

## CURRICULUM VITAE

### PERSONAL INFORMATION

**Name:** Matthew A. Mauro, MD FACR FAHA FSIR

**Date and Place of Birth:** April 4, 1951, White Plains, New York

**Citizenship:** U. S. A.

### EDUCATION

1981-1982      Fellow in Abdominal & Vascular/Interventional Radiology  
The Edward Mallinckrodt Institute of Radiology  
Washington University School of Medicine  
St. Louis, Missouri

1980-1981      Fellow in Diagnostic & Vascular Radiology  
Department of Radiology  
University of North Carolina School of Medicine  
Chapel Hill, North Carolina

1979-1980      Chief Resident in Radiology  
Department of Radiology  
University of North Carolina School of Medicine  
Chapel Hill, North Carolina

1977            M.D. - Cornell University Medical College  
New York, New York

1973            B.S. - Electrical Engineering  
With Distinction  
Cornell University  
College of Engineering  
Ithaca, New York

## **PROFESSIONAL EXPERIENCE--EMPLOYMENT HISTORY**

2007-Present	Ernest H. Wood Distinguished Professor of Radiology & Surgery <b>Chairman</b> Department of Radiology University of North Carolina School of Medicine Chapel Hill, North Carolina 27599
January-March 2004	Professor of Radiology and Surgery Acting Chairman Department of Radiology University of North Carolina School of Medicine Chapel Hill, North Carolina 27599
1991-2007	Professor of Radiology and Surgery Vice Chairman Department of Radiology University of North Carolina School of Medicine Chapel Hill, North Carolina 27599
1990-1991	Associate Professor of Radiology and Surgery Chief, Special Procedures Division Chief, Computed Body Tomography Section Department of Radiology and Surgery University of North Carolina School of Medicine Chapel Hill, North Carolina 27599
1989-1990	Associate Professor of Radiology Chief, Special Procedures Division Chief, Computed Body Tomography Section Department of Radiology University of North Carolina School of Medicine Chapel Hill, North Carolina 27514
1986-1989	Associate Professor of Radiology Chief, Computed Body Tomography Department of Radiology University of North Carolina School of Medicine Chapel Hill, North Carolina 27514
1982-1986	Assistant Professor of Radiology Chief, Gastrointestinal Radiology Section Department of Radiology University of North Carolina School of Medicine Chapel Hill, North Carolina 27514

## **HONORS AND AWARDS**

Who's Who in America 2004, 2005, 2006, 2007

America's Top Cancer Doctors 2005  
 America's Top Radiologists 2004, 2005  
 America's Top Doctors 2003, 2004, 2005, 2006, 2007  
 Who's Who in Medicine 2004-2005  
 Associate Editor: Seminars in Interventional Radiology  
 The Berg Invited Lecturer—University of Michigan School of Medicine (2003)  
 Special Service Award: American Board of Radiology 2002  
 Editor's Recognition Award with Special Distinction—Radiology (2001)  
 Sandy Blumfied Invited Lecturer---Yale University School of Medicine  
 Editor's Certificate of Recognition – RadioGraphics 1997-2000  
 Editor's Recognition Award in Reviewing—Cardiovascular & Interventional Radiology (1997-2000)  
 Fellow - Council on Cardiovascular Radiology, American Heart Association (1996-present)  
 Editor's Recognition Award for Distinction in Reviewing - *Radiology* (1992-2000)  
 Cook Invitation Lecturer: Royal College of Radiology (1993)  
 Fellow - American College of Radiology (1993)  
 Fellow-- American College of Angiology (1993)  
 Joint Appointment to Department of Surgery  
 Fellow -- Society of Cardiovascular and Interventional Radiology  
 Chief Resident in Radiology 1979-1980  
 College Scholar Program - Cornell University, 1973  
 Tau Beta Pi (National Engineering Honor Society), 1972  
 Honorary Co-Chairman: SIR Foundation

## **BIBLIOGRAPHY**

### **BOOKS**

1. In Progress: Image Guided Intervention (Senior Editor)
2. Guest Editor: Seminars in Interventional Radiology “Embolotherapy” March 2004
3. Editor: Pieter PC, Tisnado J, Mauro MA Venous Catheters---A Practical Manual, Thieme Medical Publishers, New York, New York 2002
4. Guest Editor: Technique in Vascular and Interventional Radiology “Venous Access” Sept 1998; Vol 1 No. 3.

### **BOOK CHAPTERS**

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2. Burke CT, Mauro MA. Bronchial Artery Embolization for Hemoptysis in Mauro MA, Ray C (Eds) Seminars in Interventional Radiology—Embolotherapy In Press
3. Mauro MA, Weeks SM. Venous Access in Abrams Angiography; Baum, Pentecost eds. Little Brown Co. 2005.
4. Mauro MA, Burke CT, Jaques PF. Interventional Radiology of the Thorax: Transcatheter Bronchial Artery Embolization for Inflammation (Hemoptysis) Abrams Angiography, Baum, Pentecost eds, Little Brown Co. 2005.
5. Tan WA, Mauro MA. Interventional Approaches for Peripheral Vascular Disease. In Runge MS, Ohman M, eds. Netter's Cardiology Icon Learning Systems USA 2004.

6. Farber MA, Mauro MA, Tan WA. Thoracic Aorta Aneurysm and Dissection.
7. Mauro MA. "Central Venous Access" in Adam, Dondelinger, Mueller (Eds.): Interventional Radiology in Cancer Springer-Verlag Heidelberg 2003
8. Mauro MA. "Image Guided Percutaneous Gastrostomy and Gastrojejunostomy" in van Heerden JA, Farley DR (eds) Operative Techniques in General Surgery Volume 3, No. 4 December 2001
9. Mauro MA. "Bronchial Artery Embolization" in Embolotherapy: Bench to Bedside. Center for Device Evaluation and Radiological Health, FDA.
10. Mauro MA, Arnder LL. "Dialysis Grafts" in Minimal Access Surgery for Vascular Disease Leahy A, Bell P, Katzen B (eds) Isis Medical Medial Limted. Oxford England.
11. Mauro MA, "Delayed Complications of Venous Access" in Mauro MA (guest editor) Katzen BT, Semba CP (eds) Techniques in Vascular and Interventional Radiology 1998; 1:158-167.
12. Weeks SM, Mauro MA: "Unconventional Access" in Mauro MA (guest editor) Katzen BT, Semba CP (eds) Techniques in Vascular and Interventional Radiology 1998; 1:154-157.
13. Weeks SM, Mauro MA: "Centrally Placed External Catheters and Subcutaneous Ports" in Mauro MA (guest editor) Katzen BT, Semba CP (eds) Techniques in Vascular and Interventional Radiology 1998; 1:133-139.
14. Mauro MA: "Device Selection" in Mauro MA (guest editor) Katzen BT, Semba CP (eds) Techniques in Vascular and Interventional Radiology 1998; 1:119-124.
15. Mauro MA: "Introduction" in Mauro MA (guest editor) Katzen BT, Semba CP (eds) Techniques in Vascular and Interventional Radiology 1998; 1:115.
16. Mauro MA. Radiologic Placement of Implantable Devices. In McCowan TC, Goertzen TC (eds), Radiologic Placement and Management of Venous Access Devices. Churchill-Livingstone.
17. Mauro MA, Black SE: Central venous access. In Bakal CW, Cynamon J, Sprayregen S (eds) Principles and Practice of Vascular and Interventional Radiology. Thieme Medical Publishers.
18. Mauro MA, Keaton N: Hemoptysis: Transcatheter embolotherapy. In Matsumoto A: Non-Cardiac Thoracic Intervention. Igaku-Shoin Medical Publishing: In Press.
19. Campbell WE, Mauro MA, Jaques PF: Insertion and care of long-term central venous catheters. In Matsumoto A: Non-Cardiac Thoracic Intervention Igaku-Shoin Medical Publishing: In Press.
20. Mauro MA, Keaton N: Vascular intervention for urologic diseases including embolization and angioplasty. In Complications of Interventional Procedures in Urology Igaku-Shoin Medical Publishing: 1995.
21. Mauro MA: Major complications: hemoptysis. In Cystic Fibrosis in Adults. Little, Brown & Co.: 1995.
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23. Mauro MA, Jaques PF. Transcatheter bronchial artery embolization for inflammation (hemoptysis). In Abrams Angiography 4th Ed. Little, Brown & Co.: Boston.
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### **BOOK REVIEWS**

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4. Clinical Radiology of the Small Intestine by Hans Herlinger M.D. and Dean Maglinte M.D., Journal of Vascular Surgery.
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4. Riesenman PJ, Mendes RR, Mauro MA, and Farber MA. Endovascular exclusion of an external carotid artery pseudoaneurysm using a covered stent-graft. Cardiovasc Intervent Radiol. 2007;30:1025-1028.

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99. Mauro MA, Parker LA: Percutaneous drainage of a cystic tumor for relief of pain. *South Med Jour* 1987; 80:1466.
100. Proctor HJ, Schwartz JA, Rutledge R, Mauro MA: Radiology and surgery in the treatment of the complications of acute pancreatitis. *North Carolina Med Jour* 1987; 48:211-216
101. Mandel SR, Jaques PF, Sanofsky S, Mauro MA. Non-operative management of peripancreatic arterial aneurysms: A ten year experience. *Ann Surg* 1987; 205:126-128
102. Mauro MA, Jaques PF: New techniques for left adrenal vein catheterization. *Cardio Vasc Int Rad* 1987; 10:86-88.
103. Gaisie G, Jaques PF, Mauro MA: Percutaneous drainage of fluid collections in children. *Ped Rad* 1987; 17:143-146.
104. Jaques PF, Mauro MA, Safrit H, et al: CT features of intraabdominal abscess: Prediction of successful percutaneous drainage. *AJR* 1986; 146:1041.
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106. Parker, LA, Vincent CM, Mauro MA, Pun JR: Extramedullary hematopoiesis: demonstration by transmission and emission computed tomography. *Clinical Nuclear Medicine* 1986; 11:-3.
107. Parker, LA, Vincent LM, Mauro: Hemangiopericytoma metastatic to liver: sonographic appearance. *J Clin Ultrasound* 1985; 13:347-349.
108. Mauro, MA, Jaques, PF, Mandell VS, Mandel, SR: Pelvic abscess drainage by the transrectal catheter

approach in men. AJR 1985; 144:477-479.

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110. Parker LA, Mittelstaedt CA, Mauro MA, Mandell VS, Jaques PF: Torsion of a wandering spleen. J CAT 1984; 8:1201-1204.
111. Mauro MA, Vincent LM, Mandell VS, Guilford WB. Gas within hemophilic pelvic pseudotumors: CT demonstration. J CAT 1984; 8:473-475.
112. Vincent LM, Rho TH, McCartney WH, Mauro MA. Hepatic adenoma: discordant uptake with Tc-99m Sulfur Colloid and Tc-99m DISIDA. Clinical Nuclear Medicine 1984; 9:415-416.
113. Vincent LM, McCartney WH, Mauro MA, Davidson RA: Discordant hepatic uptake between Tc-99m sulfur colloid and Tc-99m DISIDA in hypervitaminosis A. J Nucl Med 1984; 24:207-208.
114. Vincent LM, Mauro MA, Mittelstaedt CA: The lesser sac and gastrohepatic recess: Sonographic appearance and differentiation of fluid collections. Radiology 1984; 150:515-519.
115. Balfe DM, Mauro MA, Koehler RE, Lee JKT, Weyman PJ, Picus D, Peterson RR: Gastrohepatic ligament. Normal and pathologic CT anatomy. Radiology 1984; 150:485-490.
116. Glazer HS, Lee JKT, Balfe DM, Mauro MA, Griffith R, Sagel SS: Non- Hodgkin's lymphoma: Computed tomographic demonstration of unusual extranodal involvement. Radiology 1983; 149:211-217.
117. Shirkhoda A, Mauro MA, Staab EV, Blatt P. Soft tissue hemorrhage in hemophilic patients: Computed tomography and ultrasound study. Radiology 1983; 147:811-814.
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120. Mauro MA, Stanley RJ: Rapid development of heart failure in a 45 year old man. Invest Radiol 1982; 17:201-205.
121. Mauro MA, McCartney WH, Melmed JR: Hepatobiliary scanning with Tc-99m PIPIDA in acute cholecystitis. Radiology 1982; 142:193-197
122. Mauro MA, Jaques PF: Granular cell tumors of the esophagus and common bile duct. J Canad Assoc Radiology 1981; 32:254-256
123. Mauro MA, Jaques PF: Modified trocar cannular system for percutaneous pancreatic abscess drainage. Radiology 1981; 139:227-228
124. Jaques PF, Mauro MA, Scatliff JH: The failed transhepatic cholangiogram. Radiology 1980; 134:34-35.

## **ABSTRACTS**

1. Jaques PF, Campbell WE, Dumbleton S, Mauro MA: Use of the first rib as a fluoroscopic marker for central line insertion. JVIR 1995.

2. Borge MD, Jaques PF, Mauro MA, Morris CR: Percutaneous renal ablation in children with end-stage renal disease. *JVIR* 1992; 3:8.
3. Dick L, Mauro MA, Jaques PF, Buckingham PJ: Radiologic insertion of Hickman catheters in HIV-positive patients. *JVIR* 1991; 2:55.
4. Mauro MA, Jaques PF: Vascular complications of pancreatitis: transcatheter therapy. *JVIR* 1991; 2:20-21.
5. Jaques PF, Mauro MA, Maddux F: Use of the atherectomy catheter on hemodialysis shunt venous stenoses resistant to balloon angioplasty. *Invest Radiol* 1990; 24:S84.
6. Parker LA, Mauro MA, McPhail AH, Yankaskas B: CT in the evaluation of clinical stage IB cancer of the cervix. *Invest Radiol* 1988; 23:S23.
7. Cuttino JT, Scatliff JH, Mauro MA, Parker LA: A uniform acceptance date for PGY-2 resident recruitment. *Invest Radiol* 1985; 20:525.
8. Press G, McClennan BL, Nelson GL, Weyman PT, Lee JKT, Mauro MA: Papillary renal cell carcinomas - CT and ultrasound evaluation. Presented at the Society of Uroradiology, San Francisco, September 1983.
9. Mauro MA, Wadsworth DE, Stanley RJ, McClennan BL. Renal-cell carcinoma: Angiography in the CT era. Presented at the meeting of the Society of Uroradiology, West Palm Beach, FL, March 1982.

## **PRESENTATIONS**

### **Papers**

1. Jan 2008 – ISET, Hollywood, FL: Percutaneous Management of Vascular Malformations
2. Jan 2008 – ISET, Hollywood, FL: Percutaneous Therapy for the Control of Hemoptysis
3. Jan 2008 – ISET, Hollywood, FL: Optimizing Fistula Maturation
4. Jan 2008 – ISET, Hollywood, FL: Current Strategies and Devices for Declot Procedures
5. 2007 – Is There a Role For Interventional Treatment of Portal Bed Thrombosis? VEITH Symposium 2007; New York, NY 11/2007
6. 2007 – ISET, Hollywood, FL Portal Vein Thrombosis: Is there a Rule for Intervention?
7. 2007 – ISET, Hollywood, FL Pitfalls in Dialysis Access Management.
8. 2007 – ISET, Hollywood, FL Embulotherapy Case Review Workshop.
9. 2007 – ISET, Hollywood, FL Results from the UFE Registry: What have we learned?
10. 2007 – ISET, Hollywood, FL Treatment Strategies for AVMs.
11. 2002 - SCVIR. Beyers J, Jaques PF, Sandhu J, Weeks S, Mauro MA. Provacative t-PA infusions in the management of occult GI bleeding. Baltimore
12. 2001 - Radiologic Society of North America Hollingshead M, Mauro MA, Sandhu J, Weeks S, Jaques PF. Transcatheter Thrombolytic Therapy for Acute Mesenteric and Portal Vein Thrombosis. Chicago

13. 1995 - SCVIR, Fort Lauderdale, FL; Jaques PF, Campbell WE, Dumbleton S, Mauro MA: The first rib as a fluoroscopic marker in the placement of central venous catheters.
14. 1994 - 19th Annual Meeting of the SCVIR, San Diego, California; Mauro MA, Jaques PF, Warshauer DM, Keefe B, McCall JM: Variations in liver-colon anatomic relationship: Relevance to interventional radiology.
15. 1994 - Southeastern Surgical Congress, New Orleans, Louisiana; Mauro MA: The efficacy of percutaneous cholecystostomy in critically ill patients.
16. 1994 - Southern Association for Vascular Surgery, Scottsdale, Arizona; Criado E, Marston WP, Jaques PF, Mauro MA, Keagy BA: Proximal venous outflow obstruction in patients with upper extremity arteriovenous dialysis access.
17. 1994 - RSNA, Chicago, Illinois; Semelka RC, Schlund JF, Molina PL, Bagley AS, Kahlenberg M, Mauro MA, Weeks SM, Cance WG: Malignant liver lesions: Comparison of helical CTAP and MRI for diagnostic accuracy, cost and effect on patient management.
18. 1993 - 18th Annual Meeting of the SCVIR, New Orleans, LA; McCall J, Mauro MA, Jaques PF: Percutaneous cholecystostomy as a diagnostic procedure.
19. 1992 - 17th Annual Meeting of the SCVIR, Washington D.C.; Mauro PJ, Jaques PF, Stubblebine. The impact of a radiologic central venous catheter service placement service.
20. 1992 - 17th Annual Meeting of the SCVIR, Washington D.C.; Borge MA, Mauro MA, Jaques PF, Morris CR: Percutaneous renal ablation in children with end stage renal disease.
21. 1992 - The Royal College of Radiologists, Southampton, England; Jaques PF, Mauro MA: Early experience with transjugular intrahepatic portosystemic shunt (TIPS).
22. 1991 - 16th Annual Meeting of The Society of Cardiovascular and Interventional Radiology, San Francisco, California; Mauro MA, Jaques PF: Vascular complications of pancreatitis: transcatheter therapy.
23. 1991 - 16th Annual Meeting of the Society of Cardiovascular and Interventional Radiology, San Francisco, California; Dick L, Mauro MA, Jaques PF, Buckingham PJ: Radiologic insertion of Hickman catheters in HIV-positive patients.
24. 1991 - Society of Pediatric Surgery; Taylor LA, Jaques PF, Mauro MA, Lacey SR, Azizkhan RG: Percutaneous translumbar and transhepatic caval catheters for prolonged vascular access in children.
25. 1991 - 77th Annual Meeting of the RSNA, Chicago, Illinois; Morris SL, Mauro MA, Jaques PF: Radiologic placement of implantable infusion ports.
26. 1990 - Society of Magnetic Resonance Imaging, New York City, New York; Schiebler ML, Robertson L, Mauro MA, Koomen MA, Whaley RA: Torque of projectiles at 1.5 T.
27. 1990 - Society of Magnetic Resonance Imaging, New York City, New York; Schiebler ML, Mauro MA, Mohler J, McSherry S, McCartney WH: Cine MRI assessment of the IVC: normal and abnormal flow patterns.
28. 1990 - 90th Annual American Roentgen Ray Society Meeting, Washington D.C.; Mauro MA, Schiebler ML, Parker LA, Jaques PF: The spleen in pancreatitis: CT findings.
29. 1990 - 90th Annual American Roentgen Ray Society Meeting, Washington D.C.; Mauro MA, Jaques PF: Is puncturing vascular grafts contraindicated?

30. 1990 - 90th Annual Meeting of the American Roentgen Ray Society, Washington D.C.; Schiebler ML, Keefe B, Mauro MA, Mohler J, Dent G, McCartney WH, Mittelstaedt CA, McSherry S: Comparison of MRI, ultrasound and the clinical exam in the staging of adenocarcinoma of the prostate.
31. 1989 - AUR, Seattle, Washington; Jaques PF, Mauro MA, Maddox F: Use of the atherectomy catheter on hemodialysis shunt venous stenoses resistant to balloon angioplasty.
32. 1989 - Royal College of Radiologists, Liverpool, England. Jaques PF, Mauro MA: Radiologic placement of long-term large bore venous catheters.
33. 1988 - Royal College of Radiologists, Exeter, England; Jaques PF, Mauro MA, Maddox F: Use of the atherectomy catheter on venous stenoses of hemodialysis shunts.
34. 1988 - Royal College of Radiologists, Exeter, England; Jaques PF, Mauro MA: Blunt trauma injuries to neck vessels.
35. 1988 - RSNA, Chicago, Illinois; Robertson LJ, Mauro MA, Jaques PF: Radiologic placement of Hickman catheters.
36. 1988 - AUR 36th Annual Meeting New Orleans, Louisiana; Parker LA, Mauro MA, McPhail AH, Yankaskas B: CT in the evaluation of clinical stage IB cancer of the cervix.
37. 1987 - Royal College of Radiologists, Oxford, England; Jaques PF, Mauro MA, Mandel SR: Embolotherapy for bleeding peri-Pancreatic pseudoaneurysms.
38. 1987 - Royal College of Radiologists, Oxford, England; Jaques PF, Mauro MA, Moore MD: Anatomic study of the popliteal artery and its branches.
39. 1987 - 81st Meeting of the Southern Medical Association, San Antonio, Texas; Criado E, Croom RD III, Proctor HJ, Jaques PF, Mauro MA: Percutaneous drainage of pancreatic pseudocysts.
40. 1986 - 15th Annual Meeting of The Society of Gastrointestinal Radiologists, Acapulco, Mexico; Mauro MA, Jaques PF, Swankowski, et al: CT following uncomplicated esophageal sclerotherapy.
41. 1985 - 33rd Annual Meeting of the Association of University Radiologists, Nashville, Tennessee; Cuttino JT, Scatliff JH, Mauro MA: A uniform acceptance date for PGY-2 resident recruitment.
42. 1985 - 71st Annual Meeting of The Radiological Society of North America, Chicago, Illinois; Creasy JL, Cuttino JT, Mauro MA, Staab EV, et al: Comparison of CT with IVP, BE, sigmoidoscopy and cystoscopy in the initial evaluation of cervical carcinoma.
43. 1983 - 69th Annual Meeting of the Radiological Society of North America, Chicago; Washburn D, Killebrew K, Mauro MA, Bream CA, Roberts B: Erbium and tungsten filtration in barium enema examinations.
44. 1982 - 12th Annual Meeting of the Society of Gastrointestinal Radiology, Banff, Alberta, Canada; Mauro MA, Balfe DM, Koehler RE, Lee JKT, Picus D: CT findings in the gastrohepatic ligament.
45. 1982 - 68th Annual Meeting of the Radiological Society of North America, Chicago; Mauro MA, Balfe DM, Koehler RE, Lee JKT, Picus D: CT of the gastrohepatic ligament.
46. 1980 - 66th Annual Meeting of the Radiological Society of North America, Dallas, Texas; Mauro MA, McCartney WH, Melmed JR: Hepatobiliary scanning with Tc-99m PIPIDA in acute cholecystitis.

## **Exhibits**

1. Phelps SJ, Warshauer DM, Mauro MA. Paraduodenal hernias: embryology, radiographic appearance and clinical features. Society of Gastrointestinal Radiology, Orlando, FL February 1992.
2. Rebsamen S, Szumowski J, Axel L, Rao P, Kressel H, Mauro MA, McCartney W, Schiebler ML: Technique for fat suppression and their ability to distinguish fat from methemoglobin on T1W images. 90th Annual American Roentgen Ray Society Meeting, Washington D.C. May 1990.
3. Schiebler ML, Robertson L, Mauro MA, Koomen MA, Whaley RA: Torque of projectiles at 1.5T. 90th Annual American Roentgen Ray Society Meeting, Washington D.C. May 1990.
4. Jaques PF, Moore M, Mauro MA: Anatomy of the popliteal artery and its branches. ARRS, Miami, FL 1987
5. Tripp MD, Jaques PF, Mauro MA: Comparison of abnormal renal AV communications. Royal College of Radiologists, Oxford, England September, 1987.
6. Shirkhoda A, Mauro MA, Staab EV, McCartney WH, Blatt P. Cross sectional imaging of hemorrhage in hemophiliac patients. 66th Annual Meeting of the Radiological Society of North America, Dallas, Texas
7. Vincent, LM, Mittelstaedt CA, Mauro MA. The lesser sac and gastrohepatic recess: Sonographic appearance. 69th Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois 1983

## **Visiting Professorships and Lectureships**

1. Current Strategies and Devices for Declot Procedures: International Symposium on Endovascular Therapies (ISET). Hollywood, FL, Jan 2008
2. 2007: Pitfalls in Dialysis Access Management. International Symposium for Endovascular Therapy, Hollywood, FL, Jan 2007
3. 2007: Results from the UFE Registry: What Have We Learned? International Symposium for Endovascular Therapy, Hollywood, FL, Jan 2007
4. 2007: Treatment Strategies for AVMs. International Symposium for Endovascular Therapy, Hollywood, FL, Jan 2007
5. 2007: Embolotherapy Case Management Session: . International Symposium for Endovascular Therapy, Hollywood, FL, Jan 2007
6. 2007: Portal Vein Thrombosis: Is There a Role for Intervention?, International Symposium for Endovascular Therapy, Hollywood, FL, Jan 2007
7. 2007: Vascular Malformations: IR Fellows Review Course, Hollywood, FL, Jan 2007
8. 2007: Interventional Strategies for Vascular Access Troubleshooting; Central Venous Access: Trends and Challenges, Chapel Hill, NC Jan 2007
9. 2006: Cased Based Management: VIR. Vascular Diagnosis, RSNA, Chicago, IL Nov. 2006
10. 2006: Vascular Malformations: IR Fellows Review Course, Miami Beach, FL Jan 2006
11. 2006: Embolotherapy for Endoleaks: International Symposium for Endovascular Therapy, Miami

Beach, FL Jan 2006

12. 2006: Transcatheter Thrombolytic Therapy for Mesenteric and Portal Vein Thrombosis; International Symposium for Endovascular Therapy, Miami Beach, FL Jan 2006
13. 2006: Transcatheter Therapy for Hemoptysis: International Symposium for Endovascular Therapy, Miami Beach, FL Jan 2006
14. 2006: Transcatheter Therapy for Hemoptysis: University of Miami Visiting Professor Program, Miami, FL June 2006
15. 2006: The Management of AAA Endoleaks: University of Miami Visiting Professor Program, Miami, FL June 2006
16. 2006: Management of Acute and Chronic DVT: University of Miami Visiting Professor Program, The Robert Shapiro Lecture, University of Miami, Miami FL, June 2006
17. 2005: Image Guided Management of Uterine Fibroids. Department of OB-GYN, UNC Grand Rounds, Chapel Hill, NC Jan 2005
18. 2005: Management of Hemoptysis. International Symposium of Endovascular Therapy. Miami Beach, FL Jan 2005
19. 2005: Chemoembolization of Liver Tumors. International Symposium of Endovascular Therapy. Miami Beach, FL Jan 2005
20. 2005: Vascular Malformations. VIR Review Symposium. Miami Beach, FL Jan 2005
21. 2005: Ablative Techniques in Management of Colorectal Cancer. Multidisciplinary Management of GI Malignancies: Pancreatic and Colorectal Cancer UNC School of Medicine Hilton Head, SC April 2005
22. 2005: Interesting Cases Presentation. The Annual Meeting of the American Radiological Nurses Association (ARNA) New Orleans, LA April 2005
23. 2005: Endoleaks: Diagnosis and Management. Wake Forest University School of Medicine, Winston-Salem NC August 2005
24. 2005: Radiology Unknowns: Wake Forest University School of Medicine, Winston-Salem NC August 2005
25. 2005: Dialysis Access Management. UNC Endovascular Symposium, Pinehurst, NC Oct. 2005
26. 2005: Complications of Hemodialysis Catheters. Advanced Interventional Management, New York, NY Nov. 2005
27. 2005: Dialysis Access Management. Advanced Interventional Management, New York, NY Nov 2005
28. 2005: Endoleak Diagnosis and Management: Radiologic Society of North America, Chicago IL Nov 2005
29. 2004: Interventional Radiology Fellows Review Symposium: Miami Beach, FL Jan 2004
30. 2004: Interventional Radiology: Past, Present and Future. North Carolina Medical Society Spring Meeting Charlotte, NC March 2004

31. 2004: Interventional Radiology: Bard Access Systems Annual Meeting, Salt Lake City, UT March 2004
32. 2004: Aneurysmal Sac Enlargement—What to Do? Advanced Endovascular Techniques; Chapel Hill, NC March 2004
33. 2004: Percutaneous Management of Vascular Malformations; North Carolina Pediatric Society, Sunset Beach August 2004
34. 2004: Endoleaks; How and When to Manage Them; Endovascular Therapies 2004: Management Strategies for Vascular Patients, Pinehurst, NC, October 2004
35. 2004: Percutaneous Management of DVT and Its Sequelae, Endovascular Therapies 2004: Management Strategies for Vascular Patients. Pinehurst, NC Oct. 2004
36. 2003: Oncologic Interventions in the Liver Transplant Patient: The Society of Interventional Radiology, Salt Lake City, UT March 2003
37. 2003: Morphologic and Anatomic Features of Endograft Failure: The Society of Interventional Radiology, Salt Lake City, UT March 2003
38. 2003: Unknown Film Panel: The Society of Interventional Radiology, Salt Lake City, UT March 2003
39. 2003: The 2003 Berg Lecturer: AAA Endografts: Failures and Remedies, Ann Arbor, MI May 2003
40. 2003: Interventional Radiology: Past, Present and Future. Houston, TX June 2003
41. 2003: Chemoembolization and Radiofrequency Ablation of Liver Metastases. 11<sup>th</sup> Annual Coastal Oncology Symposium. Wilmington, NC June 2003
42. 2003: Treatment of Acute DVT: Heparin vs Transcatheter Thrombolysis. 26<sup>th</sup> Annual Meeting of the Society of Vascular Ultrasound, Charlotte, NC July 18
43. 2003: Percutaneous Transcatheter Thrombolytic Therapy: Charlotte Vascular Group, Charlotte, NC
44. 2003: Management of DVT: Martha Jefferson Hospital Vascular Group, Charlottesville, VA
45. 2003: Percutaneous Management of Acute DVT: Raleigh Vascular Group, Raleigh NC August
46. 2003: Agents for Thrombolytic Therapy: University of Virginia Medical Center, Charlottesville, VA
47. 2003: Endograft Failures: Reasons and Remedies: University of Virginia Medical Center, Charlottesville VA,
48. 2003: Unknown Case Presentation: University of Virginia Medical Center, Charlottesville Va.
49. 2003: Oncologic Intervention in the Liver Transplant Patient: University of Virginia Medical Center, Charlottesville VA. October 2003
50. 2002: Lessons Learned in Visceral Angiography. The 27<sup>th</sup> Annual Meeting of the SCVIR. Baltimore MD April, 2002
51. 2002: Unknown Film Panel. The 27<sup>th</sup> Annual Meeting of the SCVIR. Baltimore MD April, 2002
52. 2002: Venous Thrombolysis Workshop: The 27<sup>th</sup> Annual Meeting of the SCVIR. Baltimore MD, April 2002

53. 2002: Update on the National UAE Registry—A Keynote Address: The American Roentgen Ray Society Annual Meeting. Atlanta, May 2002
54. 2002: Interventional Radiology: Past , Present and Future: National Boston Scientific Corporation Sales Meeting, Colorado Springs Sept. 2002
55. 2002: Interventional Radiology Coding; North Carolina Radiologic Business Managers Meeting Chapel Hill, NC Sept. 2002
56. 2002: Interventional Radiology Oncologic Research: CIRREF, Washington DC, Sept. 2002
57. 2002: Tricks of the Trade in Dialysis Access Management: Stanford Vascular Symposium, Half-Moon Bay CA. Oct. 2002
58. 2002: The Future and Its Impact on Interventional Radiology: Stanford Vascular Symposium, Half-Moon Bay CA. Oct. 2002
59. 2002: Detection and Management of Endoleaks: What is the Best Method? UNC Endovascular Symposium, Chapel Hill NC Nov 2002
60. 2002: Agents for Lytic Therapy: Do Results Differ? UNC Endovascular Symposium, Chapel Hill NC Nov 2002
61. 2002: New Developments in Thrombolysis: Practical Applications in PAO and DVT. Symposium on Thrombolysis Charlotte NC Nov 2002
62. 2002: Endovascular Grafts: Role of the Radiologists. Radiological Society of North America 88<sup>th</sup> Session. Chicago, IL Nov 2002
63. 2001—The Thirteenth Annual International Symposium on Endovascular Therapies. IVC and Hepatic Vein Stenting Following Liver Transplantation. January 26,2001, Miami Beach, FL
64. 2001—Area L AHEC: Image Guided RFA Ablation. February 7, 2000; Roanoke Rapids, NC
65. 2001—Bayer Experts Meeting: Update on Thrombolytics. Amelia Island, FL March 17, 2001
66. 2001—Society of Gastrointestinal Radiologists. Interventional Management of Acute Pancreatitis. March 27, 2001 Scottsdale, AZ
67. 2001—Thrombolytic Therapy. The Role of Thrombolytic Therapy in the Management of DVT, PAO, Dialysis Grafts and Dysfunctional Catheters. April 23, 2001 Nashville, TN
68. 2001—GYN Device Panel of the FDA. Current Status of the UAE National Registry. May 22, 2001, Bethesda, MD
69. 2001—Fellows Endovascular Stent Graft Training Session. Pre-procedural Imaging, July 26, 2001, Chapel Hill, NC
70. 2001—Fellows Endovascular Stent Graft Training Session. Management of Endoleaks. July 27, 2001 Chapel Hill, NC
71. 2001—Speaker Training Session for CathFlo. The Role of Thrombolytics in the Management of Dysfunctional Hemodialysis Catheters. July 21, 2001 San Diego, CA
72. 2001 – 2001 Charles J. Tegtmeier, MD Memorial Postgraduate Course, Charlottesville, VA. Catheter-

Directed Thrombolysis and Mechanical Thrombectomy for DVT: Indications and Results.

73. 2001 – 2001 Charles J. Tegtmeier, MD Memorial Postgraduate Course, Charlottesville, VA. Catheter-Induced Venous Thrombosis: Significance and Management.
74. 2001 – New Developments in Vascular Surgery: 11<sup>th</sup> Annual Symposium, Chapel Hill, NC Lytic Therapy in the Venous and Arterial Systems. Nov 4, 2001
75. 2001—Current Status of Uterine Artery Embolization; Radiologic Society of North America, Chicago, Nov. 26, 2001
76. 2001—Uterine Artery Embolization. Grand Rounds, Department of Obstetrics and Gynecology, University of North Carolina School of Medicine, Chapel Hill, NC Dec. 5, 2001
77. 2000—12<sup>th</sup> Annual International Symposium on Endovascular Therapy, Overview of Dec clotting Techniques, Miami Beach Jan 2000
78. 2000—12<sup>th</sup> Annual International Symposium on Endovascular Therapy; Mesenteric Venous Thrombolysis, Miami Beach Jan 2000
79. 2000—3<sup>rd</sup> Annual Endovascular Interventional Practicum; Venous Access: Complications and Their Management, Breckenridge, CO Feb 2000
80. 2000—3<sup>Rd</sup> Annual Endovascular Interventional Practicum; Percutaneous Management of Deep Venous Thrombosis, Breckenridge, CO Feb 2000
81. 2000—3<sup>rd</sup> Annual Endovascular Interventional Practicum; Selected Topics in the Management of GI Bleeding, Breckenridge, CO Feb 2000
82. 2000—Society of Cardiovascular and Interventional Radiology Annual Meeting: Lessons Learned in Venous Access. San Diego, CA March 2000
83. 2000—24<sup>th</sup> Annual UNC Internal Medicine Review Course; Radiology Unknowns. Chapel Hill, NC April 2000
84. 2000—Thomas Jefferson University Visiting Professor; The Percutaneous Management of Hemoptysis. May 31, 2000 Philadelphia PA
85. 2000—The NC AVIR Annual Meeting: Billing and Coding. June 10, 2000 Greensboro, NC
86. 2000—Uterine Artery Embolization Conference: UAE Registry. October 14, 2000 Washington, DC
87. 2000—Fifth International Symposium on Vascular and Interventional Radiology: Management of Failing Venous Access Devices. November 7, 2000 Boston MA
88. 2000—Fifth International Symposium on Vascular and Interventional Radiology: Workshop Venous Access. November 9, 2000 Boston MA
89. 2000—Merrill Lynch Medical Technology Meeting: Panel AAA, Carotid Stenting, and Peripheral Stenting. November 17, 2000 New York, NY
90. 2000—The Center for Device Evaluation and Radiological Health, FDA: Embolotherapy: Bench to Bedside: Bronchial Artery Embolization in the Management of Hemoptysis. December 11, 2000 Bethesda, MD

91. 1999—24<sup>th</sup> Annual Meeting of the SCVIR, Orlando FL Choosing Venous Access Sites and Devices—Which on and Where
92. 1999---Vascular Centers of Excellence; Chicago, April 1999; The Value of a Vascular Center to an Interventional Radiologist
93. 1999---Bayer Pharmaceutical: Research Triangle Park, North Carolina, October 1999; t-PA in the Treatment of Peripheral Occlusive Disease
94. 1999—Southeast Angiographic Society; SCVIR President’s Message. Kiawah Island
95. 1999—Southeast Angiographic Society; Complications of Venous Access: Diagnosis and Management. Kiawah Island
96. 1999—Southeast Angiographic Society; GI Intervention. Kiawah Island
97. 1999—Radiologic Society Of North America; Keynote Address—Endovascular Therapy, Chicago
98. 1998 – Chicago Radiological Society, Chicago Illinois: Mauro, MA. Venous Access: Turt Issues for the Future.
99. 1998 – ACR Task Force On Vascular Restenosis, Washington, D.C.: Mauro, MA Peripheral Vascular Intervention.
100. 1998 – Radiological Society of North America, Chicago, Illinois: Mauro, MA. Categorical Course in Vascular Imaging: Venous Intervention: Venous Access.
101. 1998 - 10<sup>th</sup> Annual International Symposium on Vascular Diagnosis and Intervention, Miami FL “Dialysis Access Management”.
102. 1998 – 10<sup>th</sup> Annual International Symposium on Vascular Diagnosis and Intervention, Miami FL “IVC Filters: Complication and Their Management”.
103. 1998 – Society of Gastrointestinal Radiologists, Palm Springs. “Percutaneous Management of the Budd – Chiari Syndrome”.
104. 1998 – International Symposium on Vascular Diagnosis & Intervention, Miami, FL. “Venous Access Workshop”
105. 1998 – Society of Cardiovascular & Interventional Radiology, San Francisco, CA. “Venous Access Workshop”.
106. 1998 – 22<sup>nd</sup> Annual UNC Internal Medicine Conference, Chapel Hill, NC. “Radiology Unknown.
107. 1998 – Chicago Radiological Society, Chicago, IL. “Venous Access”.
108. 1998 - University of Virginia, Charlottesville, VA. “Bronchial Artery, Embolization”.
109. 1998 - University of Virginia, Charlottesville, VA. “Central Venous Access”.
110. 1998 - University of Virginia, Charlottesville, VA. “Percutaneous Management of Deep Venous Thrombosis.
111. 1998 –16<sup>th</sup> Annual Sandy Blurstein Lecture: Yale University Medical School, New Haven, CT. “Transcatheter Management of Hemoptysis”

112. 1997 - Ninth Annual Interventional Symposium on Vascular Diagnosis and Intervention, Miami Beach, FL. "Complications of Venous Access: Diagnosis and Management".
113. 1997 - Ninth Annual Interventional Symposium on Vascular Diagnosis and Intervention, Miami Beach, FL, "Complications of IVC Filters".
114. 1997 - Annual Meeting of SCVIR, Washington, D.C., "Complications of Venous Access".
115. 1997 - 21<sup>st</sup> Annual Internal Medicine Conference, UNC Chapel Hill, "Review of Radiology Unknowns".
116. 1997 - First Annual Interventional Radiology Practicum, Beaver Creek, CO, "Venous Access Devices".
117. 1997 - First Annual Interventional Radiology Practicum, Beaver Creek, CO, "Dialysis Access Management".
118. 1997 - North Carolina Society of Radiology Business Managers, UNC Chapel Hill, "Interventional Radiology Coding".
119. 1997 - Greensboro Medical Club, Greensboro, NC, "Percutaneous Techniques in the Treatment of DVT".
120. 1997 - NCSRT, Charlotte, NC, "Percutaneous Techniques in the Treatment of DVT".
121. 1997 - 4<sup>TH</sup> International Workshop Interventional Radiology, "Central Venous Access" June 1997 Prague, Czech Republic
122. 1997 – Southeastern Angiographic Society, Williamsburg, VA, "Percutaneous Management of Non-vascular Complications of Pancreatic Inflammatory Disease".
123. 1997 – Southeastern Angiographic Society, Williamsburg, VA, "Transcatheter Therapy for Vascular Complications Associated with Pancreatic Inflammatory Disease.
124. 1997 – Southeastern Angiographic Society, Williamsburg, VA, "Transcatheter Therapy for Hemoptysis".
125. 1997 – NCAVIR, Charlotte, NC, "Transcatheter Therapy in the Management of DVT".
126. 1997 – New Developments in Vascular Surgery: 7<sup>th</sup> Annual Conference, Chapel Hill, NC, "Will MRA Replace Conventional Angiography"?
127. 1997 – 21<sup>st</sup> Annual Internal Medicine Conference, Chapel Hill, NC; Mauro MA. Review of radiology unknowns.
128. 1997 – First Annual Interventional Radiology Practicum, Beaver Creek, Colorado; Mauro MA. Dialysis access management.
129. 1997 – First Annual Interventional Radiology Practicum, Beaver Creek, Colorado; Mauro MA. Venous access devices.
130. 1997 – SEAS, Williamsburg, VA; Mauro, MA. Percutaneous management of non-vascular complications of pancreatic inflammatory disease.
131. 1997 – SEAS, Williamsburg, VA; Mauro, MA Transcatheter therapy for vascular complications associated with pancreatic inflammatory disease.
132. 1997 – SEAS, Williamsburg, VA; Mauro, MA. Transcatheter therapy for hemoptysis.
133. 1997 – Greensboro AHEC Annual NCSRT Conference, Greensboro, NC; Mauro, MA, Treatment of deep

vein thrombosis.

134. 1996 - 8th Annual International Symposium on Vascular Diagnosis and Intervention, Miami Beach, FL. "Venous access devices: update."
135. 1996 - 8th Annual International Symposium on Vascular Diagnosis and Intervention, Miami Beach, FL. "Unconventional access."
136. 1996 - 8th Annual International Symposium on Vascular Diagnosis and Intervention, Miami Beach, FL. "Complications of IVC filters."
137. 1996 - Vascular Interventional Update, Indianapolis, IN, Venous access.
138. 1996 - Current Therapy in Venous Disease, Chapel Hill, NC, New advances in venous imaging.
139. 1996 - NESCVIR, Harvard University, Venous Access Devices: Placement & Management.
140. 1996 - Southeastern Angiographic Society, White Sulpher Springs, West Virginia, IVC Filter Update.
141. 1996 - Southeastern Angiographic Society, White Sulpher Springs, West Virginia, Venous Access Update.
142. 1996 - Southeastern Angiographic Society, White Sulpher Springs, West Virginia, Status of Covered Stents.
143. 1996 - Second MidAtlantic Conference on Angio Access: Establishment and Maintenance of Dialysis and Venous Access, Williamsburg, Virginia, Placement of Subcutaneous Ports.
144. 1996 - Second MidAtlantic Conference on Angio Access: Establishment and Maintenance of Dialysis and Venous Access; Williamsburg, Virginia, Venous Access Via Unconventional Routes.
145. 1996 - New Developments in Vascular Surgery: 6th Annual Meeting, UNC Chapel Hill, Will MRI and Spiral CT Scanning Replace Angiography?.
146. 1996 - 15th Annual Meeting and Educational Program of the American Radiological Nurses Association, Chicago, IL, Venous Access - Overview of Devices and Techniques.
147. 1996 - RSNA Refresher Course, Chicago, IL, Placement and Management of Venous Access Devices.
148. 1995 - SCVIR, Fort Lauderdale, FL, "Central subcutaneous ports."
149. 1995 - SCVIR, Fort Lauderdale, FL, "Central venous access: overview."
150. 1995 - SCVIR, Fort Lauderdale, FL, "Venous access workshop."
151. 1995 - Atlanta Radiological Society, Atlanta, Georgia, "Venous access."
152. 1995 - Vascular and Non-Vascular Interventional Radiology Symposium, Vanderbilt University School of Medicine, Nashville, TN, "Thrombolysis and maintenance of dialysis shunts."
153. 1995 - Vascular and Non-Vascular Interventional Radiology Symposium, Vanderbilt University School of Medicine, Nashville, TN, "Percutaneous venous access: Techniques and results."
154. 1995 - RSNA Refresher Course, Chicago IL, "IVC filters."
155. 1995 - 5th Annual UNC Vascular Surgery Conference: Current Therapy in Vascular Surgery, Chapel Hill, North Carolina; Mauro MA: Future of MRI and spiral CT scanning in the diagnosis of vascular disease.

156. 1994 - Bard Access Systems, Aspen, Colorado, "Venous access and the interventional radiologist."
157. 1994 - Bard Access Systems, Aspen, Colorado, "Upper extremity port placement."
158. 1994 - The 19th Annual Meeting of the SCVIR, San Diego, California, "Percutaneous placement of externally tunneled venous access devices."
159. 1994 - Bard Access Systems, Salt Lake City, Utah, "Venous access update."
160. 1994 - UNC Symposium on Vascular Disease, Chapel Hill, North Carolina, "Advances in arterial imaging."
161. 1994 - MidAmerica Interventional Radiological Society, St. Louis, Missouri, "Venous access techniques."
162. 1994 - RSNA Refresher Course, Chicago, Illinois, "Placement and management of venous access devices."
163. 1994 - RSNA Workshop, Chicago, Illinois, "IVC filters."
164. 1993 - 22nd Annual Meeting of the Society of Gastrointestinal Radiology, Scottsdale, Arizona, "Interventional radiology of the biliary tract."
165. 1993 - Fifth Annual International Symposium on Vascular Diagnosis and Intervention, Miami Beach, FL, "Percutaneous insertion of vascular access devices."
166. 1993 - NC Chapter of Radiologic Technologists Annual Meeting, Burlington, North Carolina, "Thrombolytic therapy and its use in vascular radiology."
167. 1993 - The 18th Annual Meeting of the SCVIR, New Orleans, Louisiana, "Venous access devices: radiologic placement and management."
168. 1993 - The ARRS Annual Meeting, San Francisco, California, "Venous access."
169. 1993 - Royal College of Radiology, Warwick, England, "Radiologic placement and management of venous access devices."
170. 1993 - BARD Access Systems Physician Advisory Panel, San Francisco, California, "Unconventional access techniques."
171. 1993 - South Eastern Radiological Organization, Lumberton, North Carolina, "Insertion of venous access devices."
172. 1993 - Boston Scientific Corporation, Watertown, Massachusetts, "Venous access."
173. 1992 - The 16th Annual UNC Internal Medicine Conference, Chapel Hill, North Carolina, "New non-operative treatment of portal hypertension."
174. 1992 - SCVIR, Northwestern Memorial Hospital, Chicago, Illinois, "Venous access: devices and techniques for the interventional radiologist."
175. 1992 - North Carolina Association of Radiologic Nurses, Fayetteville, North Carolina, "TIPS."
176. 1992 - Chapel Hill, North Carolina, "Lytic therapy in lower extremity ischemia: surgical and medical management of the patient with peripheral vascular disease."
177. 1992 - ENCSGNA Fall Course in Gastroenterology, Chapel Hill, North Carolina, "GI radiological

procedures."

178. 1992 - Peripheral Division, Schneider, Minneapolis, Minnesota, "The utilization of guiding catheters."
179. 1992 - NC Chapter of ACR, Pinehurst, North Carolina, "Interventional radiology coding."
180. 1991 - 1991 Annual UNC Internal Medicine Review Course, Chapel Hill, North Carolina, "Renal artery stenosis: radiologic diagnosis and management."
181. 1991 - The University of North Carolina, Chapel Hill, North Carolina, "A radiologist's perspective from evaluation of thrombotic disease: clinical advances in the diagnosis and treatment of thrombotic disease."
182. 1991 - The University of North Carolina, Chapel Hill, North Carolina, "Invasive diagnosis and thrombolytic therapy: management of the patient with vascular disease."
183. 1991 - Siler City Hospital, Siler City, North Carolina, "Interventional radiology update."
184. 1990 - 14th Annual UNC Radiology Symposium, Hilton Head Island, South Carolina, "X-ray findings in AIDS."
185. 1989 - 13th Annual UNC Radiology Symposium, Hilton Head Island, South Carolina, "Thromboembolic disease: radiologic diagnosis and management."
186. 1989 - North Carolina Society of Vascular Technologists, Greensboro, North Carolina, "Radiologic evaluation of DVT."
187. 1988 - 12th Annual UNC Radiology Symposium, Hilton Head, South Carolina, "Colorectal cancer screening: the role of radiology."
188. 1988 - NC Chapter of ACR, Greensboro, North Carolina, "The role of radiology in colorectal cancer screening."
189. 1987 - UNC Internal Medicine Review Course, Chapel Hill, North Carolina, "MRI of the body."
190. 1987 - ARRS, Miami, FL, "Acute UGI bleeding: review course."
191. 1987 - Washington Interventional Radiology Society, Washington D.C., "Radiologic management of bleeding peripancreatic pseudoaneurysms."
192. 1986 - American Roentgen Ray Society, Washington DC, "GI hemorrhage update."
193. 1985 - 10th Annual Meeting of the UNC Radiology Symposium, Hilton Head, South Carolina, "GI bleeding: part II."
194. 1986 - 10th Annual UNC Radiology Symposium. Hilton Head, South Carolina, "The radiologic evaluation if the jaundiced patient."
195. 1986 - Ahoskie, North Carolina, "Abdominal CT update: first district medical society post-graduate course in medicine."
196. 1985 - Ahoskie, North Carolina, "Interventional radiology update: first district medical society post-graduate course in medicine."
197. 1985 - UNC School of Medicine, Chapel Hill, North Carolina, "Radiology unknown discussion: internal medicine 1985 update."

198. 1985 - University of Virginia, Charlottesville, Virginia, "CT of the alimentary tract."
199. 1985 - NFIC, Raleigh, North Carolina, "Radiologic evaluation of IBD."
200. 1984 - 8th Annual Meeting of the University of North Carolina Radiology Symposium, Radiology Update, Hilton Head Island, South Carolina, "Evaluation of abdominal trauma."
201. 1984 - UNC School of Medicine, Chapel Hill, North Carolina, "Radiology unknown discussion: internal medicine 1984 update."
202. 1984 - UNC, Chapel Hill, North Carolina, "The role of US, CT and PTC in the jaundiced patient: diagnostic and therapeutic gastroenterology update."
203. 1983 - Seventh Annual UNC Radiologic Symposium on Abdominal Imaging, Hilton Head Island, South Carolina, "CT of the esophagus and stomach."
204. 1983 - Seventh Annual UNC Radiologic Symposium on Abdominal Imaging, Hilton Head Island, South Carolina, "Contrast enhancement techniques in CT."
205. 1983 - North Carolina Society of Ultrasound Technologists, Duke University Medical Center, Durham, North Carolina, "Renal ultrasound."
206. 1982 - The North Carolina Chapter of the American College of Radiology, Pinehurst, North Carolina, "CT of the alimentary tract."
207. 1981 - The University of North Carolina, Chapel Hill, North Carolina, "CT of the pancreas."
208. 1981 - The University of North Carolina, Chapel Hill, North Carolina, "CT of the larynx."

## **TEACHING RECORD**

### **Medical Students:**

Monthly lectures to 3rd and 4th yr. as part of Radiology elective 401  
 Preceptor to senior medical students as part of Radiology elective 411 and 413  
 Annual Lectures to 2nd yr. in GI system 1982 - 1994

### **Radiology Residents:**

Daily instruction in sections of GI, CT and vascular /interventional radiology  
 Weekly lectures in above fields

### **Radiology Fellows:**

Daily instruction with fellows in the abdominal and vascular/interventional sections

### **Industry**

BARD Access Systems Physician Advisory Panel - 1993-1995  
 Medi-tech: Venous Access Advisory Committee  
 Meadox – Vanguard Adjudication Committee  
 Cook Inc. – Consultant  
 COR/KEY Inc. Consultant  
     Bayer Pharmaceuticals - Consultant  
     Bard Access Systems---Consultant  
     Medtronic-AVE---AAA Stent-Graft Procter  
     Centocor—Consultant  
     Genentech--Consultant

Abbott—Consultant  
Closure Medical Corp--Consultant

## **GRANTS**

### **Funded Research**

Title: Pathophysiologic Characterization of Induced Choline Deficiency in Alcoholic Cirrhotic Individuals (Institute of Nutrition)

Sponsor: NIH

Co-Investigator: Matthew A. Mauro

Title: A Prospective Evaluation of the Meadox Vanguard and Passager

Endoprosthesis for Elective Treatment of Infra-Renal Abdominal Aortri and Aorto-iliac Aneurysms in Humans :

Sponsor: Meadox Medical

Principal Investigators: Matthew A. Mauro and Enrique Criado

Title: A Randomized Clinical Trial to Evaluate the Efficacy and Safety of the Symphony Nitinol Stent as Compared to the Schneider Wall Stent in the Treatment of Patients with Iliac Artery Stenosis That Have Had a Suboptimal Result

Sponsor: Boston Scientific Corp.

Principal Investigator: Matthew Mauro

Title: The Efficacy of Intralesional Cisplatinum EpiGel in the Treatment of Metastatic Lesions to the Liver

Sponsor: Matrix Inc.

Co-Principal Investigator: Matthew Mauro

Title: Utilization of Alteplase Therapy and Integrillin to Manage Arterial Thrombosis in the Extremities (The ULTIMATE Trial)

Sponsor: COR Therapeutics

Principle Investigator: Matthew A. Mauro MD

Title: A Phase 2/3, Open Label Multicenter Randomized Controlled study of Doxorubicin Hydrochloride Adsorbed to Magnetic Targeted Carriers (MTC-DOX) Administered by Intrahepatic Delivery (via Hepatic artery catheterization) versus Intravenous Doxorubicin for Treatment of Patients with Unresectable Hepatocellular Carcinoma

Sponsor: FeRX Incorporated

Principle Investigator: Bert O'Neil, MD

Co-Investigator: Matthew A. Mauro MD

Title: A multicenter trial of a covered stent (Viaator) for a TIPS procedure in patients with liver disease

Sponsor: Gore Inc

Principle Investigator: Matthew A. Mauro, MD

Title: A prospective multicenter non-randomized registry to evaluate the safety and efficacy of the Medtronic AVE Bridge self-expanding stent delivery system in subjects with de novo and restenotic lesions of the iliac arteries

Sponsor: Medtronic Corp.

Co-Investigator: Matthew A. Mauro, MD

Title: Phase I trial with Plasmin to evaluate safety and to select the doses for phase II in patient with heodialysis graft occlusion.

Sponsor: Bayer

Co- Investigator: Matthew A. Mauro MD

Title: VALOR Trial Multicenter trial of the TALENT Thoracic Endovascular Graft for the treatment of Thoracic Aortic Disease  
Sponsor: Medtronic-AVE  
Co-Investigator: Matthew A. Mauro MD **ACTIVE**

Title: ZENITH TX2 THORACIC TAA Endovascular Graft Clinical Trail  
Sponsor: Cook Incorporated  
Co-Investigator: Matthew A. Mauro MD **ACTIVE**

Title: Use of Radioactive Embolization Particles, Theraspheres, in the Treatment of Unresectable Hepatocellular Carcinoma  
Sponsor: Nordian  
Principle Investigator: Matthew A Mauro **ACTIVE**

Title: A Phase I Clinical Study of the Safety and Performance of the Relay Thoracic Stent-Graft in Patients with Thoracic Aortic Pathologies  
Sponsor: Bolton Medical  
Co-Investigator: Matthew A. Mauro MD **ACTIVE**

Title: A Randomized Study Comparing the Edwards Self-Expanding Life Stent vs. Angioplasty alone in Lesions Involving the SFA and Proximal Popliteal Artery  
Sponsor: Edwards Scientific  
Principle Investigator: Matthew A. Mauro MD **ACTIVE**

Title: CREST Trial  
Sponsor: NIH  
Co-Investigator: Matthew A. Mauro MD **ACTIVE**

Title: CORAL Trial  
Sponsor: NIH  
Co-Investigator: Matthew A. Mauro MD (Principle Interventionalist) **ACTIVE**

Title: Virtual and Augmented Reality Guidance for Hepatic RFA  
Sponsor: NIH  
Co-PI: Matthew A. Mauro MD **ACTIVE**

Title: Retrieval of Cook Tulip Filter  
Sponsor: Cook Inc.  
Co-PI: Matthew A. Mauro **ACTIVE**

Title: Multicenter Feasibility Study of Percutaneous Radiofrequency Ablation of Hepatocellular Carcinoma in Cirrhotic Patients  
Sponsor: ACRIN  
PI: Matthew A. Mauro **ACTIVE**

## **PROFESSIONAL SERVICE**

### **NATIONAL:**

#### **Society Faculty:**

CIRSE 1998, 1999

Radiologic Society of North America, 1992-Present  
Society of Interventional Radiology - 1990-Present  
American Roentgen Ray Society - 1986, 1987, 1993, 1995-Present  
Society of Gastrointestinal Radiology - 1985, 1993, 1998, 2001

**Society of Interventional Radiology:**

Past-Chairman (2004-2006)  
Steering Committee: World Conference on Interventional Oncology 2005  
**Chairman - (2002-2004)**  
Vice-Chairman (2001-2002)  
Scientific Program Committee—2000-Present  
Chairman: Uterine Artery Embolization Steering Committee (2000-2006)  
**President (1999-2000)**  
Chairman—UFE National Registry  
Society of Interventional Radiology Research & Educational Foundation  
Secretary/Treasurer (1999-2000)  
Grants Review Committee - 1999-2003  
Council Chairman (1998-1999)  
Secretary-Treasurer (1997-1998)  
Executive Committee (1997-2000)  
Board of Directors (1996 – present)  
Councilor, Education Division (1994-1997)  
Executive Council (1994-2000, 2002-Present)  
Advisory Council (1993-Present)  
Training Programs Committee, Chairman (1992-1994)  
Fellowship Program Director's Group, Chairman (1992-1997)  
Honorary Co-Chairman; SIR Foundation  
SIR Moderator – 1993-Present  
SIR Venous Access Workshop Coordinator - 1993-1998  
SIR Workshop Faculty—1993-Present  
SIR: Moderator for National 5 series Teleconference on t-PA

**American Heart Association:**

Executive Committee of Council on Cardiovascular Radiology: 1999-2000  
Executive Committee: 1999-2000  
Scientific Sessions Program Committee: 1999, 2000, 2001  
Council on Cardiovascular Radiology: 1996-Present

**American Roentgen Ray Society:**

**Section Editor: The American Journal of Roentgenology 2008-Present**  
Scientific Program Committee, Vascular & Interventional Radiology, **CHAIRMAN** 2005-2007  
Publication Committee - 2003-Present  
Editorial Committee - 2003-Present  
Scientific Program Committee (Chairman): Cardiovascular Radiology 1999, 2000, 2001, 2002  
Keynote Speaker: 1999, 2001  
ARRS: Moderator: 1999-Present

**Radiologic Society of North America**

Scientific Program Committee, VIR sub-committee **CHAIR 2005-2007**  
Research and Education foundation Grant Reviewer—1999-Present  
RadioGraphics Exhibit Review Committee: 1992-Present

Radiologic Society of North American Scientific Program Committee: Gastrointestinal 1994-1999  
Scientific Program Committee, Vascular & Interventional Radiology—1998-2005  
Public Relations Committee 2003-Present  
Corporate Giving Subcommittee of the Fund Development Committee; 2007-Present  
RSNA – Scientific Advisor 1999 – present  
RSNA Moderator - 1993-present

#### **American College of Radiology**

##### **Board of Chancellors (2003-2009)**

Practice Expense Committee  
Chairman of Commission on Interventional and Cardiovascular Radiology (2003-Present)

#### **American Board of Radiology**

##### **TRUSTEE -- 2006-Present**

##### **DIRECT Pathway Committee of BOT**

##### **Hearing Committee: Chair**

##### **Sub-Specialty Committee BOT**

VIR Maintenance of Certification (MOC) Committee (2000-Present)

Examiner for Radiology Resident Boards - 1996-present

Examiner for CAQ Exams in Interventional Radiology - 1994-present

#### **Manuscript Reviewer:**

Journal of Interventional Radiology  
Cardiovascular & Interventional Radiology  
Journal of Vascular & Interventional Radiology  
Radiology  
RadioGraphics  
Pediatrics  
Mayo Clinic Proceedings  
Journal of Vascular Surgery  
Clinical Imaging  
American Journal of Roentgenology

#### **Editorial Staff and Boards:**

Associate Editor: Seminars in Interventional Radiology 2003-Present  
Associate Editor: RADIOLOGY 2002-2007  
Journal of Vascular and Interventional Radiology-Consultant to the Editor  
Journal of Vascular Access Devices: Editorial Board 1999-2002  
Associate Editor: Techniques in Vascular and Interventional Radiology  
Cardiovascular & Interventional Radiology-Consultant to the Editor  
Topics in Vascular & Interventional Radiology 1999-2006  
Applied Radiology—Editorial Advisory Board 2008-Present  
Section Editor: VIR American Journal of Roentgenology 2008-Present

#### **Book Reviewer:**

Gastrointestinal Radiology  
Journal of Vascular Surgery  
Journal of Vascular and Interventional Radiology  
Investigative Radiology

Academic Radiology

**Textbook Proposal Consultant:**

Trial Project 88-CA-02 Aug. 1988  
Igaku-Shoin Medical Publishers, Inc. 1987  
Thieme Medical Publishers  
NIH Scientific Review Group:  
National Collaborative Diagnostic Imaging

**STATE:**

Faculty for North Carolina Society of Radiologic Technologists; 1993, 1997  
Faculty for North Carolina Association of Nurses; 1992  
Faculty for North Carolina Society of Vascular Technologists; 1989  
Faculty for State Chapter American College of Radiology; 1982, 1988, 1992

**UNIVERSITY:**

University of North Carolina Educational Foundations: Board of Directors 2005 - Present  
Doctoral Thesis Committee: Department of Computer Science Larry Lipshitz, PhD 1987  
Timothy J. Cullip 1990 "A Surface Geometry Approach to 3D Medical Image Segmentation"

**HOSPITAL and SCHOOL OF MEDICINE:**

Task Force on Industry Impact on Clinical Practice  
Medical Staff Executive Committee 2007-PRESENT  
Dean's Advisory Committee 2007-PRESENT  
Teaching Physician Oversight Committee (TPOC) 2007-PRESENT  
Executive Committee—Lineberger Comprehensive Clinical Cancer Center  
Program Planning Committee (School of Medicine) 1994-1995  
UNC Physicians & Associates Board -- at large member 1992-present  
Clinical Quality Improvement Council 1991-Present  
Faculty Symposium of Thrombotic Diseases; 1991  
Faculty Symposium on Vascular Disease; 1991-1998  
Radiology Liaison to Radiology Chair Search Committee; April 1990-91  
ACLS Hospital Committee  
ACLS Rank 06 Instructor  
Provider Course:  
6/22-6/23/89  
6/29-6/30/89  
6/27-6/28/90  
6/27-6/28/91  
6/18-6/19/92  
2/18-2/19/9  
6/19-6/20/93  
6/19-6/20/95  
6/26-6/27/95  
6/26-6/27/96  
6/25-6/27/97  
6/25-6/26/98  
6/26-6/27/99  
3/5 -3/5/00  
4/7-4/8/01  
12/3/04

12/31/05

Biliary Lithotripsy Committee  
Faculty Internal Medicine Review Course; 1984-85, 1991-Present  
Faculty Internal Medicine Gastroenterology Symposium; 1984

**Medical/Surgical Conferences:**

Vascular Surgery Conference--Weekly  
Trauma Surgery Conference--Weekly  
Medicine-Surgery GI Conference--Weekly  
Medical Oncology Conference--Weekly

**Committees:**

Task Force on Industry Impact on Clinical Practice  
Committee to Review Promotions to Associate Professor with Tenure 2002-Present  
Co-Director, UNC Endovascular Institute 2002-Present  
Clinical Management Committee 2002-Present  
Ambulatory Care Committee—2000-Present  
Post-Tenure Review Committee---2000, 2001  
Conscious Sedation Policy Committee 1998  
UNC P&A Board Committee for Standards of Practice 1998  
Department of Medicine Chair Search Committee 1998  
UNC Grants Committee 1998  
Clinical Cancer Center Executive Committee---1998-Present  
UNC Physicians and Associates Board---1998-2004  
Committee to Oversee Faculty Salaries 1997-present  
Ambulatory Care Physician Directors Forum 1995-present  
Clinical Cancer Program; Executive Committee 1995-present  
GI Oncology Group 1994-present  
Task Force to Evaluate Vascular Sonography 1993-present  
Dean's Advisory Committee for Financial Adversity 1993-1994  
Task Force for Peripheral Vascular Disease 1992-present  
Committee to Review Promotions to Associate Professor with Tenure; July 1991-1995  
Ambulatory Care Center; Radiology Focus Committee July 1991-1993  
UNC Hospitals Infusion Management Committee  
Orthopedic Chair Search Committee

**DEPARTMENTAL:**

**Administrative Responsibilities:**

**Chairman; Department of Radiology 2007-PRESENT**  
**Vice Chairman of Clinical Operations 1991-2007**  
**Co-Director, UNC Endovascular Institute**  
Director OR Radiology Equipment 1990-91  
Chief-Division of Special Procedures 1989-91  
Member Radiology Executive Committee 1989-91  
Film Retrieval Committee; Chairman, 1988-90  
Emergency Care Committee; Chairman, 1988-90  
Director-Computed Body Tomography Section 1986-Present  
Annual Symposium Planning Committee; 1984-89; Chairman 1987-89  
Director-GI Radiology Section 1982-86

Resident Selection Committee; 1979-88  
Resident Review Committee; 1979-84

### **CERTIFICATION/LICENSURE**

Re-Certification in VIR 2004  
Certificate of Added Qualification in Vascular and Interventional Radiology 1994  
Certified by the American Board of Radiology 1981  
Licensure: North Carolina

### **PROFESSIONAL SOCIETIES**

Radiological Society of North America  
American Association of Chief Residents in Radiology, 1979-80  
American College of Radiology-**Fellow**  
North Carolina Medical Society  
Orange/Durham County Medical Society  
Association of University Radiologists  
American Roentgen Ray Society  
Society of Gastrointestinal Radiology  
Society of Interventional Radiology-**Fellow**  
Southeastern Angiographic Society  
American Heart Association-**Fellow**  
American Medical Association  
Cardiovascular and Interventional Radiological Society of Europe (CIRSE)  
Eastern Radiological Society

### **CONSULTANT**

Dorothea Dix Hospital - Raleigh, N.C.

### **CONTINUING MEDICAL EDUCATION**

#### **Continuing Medical Education – 2008**

1. 2008 International Symposium on Endovascular Therapy (ISET), Hollywood, FL. Jan 2008
2. 2008 Society of Interventional Radiology Annual Meeting, Washington, DC March 2008

#### **Continuing Medical Education---2007**

1. Nov 2007: 34th Annual VEITH Symposium : Vascular and Endovascular Issues, Techniques, Horizons. New York, NY 11/14-18
2. RSNA Revitalizing the Radiology Research Enterprise, Oak Brook, IL 10/19 – 20, 2007
3. 2007 International Symposium on Endovascular Therapy (ISET), Hollywood, FL. Jan 2007

#### **Continuing Medical Education---2006**

1. Annual Meeting of the RSNA, Chicago, IL Nov 2006
2. VIR Review Symposium, Miami Beach, FL. Jan 2006
3. The International Symposium on Endovascular Therapy, Miami Beach, FL. Jan 2006

#### **Continuing Medical Education---2005**

1. VIR Review Symposium, Miami Beach FL. Jan 2005
2. The International Symposium on Endovascular Therapy (ISET), Miami Beach, FL. Jan 2005
3. UNC School of Medicine Multidisciplinary Management of GI Malignancies: Pancreatic and Colorectal Cancer. Hilton Head SC April 2005
4. SIR Annual Meeting New Orleans, LA April 2005
5. ACR Annual Meeting Washington DC April 2005
6. Endovascular Therapies 2005: Management Strategies for Vascular Patients, Pinehurst, NC Oct. 2005
7. Advanced Interventional Management 2005; New York, NY Nov. 2005
8. Radiologic Society of North America 2005: Chicago II Nov 2005

#### **Continuing Medical Education---2004**

1. The International Symposium on Endovascular Therapy (ISET), Miami Beach FL. Jan 2004
2. North Carolina Radiological Society, Charlotte NC March 5-7 2004
3. The 2004 Annual Meeting of the Society of Interventional Radiology, Phoenix AZ March 23-28
4. North Carolina Pediatric Society Summer Meeting, Sunset Beach NC August 2004
5. Endovascular Therapies 2004: Management Strategies for Vascular Patients, Pinehurst, NC Oct, 28-31 2004
6. Advanced Interventional Management 2004; New York, NY Nov 2004
7. Radiologic Society Of North American Annual Meeting; Chicago II Nov 2004

#### **Continuing Medical Education---2003**

1. Venous Ablation Symposium, Chicago, Ill Feb 2003
2. SIR Annual Meeting, Salt Lake City, UT March 2003
3. 11<sup>th</sup> Annual Coastal Oncology Symposium, Wilmington, NC June 2003
4. 26<sup>th</sup> Annual Meeting of the Society of Vascular Ultrasound, Charlotte, NC July 2003

5. The Radiologic Society of North America Annual Meeting, Chicago, IL November 2003

#### **Continuing Medical Education---2002**

1. Thrombolytic Symposium, Miami, FL. January 2002
2. SCVIR Annual Meeting, Baltimore, MD. March 2002
3. Thrombolytic Symposium, Chicago, IL. September 2002
4. Interventional Radiology Oncologic Research, Washington, DC. September 2002
5. Liver Intervention, Washington, DC. September 2002.
6. A Clinical Review of Thrombolytic Therapies, Chicago September 2002
7. Stanford Vascular Symposium, Half-Moon Bay CA Oct. 2002
8. UNC Endovascular Symposium, Chapel Hill NC Nov. 2002

#### **Continuing Medical Education---2001**

1. 13<sup>th</sup> Annual International symposium on Endovascular Therapy; Miami Beach. Jan 2001
2. SCVIR Annual Meeting, San Antonio, TX. March 3-8, 2001
3. Society of Gastrointestinal Radiologists Annual Meeting, Scottsdale, AZ. March 25-30, 2001
4. Charles J. Tegtmeier Memorial Post Graduate Course, Charlottesville, VA. October 2001
5. 11<sup>th</sup> Annual Symposium: New Developments in Vascular Surgery; Chapel Hill, NC. Nov 2001.
6. RSNA, Chicago, IL, November 2001.

#### **Continuing Medical Education---2000**

1. 12<sup>th</sup> Annual International Symposium on Endovascular Therapy; Miami Beach Jan 2000
2. 3<sup>rd</sup> Annual Endovascular Intervention Practicum; Breckenridge, CO, Feb 2000
3. SCVIR Annual Meeting; San Diego, CA, March 2000
4. UNC Annual Internal Medicine Review Course; Chapel Hill, NC, April 2000
5. SCVIR Uterine Artery Embolization Conference: Washington DC, Oct. 2000
6. Harvard Medical School: Fifth International Symposium on Vascular and Interventional Radiology: Boston, MA Nov. 2000
7. Medtronic-AVE Procter Meeting: New York, NY Nov. 2000

### **Continuing Medical Education—1999**

1. 11<sup>th</sup> Annual International Symposium on Endovascular Therapy, Miami Beach, FL. Jan 1999
2. 24<sup>th</sup> Annual Meeting of the SCVIR, Orlando FL. March 1999
3. Food and Drug Law Institute; Symposium on Clinical Trials, Washington D.C. April, 1999
4. Vascular Centers of Excellence; Rosemont, IL, April 1999
5. American Medical Association President's Meeting; Chicago, IL, July 1999
6. SCVIR Mortality and Morbidity Conference; San Diego, CA August 1999
7. Southeast Angiographic Society; Kiawah Island, SC, October 1999
8. American College of Radiology: Washington, DC, September 1999
9. RSNA: Chicago, IL, November 1999

### **Continuing Medical Education – 1998**

1. 10<sup>th</sup> Annual Interventional Symposium on Vascular Diagnosis & Intervention, Miami Beach, Jan 1998.
2. SGR Annual Meeting, Palm Beach, FL. February 1998.
3. SCVIR 23<sup>rd</sup> Annual Meeting, San Francisco, CA March 1998.
4. Chicago Radiological Society, Chicago, IL, April 1998.
5. RSNA Chicago, IL, December 1998

### **Continuing Medical Education – 1997**

1. Ninth Annual Interventional Symposium on Vascular Diagnosis & Intervention, Miami Beach, Jan 1997.
2. SCVIR – 22<sup>nd</sup> Annual Meeting, Washington, D.C., March 1997.
3. 4<sup>th</sup> Interventional Workshop On Interventional Radiology, Prague, Czech Republic, June 1997.
4. Southeastern Angiographic Society, Williamsburg, VA, October 1997.
5. 7<sup>th</sup> Annual Conference, Chapel Hill, NC, November 1997.
6. RSNA Chicago, IL, December 1997.

### **Continuing Medical Education - 1996**

1. Eighth Annual International Symposium on Vascular Diagnosis and Intervention, Baptist Hospital of Miami, January 28-February 1, 1996.

2. SCVIR -- 21st Annual Meeting, Seattle, WA, March 1995.
3. Vascular Interventional Update, Indianapolis, IN, May 10, 1996.
4. Current Therapy in Venous Disease, Chapel Hill, NC, May 31-June 1, 1996.
5. SEAS Annual Meeting, White Sulpher Springs, WV, October 16-20, 1996.
6. Second MidAtlantic Conference on Angio Access, Williamsburg, VA, Oct 25-26, 1996.
7. RSNA, Chicago, IL, December 1-6, 1996.

#### **Continuing Medical Education - 1995**

1. Society of Cardiovascular and Interventional Radiology, 20th Annual Meeting, Fort Lauderdale, FL, March 1995.
2. Vascular/Non-Vascular Intervention, Vanderbilt University, Nashville, TN, November 1, 1995.
3. Interventional Radiology in the '90s, Baptist Hospital of Miami, April 26-29, 1995, 14.
4. RSNA 81st Scientific Assembly & Annual Meeting, Oak Brook, IL, November 26-December 1, 1995.

#### **Continuing Medical Education - 1994**

1. Society of Cardiovascular and Interventional Radiology, 19th Annual Meeting, San Diego, California, March 1994.
2. Symposium on Vascular Disease, The University of North Carolina, Chapel Hill, North Carolina, September 1994.
3. Interventional Radiology Meeting and Seminar, The Mid America Interventional Radiological Society, St. Louis, Missouri, October 1994.
4. Radiological Society of North America, Chicago, Illinois, November 1994.
5. RSNA 80th Scientific Assembly & Annual Meeting, Oak Brook, IL November 27-December 2, 1994.

#### **Continuing Medical Education - 1993**

1. Society of Gastrointestinal Radiology, 22nd Annual Course and Symposium, Scottsdale, Arizona, January 1993, 24 hours.
2. Fifth Annual International Symposium on Vascular Diagnosis and Intervention, Miami Beach, FL, January 1993, 15 hours.
3. Society of Cardiovascular and Interventional Radiology, 18th Annual Meeting, New Orleans, Louisiana, March 1993, 36 hours.
4. American Roentgen Ray Society Annual Meeting, San Francisco, California, April 1993, 2 hours.
5. American College of Radiology Meeting, Orlando, FL, September 1993.

6. Royal College of Radiologists Annual Meeting, Warwick University, Warwick, England, September 1993.
7. Radiological Society of North America, Chicago, Illinois, November 1993, 3 hours.

#### **Continuing Medical Education – 1992**

1. RSNA, Chicago, Illinois, November 1992, 6 hours.
2. Surgical and Medical Management of the Patient with Peripheral Vascular Disease, Chapel Hill, North Carolina, October 1992, 2 hours.
4. Society of Cardiovascular and Interventional Radiology, 17th Annual Review Course, Washington, DC, April 4-9, 1992, 38 hours.
5. 16th Annual UNC Internal Medicine Review Course, Chapel Hill, North Carolina, March 1992.

#### **Continuing Medical Education - 1991**

1. RSNA, Chicago, Illinois December 1991.
2. ACR Course on Interventional Radiology, RSNA, Chicago, Illinois, November 1991, 3 hours.
3. Visiting Fellowship in Vascular and Interventional Radiology, The Miami Vascular Institute, Miami, FL, June 1991.
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5. James H. Scatliff Symposium, Chapel Hill, North Carolina, May 1-4, 1991, 11.5 hours.
6. Visiting Fellowship in Interventional Radiology, The University of Alabama at Birmingham Medical Center, Birmingham, Alabama, April 1991.
7. Radiology Visiting Fellowship in Magnetic Resonance Imaging, Duke University Medical Center, Durham, North Carolina, March 11-15, 1991, 40 hours.
8. Society of Cardiovascular and Interventional Radiology, 16th Annual Review Course, San Francisco, California, February 16-22, 1991, 30 hours.

#### **Continuing Medical Education 1984 – 1990**

1. RSNA, Chicago, Illinois November 1990
2. Visiting Fellowship in Cyanoacrylate Embolization, The Johns Hopkins Medical Institution, June 4, 1990.
3. 90th Annual American Roentgen Ray Society, Washington D.C. May 1990.
4. Fourteenth Annual UNC Radiology Review Symposium on MRI, Hilton Head Island, South Carolina April 1990.
5. Society of Cardiovascular and Interventional Radiology, Works in Progress and Annual Review Course, Miami, FL March 24-29, 1990.

6. Society of Gastrointestinal Radiology, 19 Annual Meeting and Postgraduate Course, Hawaii January 14-19, 1990.
7. Thirteenth Annual UNC Radiology Symposium, Hilton Head Island, South Carolina April 1989.
8. Society of Cardiovascular and Interventional Radiology, San Diego, California March 1989.
9. RSNA, Chicago, Illinois, November 1988.
10. North Carolina ACR Fall Meeting, Greensboro, North Carolina November 1988.
11. First International Symposium of Biliary Lithotripsy, Harvard Medical School, Boston, Massachusetts July 1988.
12. UNC Radiology Symposium, Hilton Head Island, South Carolina, April 1988.
13. Society of Cardiovascular and Interventional Radiology, Orlando, FL March 1988.
14. RSNA, Chicago, Illinois November 1987.
15. Advanced Tutorials in Advanced Vascular Interventional Techniques, Alexandria, Virginia October 1987.
16. Frontiers of Interventional Radiology, Harvard Medical School, Boston, Massachusetts June 1987.
17. American Roentgen Ray Society, Miami, FL April 1987.
18. Society of Gastrointestinal Radiology, Scottsdale, Arizona January 1987.
19. Department of Radiology, UNC Symposium, Hilton Head, South Carolina April 1986.
20. American Roentgen Ray Society, Washington, D.C. April 1986.
21. Society of Gastrointestinal Radiology, Acapulco, Mexico January 1986.
22. Radiological Society of North America, Chicago, Illinois 1985.
23. UNC Annual Symposium, Hilton Head, South Carolina 1982-1985.
24. Society of Gastrointestinal Radiologists Annual Meeting and Refresher Course NAPA 1984.
25. Radiological Society of North America, Chicago, Illinois 1984.

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Matthew A. Mauro, MD FACR FSIR FAHA

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