee, 1985-90

Association of University Radiologists

American College of Nuclear Medicine

- Elected Delegate to AMA
- Member Board of Representatives, 2000-2003

American College of Nuclear Physicians

- Delegate, South Carolina

South Carolina Medical Association

- South Carolina Delegate, District 1, 1992-2004

LOCAL:

Charleston County Medical Society

South Carolina Medical Society

South Carolina Radiological Society

- Chairman, Continuing Education and Residency Education Committee

South Carolina Society of Nuclear Medicine

- Physician Liaison

South Carolina, Technical Advisory Radiation Control Council

- Member

EDITORIAL POSITIONS:

Consulting Editor (Radiology), *The Physician and Sports Medicine*, 1984 -1991.

Reviewer for *Journal of Nuclear Medicine*, 1984-present.

Reviewer for *Clinical Nuclear Medicine*, 1984-1990.

Reviewer for *The Physician & Sports Medicine*, 1984-1998.

Reviewer for *Archives of Dermatology*, 1982-2000.

Reviewer for *American Journal of Roentgenology*, 1993-present.

Assistant Editor, *American Journal Roentgenology*, 1999-2006.

CORIXA Biotherapy and Radiopharmaceuticals, Medical Advisor, 2003

“PET Oncology: Practice-Based Education,” Edited by E. Eikman, M.D.
Society of Nuclear Medicine Learning Center – Editorial Board Member

GRANTS/AWARD:

Philips Medical Systems North America, Inc. (\$940,000) - Clinical Application of MRS. **KM Spicer**, TL Nagel and GD Frey. (1991-92)

MUSC Institutional Support (\$3,173) - Formation and Evaluation of Radiolabeled Anti-HSV Antibody to Enhance Gamma Camera Imaging of Experimental Herpes Encephalitis. SL Fowler, KT Cheng, **KM Spicer**, E Barbosa. (4/1/91 - 4/1/92)

Hybritech, Inc. (\$69,210) - Phase I/II Clinical Study: Detection of Colorectal Carcinoma Using IVP ZCE025, A In-111-Labeled Anti-CEA MoAb. KT Cheng, **KM Spicer** and P Baron. (3/1/91 - 12/1/92)

MUSC Institutional Support (\$28,350) - An In Vivo Magnetic Resonance Microcirculation Study of Skin Cancer: Clinical Determination of Phosphorous Energy Metabolites, Proton Oxygenation Level Indicators, Perfusion, and Diffusion. Nagel TL, Dobson R, Cheng KT, **Spicer KM**. (1/1/91 - 12/2/92)

Du Pont Merck Pharm Co. (\$52,104) - Scintigraphic Myocardial Perfusion Testing in Acute MI. Gordon L, Hendrix G, Cheng KT, **Spicer KM**. (5/11/91 -Completion)

American Association of Colleges of Pharmacy New Investigator Award (\$5,000) - P-31 Nuclear Magnetic Resonance Spectroscopy. Cheng KT, Nagel T, **Spicer KM**. (1/92 - 12/93)

Organon Teknika Co. (\$90,000) - Radioimmunoscinigraphy of Recurrent or Metastatic Colorectal Cancer with 99mTc-88BV59H21-2V67-66, A Totally Human Monoclonal Antibody Phase III Multicenter Study. Stuart R, **Spicer KM**, Gordon L, Cheng KT, Baron P. (12/92 - 11/94)

Adria Labs, Inc. (\$90,000) - Staging of Non-small Cell Lung Cancer **P.I. Kenneth Spicer, MD, PhD**. (Awarded 10/94)

Cytogen, Inc. (\$45,000) - Multicenter Study of Intravenously Administered Indium-111 CY1356 in the Evaluation of Patients with Primary Prostate Cancer. P.I. Arthur Frankel, MD (Completed 3/95)

Cytogen, Inc. (\$45,000) - Phase III Study of Intravenously Administered Indium-111 Capromab Pendetide in the Patient with Suspected Residual or Recurrent Prostate Cancer. P.I. Arthur Frankel, MD (Completed 11/94)

Cytogen, Inc. (\$5,000) - Compassionate Use of Intravenously Administered Indium-111 Capromab Pendetide. P.I. Arthur Frankel, MD (Completed 12/94)

Organon Teknika, Inc. (\$90,000) - Radioimmunoscinigraphy of Recurrent of Metastatic Colorectal Cancer with Tc-99m 88BV59H21-2V67-68. P.I. Rob Stuart, MD (Completed 2/95)

The Society of Nuclear Medicine (\$30,000) - The use of Taxol to Enhance the Efficacy of Radiopharmaceuticals P.I. Kenneth Cheng, PhD (Awarded 9/94)

SCUREF (\$15,511) - Assistance with SRS Environmental Forums. P.I. G. Donald Frey, PhD (3/1/93-2/28/94)

Hollings Cancer Center (\$250,000) - PACS Linkage to MUSC PAC. P.I. James B. Edwards, DDS (Awarded 3/95)

Technology Transfer - Westinghouse Savannah River Site & SCUREF (\$100,000) - **P.I. Kenneth Spicer, MD, PhD** and Thomas Higerd, PhD

DuPont Group (\$4,000) - ^{99m}Tc-ECD (Neurolite) Imaging of Locunar Stroke. **P.I. Kenneth Spicer, MD, PhD** (Awarded 1/95)

Olympus (\$35,000) - MR Imaging and spectroscopy by endoscopically directed coils. Co-P.I. Robert Hawes, MD and **Kenneth Spicer, MD, PhD**, Co-Investigator Daryl Bohning, PhD, (Awarded 5/95)

DDC Grant (\$6,000) - Sphincter of Oddi Dysfunction. **P.I. Kenneth Spicer, MD, PhD** (Awarded 6/9)

AGFA (\$1,800) - Clinical Use of a Digital Teaching File Brian Gordon, MD and **Kenneth Spicer, MD, PhD**, (1/96)

SCUREF (\$60,000) - Digital Radiography Evaluation at SRS. **P.I. Kenneth Spicer, MD, PhD** Co-Inv. G. Donald Frey, PhD, Thomas Higerd, PhD, Rick Poland at WSRS (Awarded November 2/96-8/96).

(\$2,750 awarded to Will Dunn, B.S. (medical student) by MUSC). Role of Image Processing on PACS - ROC Analysis of MUSICA Contrast Enhancement Algorithm. **Supervisor Kenneth Spicer, MD, PhD**

WSRS-SCUREF (\$95,000) Evaluation of Medical Isotope Production with APT. **P.I. Kenneth Spicer, MD, PhD**, Co-Inv. Sy Baron, PhD and G. Donald Frey, PhD (Awarded January 15-June 15, 1997)

NIH (\$350,000) - rTMS Studies of Mood Regulation. P.I. Mark George, MD, **Co-Inv. Kenneth Spicer, MD, PhD**, Charles Kellner, MD, Daryl Bohning, PhD (Awarded Dec. 1, 1997-Dec. 1, 2002)

SCUREF (\$114,866) - Evaluation of APT for Medical Isotope Production: Medical Isotope Workshops. **P.I. Dr. Kenneth Spicer**, Co-P.I. Dr. Sy Baron, Dr. G. Donald Frey (10/97-9/98)

IRB-APPROVED RESEARCH GRANTS FUNDED, ADMINISTERED THROUGH OTHER DEPARTMENTS

Techniclone Corp. (\$470,092) - Phase I Open-Label, Non-Randomized, Multicenter, Dose-Escalating Study of Interstitial I-131-TNT-1/B for the Treatment of Recurrent Supratentorial Anaplastic Astrocytoma or Glioblastoma Multiforme. **P.I. Dr. K.M. Spicer** and Dr. Sunil Patel, Co-P.I. Dr. Leonie Gordon (April 1998-Nov.1999 – Neurosurgery)

Techniclone Corp. (\$886,758) - Phase II Open-label, Non Randomized, Multicenter Study of Interstitial I-131 ch TNT 1/B for the treatment of newly diagnosed or recurrent malignant gliomas. PI: Patel SJ, **Spicer KM**, (IRB-approved Jan/Feb. 2000 – Neurosurgery)

Phase II Open-Label, Non-Randomized, Multicenter Study of Interstitial 131I-chTNT-1/B for the Treatment of Newly Diagnosed Recurrent Malignant Glioma. PI- Patel S, **PI, Spicer KM**, Peregrine Pharmaceuticals, Inc, 11/98 - 12/02, \$1,470,697.

Open-label, Dose Confirmation and Dosimetry Study of Interstitial 131I-chTNT-1/B MAb Cotara®) for the Treatment of Glioblastoma Multiforme (GBM) at First Relapse. **P.I. Spicer KM**, P.I. Patel S, Co-I Gordon L. Peregrine Pharmaceuticals, Inc, 2/07-2/08, \$648,000

IRB-APPROVED RESEARCH GRANTS FUNDED, ADMINISTERED THROUGH RADIOLOGY DEPARTMENT

Coulter Pharmaceuticals, Corp. (\$42,000) - Expanded Access Study of Iodine - 131 Anti-B1 Antibody for Relapsed/Refractory Low-Grade and Transformed Low-Grade Non-Hodgkin's Lymphoma. **P.I. K.M. Spicer, MD, PhD**, co-P.I. Debra Frei-Lahr, MD. (Awarded for 7 patients completed)

Boston Life Sciences, Inc., Phase III Protocol, Evaluation of the Safety and Efficacy of I-123 Altoprane for the Detection of Parkinsonian Syndrome in Patients with Movement Disorders. **P.I. K.M. Spicer, MD, PhD**. \$26,125. Protocol just closed. \$15,675 Awarded

Dupont Corp. (\$21,500) - An Open Label, Non-Randomized Trial to Evaluate the Ability of DMP-444 Tomographic Imaging for the Detection of Pulmonary Embolism in Patients with Suspected and Confirmed Pulmonary Embolism **P.I. K.M. Spicer, MD, PhD**. (IRB-approved Feb. 2000)

Antisoma Corp. (\$102,220) - Multicenter Randomized Survival Study of Monoclonal Antibody Radioimmuno-Therapy: A multinational study in patients with ovarian carcinoma using the HMFG1 antibody labeled with 90Yttrium. **P.I. KM Spicer, MD, PhD** (IRB-approved Jan. 2000)

SE Chapter of Society of Nuclear Medicine (\$3,000) - Cost Effective Evaluation of Thyroid Nodules Ultrasound vs. Nuclear Medicine. Gordon L Thompson J, **Spicer KM**, PI Jay Thompson.

Corixa (\$7,000) - Expanded Access Study of Iodine-131 Anti-B1 Antibody for Relapsed/Refractory Low-Grade and Transformed Low-Grade Non Hodgkin's Lymphoma. **P.I. K.M. Spicer, MD, PhD**, Co-PI Debra Frei-Lahr, MD. (4/99-4/02)

Nycomed Amersham Imaging (\$53,700) - An Open-Label, Multicenter, Phase 3 Trial Evaluation Ventricular Functions as Assessed by Left-Ventricular Ejection Fraction and Wall Motion Using Technetium-99m Tetrofosmin Gated SPECT Imaging PI: L. Gordon, co-PI Frankis, **Co-Investigator K.M. Spicer**, (05/01-)

Expanded Access Study of Iodine-131 Anti-B1 Antibody for Relapsed/Refractory Low-Grade and Transformed Low-Grade Non Hodgkin's Lymphoma. **P.I. - KM Spicer, MD, PhD**, co- I D Frei-Lahr, MD. 4/99-4/07, Corixa (\$78,000).

IDEC (\$18,808/patients enrolled) - A Multicenter, Open-Label, Trial to Evaluate the Efficacy and Safety of IDEC-Y2B8 Radioimmunotherapy of Relapsed or Refractory Low-Grade or Follicular Transformed B-Cell Non-Hodgkin's Lymphoma. **P.I. K.M. Spicer**, co-PI Frei-Lahr, (6/01)

An Open-Label, Multi center, Phase 3 Trial Evaluation Ventricular Functions as Assessed by Left-Ventricular Ejection Fraction and Wall Motion Using Technetium-99m Tetrofosmin Fated SPECT Imaging. PI - L Gordon, Co-PI Frankis, **Co-Investigator - KM Spicer**, 02/01- 11/30/03, Nycomed Amersham Imaging (\$5,000).

A Prospectively Randomized, Phase III, Multicenter, Controlled Trial to Evaluate the Safety and Efficacy of Zevalin Therapeutic Regimen Plus Rituxan Compared with Rituxin Alone in Patients with Relapsed or Refractory Follicular Non-Hodgkin's Lymphoma. PI - **KM Spicer**, Co-PI - D Frei-Lahr, Co-I - L Gordon, 07/03-07/07 (\$224,240).

A Phase III Open-Label, Multi-Center Trial to Compare the Diagnostic Accuracy of DEFINITY®-Enhanced Ultrasound Imaging Verses Contrast Enhanced Computed Tomography (CT) for Characterizing Liver Lesions PI S Ackerman Co-I KM Spicer 01/04-01/06 (\$47,325)

A quality of life assessment in the multi-center, randomized, phase III study of Bexxar (Iodine I 131 Tositumomab) therapeutic regimen versus Zevalin (Ibritumomab Tiuxetan) therapeutic regimen for patients with relapsed or transformed follicular non-Hodgkin's lymphoma **P.I.- KM Spicer** 03/04-03/06 (\$4,330).

A Multicenter Pilot Study to Evaluate the Efficacy of Adenoscan® (Adenosine) as a Pharmacologic Stress Agent to Assess Coronary Artery Disease by Myocardial Perfusion Using Contrast Enhanced Magnetic Resonance Imaging in Comparison to Conventional Coronary X-ray Angiography **PI - KM Spicer**, CI-I - S Chiaramida 01/04-12/05 (\$87,500).

Medical Isotope Production Using High Energy Neutrons: Three Phase Project – Phase I (Feasibility) Jointly Funded by USC ((\$50,000) and MUSC (\$25,000) – Co-PI - Marc Garland Ph.D. (MUSC); **Co-PI - KM Spicer, MD, PH.D**, (MUSC) November 2004 - February 2006.

Effect of Collimator Type on ¹³¹I Half Life Measurements, **KM Spicer Ph.D.** & Eugene Mah, M.S., GlaxoSmith Kline \$11,348, April 4, 2005.

A 52-week Multicenter, Randomized, Double-Blind Parallel Group Study to Evaluate the Efficacy of Lotrel and benazepril /hydrochlorothiazide in the Regression of Left Ventricular Hypertrophy by Magnetic Resonance Imaging in Patients with High Risk Hypertension PI Salvatore Chiaramida, MD, **Co-I KM Spicer, MD, PhD** 02/06-02/07 (\$71,475) – Under IRB Review Budget.

GSK (\$80,520) - A Multi-Center, Randomized, Phase III Study of Iodine I 131 Tositumomab Therapy Versus Ibritumomab Tiuxetan Therapy For Patients with Relapsed or Transformed Follicular Non-Hodgkin's Lymphoma. **Co-PI. K.M. Spicer** (12/05 – 12/18)

GSK (\$4,330) - A Quality of Life Assessment in the Multi-center, Randomized, Phase III Study of Bexxar (Iodine I 131 Tositumomab) Therapeutic Regimen Versus Zevalin (Ibritumomab Tiuxetan) Therapeutic

Regimen for Patients with Relapsed or Transformed Follicular Non-Hodgkin's Lymphoma. **Co-PI. K.M. Spicer** (12/05 – 12/18)

GSK (\$5,600) - Expanded Access Study of Iodine I -131 Anti-B1 Antibody for Relapsed/Refractory Low Grade and Transformed Low-Grade Non-Hodgkin's Lymphoma. **Co-PI. K.M. Spicer** (07/04 – 07/15)

Fijisawa (Asellas) \$87,500 - A Multicenter Pilot Study to Evaluate the Efficacy of Adenoscan® (Adenosine) as a Pharmacologic Stress Agent to Assess Coronary Artery Disease by Myocardial Perfusion Using Contrast Enhanced Magnetic Resonance Imaging in Comparison to Conventional Coronary X-ray Angiography. **P.I. KM Spicer** 12/04-01/06

GE (\$107,525) - An Open-Label, Multicentre, Phase 3 Study Evaluating the Prognostic Usefulness of I123-mIBG Scintigraphy for Identifying Subjects with Heart Failure who will Experience an Adverse Cardiac Event. **Co-I. KM Spicer** 4/1/5-4/1/7

B&W Hospital (\$66,875) - Study of Myocardial Perfusion and Coronary Anatomy Imaging Roles in CAD: (SPARC). **Co-I. KM Spicer** 4/6-4/7

IRB-APPROVED RESEARCH GRANTS FUNDED, ADMINISTERED THROUGH OTHER DEPARTMENTS

Clinical and Laboratory Evaluation in Patients with Mutations in the Angiotensin Receptor 2 (AGTR2) Gene as a Cause for X-Linked Mental Retardation. PI - Holden K, **Co-I, Spicer KM**, Funded with Radiology portion \$15,000.00.

Open-label, Dose Confirmation and Dosimetry Study of Interstitial 131I-chTNT-1/B MAb (Cotara) for the Treatment of Glioblastoma Multiforme (GBM) at First Relapse, PPHM 0602 Peregrine Pharmaceuticals, Inc, Co-Principle Investigators - **Spicer KM**, Patel S, 10 patients @ \$160,000 each (Radiology Component > \$60,000/patient) 2/2007.

"A Phase III Trial of CHOP and Rituximab users CHOP and Iodine 131 Labeled Monoclonal Anti-B1 Antibody (Tositumomab) for Treatment of Newly Diagnosed Follicular Non-Hodgkin's Lymphomas" SWOg S0016, , PI- Stuart R, **Co-I, Spicer KM**, Feb 1, 2007.

A Randomized, Open-Label, Multicenter Study of VELCADE with Rituximab or Rituximab Alone in Subjects with Relapsed or Refractory, Rituximab Naïve or Sensitive Follicular B-Cell Non-Hodgkin's Lymphoma. PI – Frei-Lahr D, **Co-I, Spicer KM**, Johnson & Johnson, \$72,871, 10/31/09.

III. OTHER

DEPARTMENTAL REPRESENTATIVE TO COMMITTEES & OFFICES HELD

University

University Information System Steering Committee
MUHA Medical Director Information Services (Contract Attached)
CPOE Advisory Committee
PIC Committee

Department

Radiology Research Oversight Committee
Radiology Informatics
Director of Nuclear Medicine Residency Program
Radiology Outreach – LMG – Rad. Safety Officer
N. Area and West Ashley Nuclear Cardiology Coordinator

MEMBERSHIP IN PROFESSIONAL SOCIETIES & OFFICES HELD

National

Society of Nuclear Medicine
 Audit Committee
 Investment Committee
American College of Nuclear Physicians
American College of Radiology
 Guidelines and Standards Committee for Nuclear Medicine
 Economics and Health Policy Committee
 Practice Expense Committee
 Commission on Standards and Accreditation Subcommittee
American College of Nuclear Medicine
 Board of Directors
 SC Representative
DHEC - TARC Council (Technical Advisory Radiation Council)
 SC Radiology Society Representative
Southeastern University Research Reactor (SEURR) Steering Committee
South Carolina Radiation Quality Standards Association (SCRQSA)
 South Carolina Radiology Society Representative (4 meetings per year)

ACADEMIC COMMITTEE ACTIVITIES:

UNIVERSITY:

1989-92 Hospital Executive Committee
1989-95 Hollings Oncology Center Steering Committee
1990-00 PET Committee – Roper Care Alliance - MUSC
1995-96 MUSC Hospital Partnering Negotiations Information Technology Workgroup
1997-00 OACIS Implementation Committee (Electronic Medical Record)

COLLEGE:

1989-92 Professional Staff Office Committee
1989-92 Deans Committee (VAMC)
1994-95 Strategic Planning Work Group - Health Services Research
1994-95 Ambulatory Care Steering Committee

DEPARTMENTAL:

Strategic Planning Committee
Research Committee
Radiology Resident Selection Committee
Radiology Information Management Systems Committee
Radiology Policy and Procedure Committee
Radiology PACS Committee
Vice Chair Department of Radiology
Co- Director of Nuclear Medicine
Director Radiology Outreach
Director of Informatics
Fellowship Committee
LMA-Outreach Management Committee

MAJOR TEACHING RESPONSIBILITIES:

Radiology

Twelve ¾ hour lectures to radiology residents
Three 2-hour Mock Board sessions
Cardiology: Three, one hour lectures – Cardiac Imaging

Medical Students

Monthly 1 ½ hour of lectures to third year medical students during their radiology rotation

Graduate Students

Serve on committee and supervise research of Biometry Department graduate students completing dissertation work

Administration

Director, Nuclear Medicine Residency Training Program

Recruited and supervised training of fellows from 1981-present

Completed Residency Review October 2006: ACGME granted full accreditation, 2001-2006

MAJOR CLINICAL INTERESTS AND RESPONSIBILITIES:

Nuclear Medicine (Imaging and Therapy), Ultrasound, Cardiac MR Imaging, Diagnostic Radiology

Director of Informatics (Radiology Information Systems, Picture Archiving and Communication System)

Director of Nuclear Medicine

Director of Nuclear Medicine Residency Training Program

INVITED LECTURES (Last 10 Years):

Liver Symposium: Hepatobiliary Imaging, Columbia, SC, February 1996.

Southeastern Chapter of the Society of Nuclear Medicine meeting: After Effects of Nuclear PACS, Atlanta, GA, October 1996.

Southern Radiological Society Meeting: PACS Be With You, Point Clear, AL, January 1997.

MUSC Digestive Disease Center Conference: GEMS: Gastroenteric Motility Scintigraphy, Charleston, SC, April 1997.

MUSC PACS Symposium: Teleradiography-Home to Hospital, Charleston, SC, March 1997.

MUSC PACS School: PACS Be With You, Charleston, SC, October 1997.

Southeastern Chapter of the Society of Nuclear Medicine Annual Meeting: Pulmonary Imaging of Pulmonary Embolic Disease, Clearwater, FL, October 1997.

Lowcountry Mammography: Scintimammography and PET Imaging of Breast Cancer, Charleston, SC, November 1997.

Organizations United: New Medical Uses for Radionuclides, Charleston, SC, November 1997.

University of Leuven PACS School: Soft Copy Interpretation and Practical Consideration When Installing PACS, Leuven, Belgium, January 1998.

University of Florida PACS and Teleradiology: What You Need to Know; PACS Be With You; and Teleradiography: The Challenges and the Opportunities, Orlando, FL, February 1998.

MUSC PACS School: PACS Be With You, Charleston, SC, March 1998.

New Hanover Regional Medical Center Conference: Mistakes You Will Want to Avoid During PACS Implementation, Wilmington, NC, March 1998.

Harvard Medical School, Massachusetts General Hospital: PACS Be With You - The Digital Department, Boston, MA, September 1998.

Harvard Medical School, Massachusetts General Hospital: Teleradiology: Current Limitations, Future Gains, Boston, MA, Sept. 9-12, 1999.

Harvard Medical School, Massachusetts General Hospital: The Radiologist's GUI: What's Missing, Boston, MA, Sept. 9-12, 1999.

AGFA Users Group: Impax v3.5 Functional Limitations, Bordeaux, France, October 1999.

RSNA: The Radiologist Workstation: Current Limitations and Potential Improvements, Nov. 30, 1999.

RSNA: Impact of Web Interfaces on PACS - Panel Discussion, November 1999.

Practical Implementation of PACS for NHS Trusts: PACS Display Options, Cardiff, Wales, April 2000.

IT Strategy for NHS Trusts (Chaired panel): Practical Implementation of PACS for NHS Trusts, Cardiff, Wales, April 2000.

Practical Implementation of PACS for NHS Trusts: Strategies for Implementing PACS, Cardiff, Wales, April 2000.

SCAR 2000 17th Symposium: Purchasing a PACS, (Organized, coordinated, edited & chaired two sessions - 3 lectures & panel), June 2000

MUSC PACS Conference: PACS Display Options and Limitations, Breckenridge, CO, March 2000

MUSC PACS Conference: Teleradiology Advantages from PACS, Breckenridge, CO, March 2000

MUSC PACS Conference: PACS Implementation Options: Mistakes to Avoid, Breckenridge, CO, March 2000

MUSC PACS Conference, Four Workshops and Quizzes: Soft Copy Interpretation for the Radiologist, Breckenridge, CO, March 2000

MUSC PACS Conference, Chaired three panels: PACS, How to Begin; PACS, What to Expect; PACS, Where do We Go from Here?, Breckenridge, CO, March 2000

PACS for the 21st Century: Teleradiology: Impact of the Web & Cable, Brisbane, Australia, June 2000

PACS for the 21st Century: What to Expect From Your PACS Workstation, Brisbane, Australia, June 2000

PACS for the 21st Century: PACS: Why Bother? Brisbane, Australia, June 2000

PACS for the 21st Century, Chaired four panels & provided four 3-hour workshops & quizzes, Brisbane, Australia, June 2000

PACS Meetings, London England: Why PACS; Digital Display Options; Teleradiology (3 Lectures) August 28-September 3, 2000

Radiology Associates of Savannah, Georgia: Benefits, Costs & Pitfalls of PACS, January 25-26, 2001

South Carolina Society of Nuclear Medicine: Nuclear Nuggets & Recent Advances in Nuclear Therapy, February 2001

Neuro Science Institute-Grand Rounds: A Nuclear Imaging of the CNS, March 01, 2001

Targeted Cancer Care: Carlsbad, California: Advances in Radioimmunotherapy: Dosimetry and direct infusion RIA, March 8-11, 2001

Electronic Imaging Conference (AGFA): Radiology Needs for Filmless Consultations; Radiology Physician Responsibility; What to Expect with Digital Imaging; PACS Pitfalls, Greenville, SC, March 12, 2001

Patients Considerations with MUSC PACS, Poland: PACS Display Station Limitations; CNS Nuclear Imaging; Quality Control Radiologists Responsibilities; PACS Contributions to Quality Assurance, June 5 & 6, 2001

Radiologists's Concern with Softcopy Imaging, Greenville Radiology, October 2001

Oncologic Potential of PET, Lexington County, Medical Society, March 2002

"Why PACS?" Western Canada PACS Symposium (WesCanPACS) Edmonton, Alberta, March 6-10, 2002

Display & Analysis - GUIs, FUIs & the Monitor Quandary, Western Canada PACS Symposium (WesCanPACS) Edmonton, Alberta, March 6-10, 2002

"Computer Aided Diagnosis: The Great Leap for PACS", University Perugia; Umbria, Italy, May 20-23, 2002.

"Non-Radiologist" Utilization of Diagnostic Images, HMQ Victoria Hospital and Slaley Hall, New Castle, England, September 12-15, 2002.

"Problems and Potential for Softcopy Images in the OR, HMQ Victoria Hospital and Slaley Hall, New Castle, England, September 12-5, 2002.

"Medical Use of Radioisotope - The Diagnostic and Therapeutic Potential" - Steering Committee for New University Operated Nuclear Reaction for Education and Research - Savannah River Research Campus, Aiken, South Carolina, September 19, 2002.

"Why PACS," Central Canada PACS Symposium, Toronto, Ontario, October 10-13, 2002.

"Radiologist Workstation - Serious Career for the Radiologist," Central Canada PACS Symposium, Toronto, Ontario, October 10-13, 2002.

"Killing it Kindly: Lymphoma Radioimmuno Therapy," Candler Hospital, Savannah, Georgia, May 21, 2003.

"Reading at Home, in the Car, on a Boat", AGFA Medical Advisory Meeting, Seville Spain, June 22, 2003.

"Information System Integration - Unmet Radiologist Requirements," AGFA Medical Advisory Meeting, Seville Spain, June 23, 2003.

"Digital Reading Rooms - Mistakes You Should Avoid," Rush Memorial Hospital, Meridian, MS, May 9, 2003.

Institute of Continuing Healthcare Education - Advances in the Treatment of Non-Hodgkin's – Panel Discussion Followed – Technical Hurdles from Nuclear Medicine Perspective, Scottsdale, AZ, October 17-18, 2003.

Corixa Medical Advisory Board Meeting. "Current Limitations for Bexxar Dosimetry Calculations," Philadelphia, PA, December 22-23, 2003.

Trident Regional Medical Center, Grand Rounds. "New Fractures in NHL Therapy: Radioimmunotherapy." N. Charleston, SC, June 27, 2004.

8TH Annual Digital X-Ray and PACS: An Educational Forum. "The Challenges of PACS," St. Pete Beach, Florida, February 7-10, 2004.

8TH Annual Digital X-Ray and PACS: An Educational Forum. "Radiologists Work Flow: PACS/RIS Limitations," St. Pete Beach, Florida, February 7-10, 2004.

Chandler & Memorial Hospital Oncology Rounds: Radioimmunotherapy: Status of NH Lymphoma, Savannah, GA, March 3, 2004.

Charleston Area Nuclear Medicine Technology – "Use of Yttrium Tagged MOAB by Nuclear Medicine for NHL" – Cypress Rest, Charleston, SC, June 29, 2004.

South Carolina Nuclear Medicine Society – "Critical Components of Radioimmunotherapy for NHL: Patient dosimetry and Radiosafety Consideration," Columbia, SC, March 27, 2004.

Medical Advisory Board – AGFA Corporation - North Carolina Nuclear Medicine Society – "Bexxar Borne Again - Radioimmunotherapy for NH Lymphoma has arrived" Kingston Plantation, N. Myrtle Beach, SC, April 3, 2004.

Medical Advisory Board – AGFA Corporation - North Carolina Nuclear Medicine Society – "PACS: Nuclear Medicine Interfacing." Kingston Plantation, N. Myrtle Beach, SC, April 5, 2004.

WEB CAST Lectures (International Sponsored by GlaxoSmith Kline) "Bexxar – Clinical Ropes in NHL and Pitfall to Avoid," April 15, 2004 (60 minutes).

WEB CAST Lectures (International Sponsored by Glaxo Smith Kline) "Bexxar – Clinical Ropes in NHL and Pitfall to Avoid," April 22, 2004 (60 minutes).

GlaxoSmith Kline "Radioimmunotherapy: The Latest Advance in NHL," Tumor Board Meeting – McLeod's Hospital, Florence, SC, April 12, 2004.

"Current Radiologist Workflow Limitations Attributable to PACS Workstations," Edinburgh, Scotland, May 3-5, 2004.

"PACS – Electronic Medical Records Interfacing – Essential and Describable Features," Edinburgh, Scotland, May 3-5, 2004.

37th Polish Congress of Radiology, "Metabolic Imaging – Current Capabilities and the Role of PET/CT," Mikolajki, Poland, June 17, 2004.

37th Polish Congress of Radiology, "Essential Attributes of Radiology and PACS Workstation, Mikolajki," Poland, June 17, 2004.

Medical University of South Carolina, "The Charleston Course on Cardiothoracic Imaging: Update on Nuclear Cardiology" March 3, 2005, Charleston, South Carolina.

Biogen Idec - Advances in the Treatment of Non-Hodgkin's Lymphoma: A Focus on Radioimmunotherapy, March 24, 2005, Hilton Head, SC.

MUSC Cardiology Grand Round – January 12, 2006

“Radioimmuno Therapy – The State of the Art” N. Shore Medical Center, Miami, Florida – Medical Grand Rounds, February 10, 2006

South Carolina Society of Radiologic Technologists. “Prostate Imaging.” Charleston, South Carolina, March 11, 2006

“Imaging Prostate Carcinoma” MUSC Radiation Oncology Grand Round – April 13, 2006

“Radio-Immuno Therapy Update” North Carolina Nuclear Technologists Society, Asheville, NC, April 22, 2006.

“Recent Advances in Radioimmuno Therapy – Frontline Use” Rex Healthcare Consortium, Raleigh, NC, September 21, 2006

“Cardiac MR: Technique and Clinical Role” – MUSC Division of Cardiology Imaging Course, October 9, 2006

“Isotopic Imaging of the Heart: SPECT and PET” – MUSC Division of Cardiology Imaging Course, March 12, 2007

SC Nuclear Medicine Society: “Past, Present and Future of Cardiac Nuclear Medicine,” Francis Marion Hotel, Charleston, SC, March 17, 2007

“Introduction to Cardiac Imaging – Radiography, Ultrasound, and Nuclear Medicine” – MUSC Physicians Assistants Core Curriculum, March 21, 2007

“Advanced Cardiac Imaging – Coronary, Angiography, CT and MR ” – MUSC Physicians Assistants Core Curriculum, March 28, 2007

“The Role of SPECT and PET/CT in Head and Neck Oncology” – MUSC Head/Neck Grand Rounds, April 23, 2007

38th Congress of the Polish Medical Society of Radiology: “Metabolic Imaging Update: Optical, US, Nuclear, CT and MR Scanning” Bydgoszcz, Poland, May 24, 2007

South Carolina and Georgia Radiological Society: “Current Status of Diagnostic Imaging of Prostate Adenocarcinoma,” Charleston Harbor Resort and Marina, Mt. Pleasant, SC, June 24, 2007

EXTRAMURAL PROFESSIONAL ACTIVITIES:

Medical Consultant to National Intercollegiate Soccer Officials Association (NCAA) – (1984-1986)

Relief Examiner for the American Board of Radiology Resident oral board exams – (1985, 1988, 1995, 1999, 2003)

Guest Examiner for the American Board of Radiology – Resident oral board exams – (1986, 1987, 1989, 1991, 1996, 1997, 1998, 2001, 2004, 2006)

COMMUNITY SERVICE:

Medical Director, Camp for Diabetic Children. (1982-1985)

Board of Directors, American Diabetic Association, South Carolina Affiliate. (1983-86)

South Carolina Governors School - "College of the Mind"; MUSC coordinator

Town of Sullivan's Island Tree Commission - Chairman

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