

CURRICULUM VITAE

1. **DATE:** November 1, 2010

I. PERSONAL:

2. **Name:** **FELIPE MUNERA, M.D.**

3. **Office Phone:** (305) 585-5507

4. **Current Academic Rank:** Associate Professor of Radiology

5. **Current Track of Appointment:** Clinical Educator

6. **Primary Department:** Department of Radiology (R-109)
University of Miami School of Medicine
P.O. Box 016960
Miami, FL 33101

7. **Secondary or Joint Appointments:** None

II. HIGHER EDUCATION

11. Institutional:

Trauma / ER Radiology Fellowship
Jackson Memorial Hospital
Miami, FL
July 1995- June 1996

Body Imaging Fellowship
Jackson Memorial Hospital
Miami, FL
July 1994- June 1995

Radiology Residency
San Vicente/Universidad de Antioquia (U de A)
Medellin, Colombia
July 1991 - June 1994

Internship
Hospital General de Medellin
Medellin, Colombia
December 1987 - December 1988

Rotations: Internal Medicine, Cardiology,
Rheumatology, Gastroenterology, Endocrinology
Latin American Medical Student Program
Jackson Memorial Medical Center
June 1987-November 1987

Medical School
Instituto de Ciencias de la Salud (CES)
Medellín, Colombia
January 1982-December 1988

12. Non-Institutional:

N/A

13. Certification and Licensure:

- Board Certification – Diplomat of the American Board of Radiology
- American Board of Radiology-Oral Examination-2005
- American Board of Radiology-Diagnostic Radiology written examination-2004

- American Board of Radiology -Physics Examination 2003
- Florida License, 2003
- DEA, 12/2007
- USMLE – Part I – 2001
- USMLE – Part II – 2001
- USMLE – Part III- 2001
- ECFMG # 0448236-0, April 19, 1993
- ECFMG - Basic Component – 1990
- ECFMG - Clinical Component – 1991
- ECFMG - English Test – 1993
- Colombian Medical License- 1991

III. EXPERIENCE:

14. Academic:

Associate Professor of Clinical Radiology
Trauma / Emergency Radiology
University of Miami Miller School of Medicine
Miami, Florida
June 23, 2008 - PRESENT

Assistant Professor of Clinical Radiology
Trauma / Emergency Radiology
University of Miami Miller School of Medicine
Miami, Florida
November 2001 - August 2007
(Also part time Abdominal Imaging section)
June 23, 2008 – June 22, 2008

15. Hospital Appointments:

University of Miami Hospital
Department of Radiology
Miami, FL
September 2008 – PRESENT

University of Miami Hospital and Clinics
Department of Radiology
November 2001 - August 2007
July 2008 – PRESENT

Florida Hospital
Orlando, Florida
September 2007 – 2008

Jackson Memorial Medical Center
Department of Radiology
Miami, Florida
November 2001 - PRESENT

16. Non-Academic:

Attending Radiologist
FRA Florida Radiology Associates, PA
Orlando, Florida
September 2007 – June 2008

Professor of Radiology
Body Imaging / Trauma-ER Radiology
Universidad de Antioquia / Hospital
Universitario
San Vicente de Paúl
Medellín, Colombia
August 1996 – October 2001

Attending Radiologist
MEDIMAGEN Radiological Group
Medellin, Colombia
August 1996 – October 2001

General Physician
Cardiovascular Clinic Santa Maria
Medellin, Colombia
July 1990 – June 1991

General Physician
Emergency Room Service
Clinica Leon XIII, Social Security
Medellin, Colombia
March 1990 – June 1991

General Physician
Rural Medicine Program
Envigado, Colombia
March 1989 – March 1990

17. Military:

N/A

IV. PUBLICATIONS

18. Books and Monographs Published:

Book Chapters:

1. Foley M, **Munera F**, Ferrari M, Caban K. “Imaging in Peripheral Vascular Trauma” chapter in Drs. Ivatury and Tisnado, eds. *Interventional Radiology in Trauma Care*, 1st Edition, Thieme, IN PRESS
2. **Munera F**, Anaya C, Gomez AM,. “Vascular Emergencies”. Chapter in Soto JA, eds. *Emergency Radiology THE REQUISITES IN RADIOLOGY*, 1st edition, Philadelphia, PA , Elsevier Mosby, 2009.
3. **Munera F**, Soto JA, Zuluaga A. “Abdominal Trauma.” Chapter in *Trauma and Surgery*, U de A 3rd edition, Morales C, Isaza LF, eds., Volume 4, 2003.
4. Zuluaga A, **Munera F**, Soto JA. “Chest Trauma.” Chapter in *Trauma and Surgery*, U de A 3rd edition, Morales C, Isaza LF, eds. ,Volume 4, 2003.
5. Zuluaga A, **Munera F**, Nunez D. “Imaging Evaluation of Abdominal Trauma.” Chapter in Juan M. Tavera's *Radiology (Spanish Version)*, Stoopen ME, Rosen P, eds., Volume IV, 1999.
6. Nunez D, **Munera F**, Ruiz G, Zuluaga A. “Abdominal Trauma.” *Diagnostico por Imagen*, 2nd edition, Pedrosa C, Salvat, eds., 1999.
7. Amendola MA, **Munera F**, Casillas VJ. “Prostate, Bladder and Urethra Imaging.” *Diagnostico por Imagen*, 2nd edition, Pedrosa C, Salvat, eds., 1999.
8. **Munera F**. “Imaging Evaluation of the Acute Abdomen.” Chapter in *Fundamentos de Radiologia*, CIB, 1st edition, Restrepo R, Soto JA, eds., 1999.
9. **Munera F**, Zuluaga, A. “Abdominal Trauma.” Chapter in *Fundamentos de Radiologia*, CIB, 1st edition, Restrepo R, Soto JA, eds., 1999.
10. **Munera F**, Zuluaga A. “Imaging Evaluation of the Pelvis.” Chapter in *Fundamentos de Radiologia*, CIB, 1st edition, Restrepo R, Soto JA, eds., 1999.
11. **Munera F**, Zuluaga A. “Vascular Ultrasound: peripheral system.” Chapter in *Fundamentos de Radiologia*, CIB, 1st edition, Restrepo R, Soto JA, eds., 1999.
12. Restrepo R, **Munera F**. “Imaging Evaluation of Pathology of Pleura, Diaphragm and Chest Wall.” Chapter in *Fundamentos de Radiologia*, CIB, 1st edition, Restrepo R, Soto JA, eds., 1999.

19. Juried or Refereed Journal Articles or Exhibitions:

Journal Articles :

1. Anaya C, **F Munera**, C Bloomer, G Danton, K Caban. Screening Multidetector Computed Tomography Angiography in the Evaluation on Blunt Neck Injuries: An Evidence-Based Approach. *Seminars in Ultrasound, CT and MR* 30:205-214, 2009.
2. **Munera F**, G Danton, L Rivas, R Henry, M Ferrari. Multidetector row computed tomography in the management of penetrating neck injuries. *Seminars in Ultrasound, CT and MR* 30:195-204, 2009.
3. Anaya C, **Munera F**, Bloomer C, Danton G. Screening Multidetector Computed Tomography Angiography in the Evaluation on Blunt Neck Injuries: An Evidence-Based Approach. *Seminars of Ultrasound CT MRI* 30:205-214. 2009.
4. Mathen R, Inaba K, **Munera F**, Teixeira PG, Rivas L, McKenney M, Lopez P, Ledezma CJ. Prospective evaluation of multislice computed tomography versus plain radiographic cervical spine clearance in trauma patients. *J Trauma* 62(6):1427-1431, 2007.
5. Inaba K, **Munera F**, Ginzburg E, McKenney M. Computed Tomographic Angiography in the initial assessment of penetrating extremity injuries. *J Trauma* 62: 520-522, 2007.
6. **Munera F**. Multi-Slice CT for vascular injuries. *Applied Radiology* 35:38-43, 2006.
7. Rivas LA, **Munera F**, Fishman JE. Multidetector-row computerized tomography of aortic injury. *Seminars Roentgenology* 41(3): 226-236, 2006.
8. Inaba K, **Munera F**, Mckenney M, Rivas L, de Moya M, Bahouth H, Cohn S. Prospective evaluation of screening multislice helical computed tomographic angiography in the initial evaluation of penetrating neck injuries. *J Trauma* 61:144-149, 2006.
9. Thompson BE, **Munera F**, Cohn SM, Mclean AA, Cameron J, Rivas L, Bajayo D. Novel computed tomography scan scoring system predicts the need for intervention after Splenic injury. *J Trauma* 60:1083-1086, 2006.
10. Inaba K, **Munera F**, Mckenney M, Schulman C, deMoya M, Rivas L, Pearce A, Cohn S. Visceral torso computed tomography for clearance of the thoracolumbar spine in Trauma. *J Trauma* 60: 915-920, 2006.
11. Inaba K, Poltzman J, **Munera F**, McKenney M, Munoz R, Rivas LA, Dunham M, Dubose. Multi-Slice CT Angiography for Arterial Evaluation in the Injured Lower Extremity. *The Journal of Trauma* 60:502-506, 2006.

12. Inaba K, **Munera F**, McKenney MG, Rivas L, Marecos E, de Moya M, O'Keeffe T, Pizano L, Cohn S. The nonoperative management of penetrating internal jugular vein injury. *J Vascular Surgery* 43:77-80, 2006.
13. Inaba k, McKenney M, **Munera F**, et al. Cystogram Follow-up in the Management of Traumatic Bladder Disruption. *J Trauma* 60:23-28, 2006.
14. **Munera F**, Cohn S, Rivas LA. "Penetrating Injuries of the Neck: Use of Helical Computed Tomographic Angiography. *The Journal of Trauma* 58(2):413-418, 2005.
15. Staller, B, **Munera F**, Sanchez, A. Nunez D. "Helical and Multi-Slice CTA following penetrating trauma to the subclavian and axillary arteries" *Emergency Radiology* 336-341, 2005.
16. Maclean AA, Durso A, Cohn SM, Cameron J, **Munera F**. A clinically relevant liver injury grading system by CT, preliminary report. *Emergency Radiology* 12:34-37, 2005.
17. **Munera F**, Morales C, Soto JA, et al. "Gunshot Wounds of Abdomen: Evaluation of Stable Patients with Triple-Contrast Helical CT". *Radiology* 231: 399-405, 2004.
18. **Munera F**, Soto JA, Nunez D. "Penetrating Neck Injuries and the Increasing Role of CT Angiography". *Emergency Radiology* 10: 303-309, 2004.
19. Nunez D, Torres-Leon M, **Munera F**. "Vascular Injuries of the Neck and Thoracic Inlet: Helical CT/Angiographic Correlation." *RadioGraphics* 24: 1087-1098, 2004.
20. Rivas LA, Fishman JE, **Munera F**, Bajayo D. "Multislice CT in Thoracic Trauma." *Radiologic Clinics of North America*, May 41(3): 599-616, 2003.
21. **Munera F**, Soto JA, Palacio DM, et al. "Helical CTA for the Initial Evaluation of Penetrating Neck Injuries." *Radiology* 224: 366-372, 2002.
22. Soto, JA, **Munera F**, Morales C, et al. "Focal Arterial Injuries of the Proximal Extremities: Helical CT Arteriography as the Initial Method of Diagnosis." *Radiology*, 218:188-94, 2001.
23. Soto JA, Alvarez, O, **Munera F**, et al. "Traumatic Disruption of the Pancreatic Duct: Diagnosis with MR Pancreathography." Original report. *American Journal of Roentgenology* 176:175-8, 2001.
24. Soto JA, Morales C, **Munera F**, et al. "Penetrating Stab Wounds to the Abdomen: Use of Serial US and Contrast-enhanced CT in Stable Patients." *Radiology* 220:365-71, 2001.

25. Lopera JE, Soto JA, **Munera F**. “Malignant Hilar and Perihilar Biliary Obstruction: Use of MR Cholangiography to Define the Extent of Biliary Ductal Involvement and Plan Percutaneous Interventions.” *Radiology* 220:90-6, 2001.
26. **Munera F**, Soto JA, Palacio D, et al. “Diagnosis of Arterial Injuries Caused by Penetrating Trauma to the Neck: Comparison of Helical CT Angiography and Catheter Angiography.” *Radiology* 216:356-62, 2000.
27. Soto JA, Alvarez O, Lopera JE, **Munera F**, et al. “Biliary Obstruction: Findings in MR Cholangiography and Cross-Sectional MR Imaging.” *Radiographics* 20:2, 2000.
28. Soto JA, Alvarez O, **Munera F**, Velez S.M, Valencia J and Ramirez N. “Diagnosing Bile Duct Stones: Comparison of Unenhanced Helical CT, Oral Contrast- Enhanced CT Cholangiography and MR Cholangiography.” *American Journal of Roentgenology* 175:1127-1134, 2000.
29. Palacio DM, Soto JA, Mejia MM, Correa MC, Sanchez MC, **Munera F**, Tamayo M. “Arterial Anatomy Evaluation in Living Renal Donors by Helical CT Angiography and Conventional Angiography.” *Revista Colombiana de Radiologia* 11: 696-701, 2000.
30. Soto JA, **Munera F**, Cardozo N, et al. “Diagnostic Performance of Helical CT Angiography in the Evaluation of Arterial Injuries of the Extremities.” *J Comp Assist Tomography* 23:188-196, 1999.
31. **Munera F**, Soto JA, Palacio D, Velez, SM, Medina E. “Helical CT Angiography vs. Conventional Catheter Angiography in the Penetrating Cervical Vascular Injuries a Preliminary Study.” *Revista Colombiana de Radiologia* 9:381-387, 1998.
32. Diaz C, Gonzalez JM, Patino J., Hincapie A, **Munera F**. “Radiological Characteristics of Non-palpable Breast Lesions: Hook Wire Localization and Histological Correlation,” “Histological and Mammographic Evaluation of 103 Palpable Breast Lesions.” *Revista Colombiana de Radiologia* 8: 20-26, 1998.
33. Patino JH, Correa R, Hincapie A, **Munera F**. “Hook Wire Placement in Non-palpable Breast Lesions.” *Revista Colombiana de Radiologia* 5: 33-38, 1993.

Journal Articles “in press”

1. **Munera F**, Rivas LA, Foley M. CTA in Blunt Cervical Trauma. *Radiologic Clinics of North America*, IN PRESS 2011.
2. Daily R, **Munera F**. Multidetector CT for Gastrointestinal Emergencies. *Applied Radiology*. IN PRESS

3. Chokshi F, **Munera F**, Rivas LA, Henry RP, Quencer RM. 64-Row Multidetector CT Angiography of Blunt Vascular Injuries of the Neck. Journal of Roentgenology, IN PRESS 2010.

Scientific Exhibits:

1. Dreizin D, **Munera F**, Nunez D, Rivas LA. "Evaluation of the Cervical Spine Injuries using Multidetector CT". Radiological Society of North America, Chicago, IL, November 28-December 3, 2010.

2. Lozano D, **Munera F**, Anderson S, Menias C, Caban K, Soto JA, Rivas LA. "Penetrating Wounds to the Torso: Evaluation with Triple-Contrast 64-Slice Multidetector CT". Radiological Society of North America, Chicago, IL, November 28-December 3, 2010.

3. Dreizin D, Foley M, **Munera F**. "Whole Body CT Angiography for Blunt Polytrauma". Radiological Society of North America, Chicago, IL, November 28-December 3, 2010.

4. Restrepo S, Martinez S, **Munera F**. "MDCT for Cardiac Injuries". Radiological Society of North America, Chicago, IL, November 28-December 3, 2010.

5. Palmer R, B Madrazo, A Fogel, M Kalis, **F Munera**. Mesenteric Vascular Disease: Multimodality Approach. RSNA 2008 Annual Meeting, Chicago, IL, November 30-December 5, 2008.

20. Other Works, Publications and Abstracts:

Letter to the Editor:

1. **Munera F** and Cohn S. "Does Dynamic Computed Tomographic Scan Contribute to the Diagnostic Sensitivity of Physical Examination for Surgically Significant Injury?" The Journal of Trauma 55:390, 2003.

Published Abstracts:

1. Jacobs J, **Munera F**, Inaba K, Rivas LA, Mckenney M. "Prospective evaluation of Interobserver variability of Multidetector CT Angiography as the Primary Screening Modality for Carotid and Aerodigestive Tract Injury in Victims of Penetrating Neck Trauma. American Journal of Neuroradiology, 2006.

2. **Munera F**, Patel R, Munoz R. CT Angiography of trauma to lower extremity arteries: Diagnostic accuracy and interobserver agreement. American Journal of Radiology, 2006.

3. Mathen R, Inaba K, **Munera F**, Mckenney M, Lopez P, Qureshi O. Prospective evaluation of Multi slice CT versus plain radiographic cervical spine clearance in trauma patients. *Radiology* 228, 2005.
4. Inaba, K, McKenney, M, **Munera, F**, de Moya, M, Lopez, P, Schulman, C, Habib, F. Cystogram follow-up in the management of traumatic bladder disruption. American Association for the Surgery of Trauma. Atlanta, GA *Journal of Trauma* 59(2):537, 2005.
5. Inaba, K, Potzman, J, McKenney, M, **Munera, F**, Munoz, R, Rivas, L, Dunham, M, Dubose, J. Evaluation of multislice helical CT angiography in the detection of lower extremity vascular injury. *Journal of Trauma* 59: 523, 2005.
6. Inaba, K, **Munera, F**, McKenney, M, Rivas, L, Marecos, E, de Moya, M, Bahouth, H, Cohn, S. Prospective Evaluation of Screening Multislice Helical Computed Tomographic Angiography in the Initial Evaluation of Penetrating Neck Injuries. *Journal of Trauma* 58: 220, 2005.
7. Inaba, K, **Munera, F**, McKenney, M, Rivas, L, Marecos, E, de Moya, M, O'Keeffe, T, Pizano, L, Cohn, S. The Non-Operative Management of Penetrating Internal Jugular Vein Injury. *Journal of Trauma*.59: 556, 2005.
8. Inaba, K, **Munera, F**, McKenney, M, Rivas, L, Marecos, E, de Moya, M, Bahouth, H, Cohn, S. Prospective Evaluation of Screening Multislice Helical Computed Tomographic Angiography in the Initial Evaluation of Penetrating Neck Injuries. *Journal of Trauma* 59:555, 2005.
9. **Munera F**, Marecos E, Rivas LA, Sanchez A. Multidetector CT of Chest and Abdomen: Detection of Active Hemorrhage in patients with blunt trauma". *American Journal of Radiology* 182: 87-88, 2004.
10. **Munera F**, Staller B, Rivas LA, Soto JA, Sanchez A. CTA Evaluation of Arterial Injuries: A pictorial Review with angiographic Surgical Correlation. *American Journal of Radiology* 182: 88, 2004.
11. Sanchez A, **Munera F**, Rivas LA, Staller B. Computed Tomography Angiography: Usefulness in detection of Hemorrhage in patients with pelvic fracture. *American Journal of Radiology* 182: 88, 2004.
12. Cameron J, **Munera F**, Rivas LA, Cohn S, Thompson B. "New CT Scoring System Predicts the Need for Intervention after Splenic Injury." *American Journal of Radiology* 182: 2004.
13. Rivas LA, **Munera F**, Yang L, Pearce A, Sanchez A. " Evaluation of the thoracolumbar spine after blunt trauma using existing data from CT of the chest, abdomen and pelvis in comparison to plain film radiography". *American Journal of Radiology* 182: 27, 2004.

14. **Munera F**, Morales C, Soto JA, et al. “Value of Triple Contrast Helical CT in the Selective Management of Gunshot Wounds of the Abdomen: a Prospective Clinical Trial to Reduce the Number of Negative Laparotomies.” *Radiology* 255: 248, 2002.
15. Rozenberg D, Rivas LA, **Munera F**. “Are Plain Films Still Needed in the Evaluation of Cervical Spine in Multi-Trauma Patients Routinely Scanned with Helical CT?” *Radiology* 255: 149, 2002.
16. Soto JA, **Munera F**, Morales C, Sanabria A, Suarez T, Guevara JM. “Use of Contrast Enhanced Helical CT in Stable Patients with Penetrating Abdominal Injuries Resulting from Stab Wounds.” *Radiology* 217: 118, 2000.
17. **Munera F**, Soto JA, Castaneda J, Gutierrez JE, Palacio D, Velez SM. “Use of Helical CT Angiography for the Evaluation of Penetrating Neck Injuries.” *Radiology* 217: 136, 2000.
18. Soto JA, Lopera JE, Alvarez O, **Munera F**. “Malignant Hilar Biliary Obstruction: Use of MR Cholangiography to Define Extent of Bile Duct Involvement.” *Radiology* 217: 225, 2000.
19. Soto JA, **Munera F**, Alvarez O, Alvarez LG. “Diagnosis of Choledocholithiasis: Comparison of MR Cholangiography and Real Time Ultrasonography.” *Radiology* 217: 462, 2000.
20. Soto JA, **Munera F**, Correa G, Alvarez O, Franco HN, Velez RD. “Value of Virtual Colonoscopy in Patients with Incomplete Conventional Colonoscopy.” *Radiology* 217: 659, 2000.
21. Soto JA, **Munera F**, Gutierrez JE, Franco F. “Combine Use of an Oral Cholangiographic Agent, Barium Sulfate and Intravenous Contrast for Pancreatic and Biliary Helical CT.” *Radiology* 217: 661, 2000.
22. Soto JA, Alvarez O, **Munera F**, Lopera JE. “Value of MR Cholangiography in Planning Therapy of Patients with Malignant Biliary Obstruction.” *Radiology* 213: 211, 1999.
23. Soto JA, **Munera F**, Guarín O, Cardoso N. “Use of Helical CT Angiography as the Initial Method for Diagnosis of Arterial Injuries of the Extremities.” *Radiology* 213: 353, 1999.
24. Soto JA, Alvarez O, Lopera JE, **Munera F**. “Value of MR Cholangiography and Oral Cholangiography in Planning Therapy of Patients with Biliary Obstruction.” *Radiology* 213: 645, 1999.
25. Soto JA, **Munera F**, Cardoso N, Guarín O. “Evaluation of Arterial Injuries of the Extremities with Helical CT Angiography. *American Journal of Roentgenology* 170: 82, 1998.

26. Soto JA, Guzman J, **Munera F**, Zuluaga A. "Helical CT cholangiography: Technique and Clinical Applications." American Journal of Roentgenology; 167:163, 1997.
27. Soto JA, **Munera F**, Palacio D, Velez SM, Cardozo N, Guarin O. "Arterial Injuries from Penetrating Trauma: Assessment with Helical CT Angiography." Radiology 205:514, 1997.
21. **Other Works accepted for publication:** None

V. PROFESSIONAL

22. Funded Research Performed:

- 1. EVALUATION OF DOTAREM[®] ENHANCED MRA COMPARED TO TIME-OF-FLIGHT MRA IN THE DIAGNOSIS OF CAROTID AND VERTEBRAL BASILAR ARTERIAL DISEASE**
Principal Investigator: **Felipe Munera, M.D.**
Co-Investigators: Ryan Daily, Roberto Fourzali, Rita Bhatia, Dileep Yavagal
IRB #: 20090413
Duration of Project: 7/28/09 – 7/27/13
Total Amount: \$65,260
- 2. EVALUATION OF DOTAREM[®] ENHANCED MRA COMPARED TO TIME-OF-FLIGHT MRA IN THE DIAGNOSIS OF RENAL ARTERIAL DISEASE**
Principal Investigator: **Felipe Munera, M.D.**
Co-Investigators: Govindarajan Narayanan, Victor Casillas, Roberto Fourzali, Ryan Daily
IRB #: 20090260
Duration of Project: 7/28/09 – 7/27/13
Total Amount: TBD
- 3. ULTRAVIST 370mgI/ml: SAFETY AND EFFICACY IN COMPUTED TOMOGRAPHY OF HEALTH AND BODY**
Principal Investigator: **Felipe Munera, M.D.**
Co-Investigators: Manuel Hernandez, Lauren Laybourn
Study #: 309660
Sponsor: Berlex Laboratories, Inc.
Duration of Project: 12/9/05 – 6/8/07
Total Amount: \$65,000

23. Editorial Responsibilities:

1. **Member:** EDITORIAL BOARD OF *RADIOGRAPHICS*
2010 - PRESENT
2. **Reviewer:** REVISTA COLOMBIANA DE RADIOLOGIA
2009 – PRESENT
2. **Reviewer:** RADIOGRAPHICS
2007 – PRESENT
3. **Reviewer:** EMERGENCY RADIOLOGY
2006 – PRESENT
4. **Scientific Exhibit Reviewer** for the *RadioGraphics* Emergency Medicine
Panel at the Radiological Society of North America Annual Meetings
2006 Panel Member
2008 Panel Member
2009 Vice-Chairman
2010 Chairman

24. Professional and Honorary Organizations:

- Radiological Society of North America
1999 – PRESENT
- Inter-American College of Radiology
1997 – PRESENT
- American Roentgen Ray Society
1996 – PRESENT
- American Medical Association
2001 – 2009
- American Society of Emergency Radiology
2002 – PRESENT
- Antioquia Radiological Society
1996-2001
- Colombian Radiological Society
1996-2001

25. Honors and Awards:

1. "CTA Evaluation of Lower Extremities Arterial Injuries: A pictorial Review with Angiographic-Surgical Correlation" **Certificate of Merit.** American Roentgen Ray Society - 104th Annual Meeting, Miami, FL May 2-7, 2004.
2. "Helical CTA in the Diagnosis of Subclavian Artery Injuries Resulting from Penetrating Trauma." **Cum Laude Citation:** American Society of Emergency Radiology – 14th Annual Scientific Meeting, Las Vegas, NV, October 22-25, 2003.
3. "Focal Arterial Injuries of the Proximal Extremities: Helical CT Arteriography as the Initial Method of Diagnosis." **Best paper (first place):** "Colombian Radiological Society Research Award" - XXV Colombian Congress of Radiology, Cartagena, Colombia, 2000.
4. "Helical CTA for the Initial Evaluation of Penetrating Neck Injuries." **Paper Presentation (Third place):** "Colombian Radiological Society Research Award" - XXV Colombian Congress of Radiology, Cartagena, Colombia, 2000.
5. "Value of Virtual Colonoscopy in Failed or Incomplete Conventional Colonoscopy." **Paper presentation (First place):** "Gonzalo Esguerra Gomez" Award - XXV Colombian Congress of Radiology, Cartagena, Colombia, 2000.
6. "Endovascular Treatment of Bud-Chiari Syndrome with Long-term Follow-up." **Paper presentation (Second place):** "Gonzalo Esguerra Gomez" Award XXV Colombian Congress of Radiology, Cartagena, Colombia, 2000.
7. "Comparative Study of Two Different Contrast Media Doses in the Use of HCTA for Detection of Liver Metastasis." **(Second place):** Research Protocol Design Award - XXV Colombian Congress of Radiology, Cartagena, Colombia, 2000.
8. "Value of Helical CT Angiography in Penetrating Neck Injuries." **Best paper:** Neuroradiological Section - XIX InterAmerican Congress of Radiology, Miami, FL, 1998.
9. "Hookwire Placement in Non-palpable Breast Lesions." **Best Research Award** - Colombian National Radiological Society, Bogota, Colombia, 1994.

26. Postdoctoral Fellowships: N/A

27. Other Professional Activities:

1. Scientific Exhibits Reviewer for the *RadioGraphics* Emergency Radiology panel at the Radiological Society of North America Annual Meeting, 2006, 2008, 2009, 2010.
2. Presiding Officer at Scientific Poster Presentations at the Radiological Society of North America, Chicago, IL, November 28-December 3, 2004.

Scientific Presentations:

1. Foley M, **Munera F**, Rivas LA, Ferrari M, Henry RP, Caban K. "Whole Body CT Angiography for Blunt Trauma: The Role of Dual Phase Image Acquisition for Solid Abdominal Organ Injury Evaluation". Radiological Society of North America, Chicago, IL, November 28-December 3, 2010.
2. Torres-Rivera A, **F Múnera**, C Bloomer, A Zuluaga. Evaluation of Abdominal Blunt Trauma Patterns in Obese Patients Using Multidetector CT. Radiological Society of North America Annual Meeting, Chicago, IL, November 30-December 5, 2008.
3. **Múnera F**. MDCT in Small Bowel Obstruction. 107th Annual Meeting American Roentgen Ray Society, Orlando, Florida, May 2007.
4. Arcila G, Dickson P, Madrazo B, Casillas J and **Munera F**. Complicated word of hepatic masses: A simple algorithm to Diagnosis and management. Radiological Society of North America, Chicago, Illinois, November 2006.
5. Palmer R, Casillas J, Morillo G, Dickson P, Rivas L, **Munera F**. The Radiographic spectrum of calcifications of the liver. Radiological Society of North America, Chicago, Illinois, November 2006.
6. Jacobs J, **Munera F**, Inaba K, Rivas LA, Mckenney M. A Prospective Evaluation of Multidetector CT Angiography as the Primary Screening Modality for Carotid and Aerodigestive Tract Injury in Victims of Penetrating Neck Trauma. American Society of Neuroradiology, San Diego, California, May 2006.
7. **Munera F**, Patel R, Munoz R. CT Angiography of trauma to lower extremity arteries: Diagnostic accuracy and interobserver agreement.. American Roentgen Ray Society, Vancouver, Canada, May 2006.
8. **Múnera F**. CT in Selected Abdominal Emergencies: Small Bowel Obstruction. American Roentgen Ray Society, Vancouver, Canada, May 2006.
9. Mathen R, Inaba K, **Munera F**, Mckenney M, Lopez P, Qureshi O. Prospective evaluation of Multi slice CT versus plain radiographic cervical spine clearance in trauma patients. Radiological Society of North America, Chicago, Illinois, November 2005.

10. Inaba, K, Mckenney, M, **Munera, F**, de Moya, M, Lopez, P, Schulman, C, Habib, F. Cystogram follow-up in the management of traumatic bladder disruption. Journal of Trauma 2005; 59: 537. American Association for the Surgery of Trauma, Atlanta, Georgia, 2005.
11. Inaba, K, Potzman, J, Mckenney, M, **Munera, F**, Munoz, R, Rivas, L, Dunham, M, Dubose, J. Evaluation of multislice helical CT angiography in the detection of lower extremity vascular injury. Journal of Trauma 59: 523, 2005.
12. Inaba, K, **Munera, F**, McKenney, M, Rivas, L, Marecos, E, de Moya, M, Bahouth, H, Cohn, S. (2005) Prospective Evaluation of Screening Multislice Helical Computed Tomographic Angiography in the Initial Evaluation of Penetrating Neck Injuries. Western Trauma Association Meeting, Jackson Hole, Wyoming, 2005.
13. Inaba, K, **Munera, F**, McKenney, M, Rivas, L, Marecos, E, de Moya, M, O'Keefe, T, Pizano, L, Cohn, S. The Non-Operative Management of Penetrating Internal Jugular Vein Injury. Trauma Association of Canada and Australian Trauma Society Meeting, Whistler, Canada, 2005.
14. Inaba, K, **Munera, F**, McKenney, M, Rivas, L, Marecos, E, de Moya, M, Bahouth, H, Cohn, S. Prospective Evaluation of Screening Multislice Helical Computed Tomographic Angiography in the Initial Evaluation of Penetrating Neck Injuries. Trauma Association of Canada and Australian Trauma Society, Whistler, Canada, 2005.
15. Inaba, K, **Munera, F**, McKenney, M, Rivas, L, Marecos, E, de Moya, M, Bahouth, H, Cohn, S. Screening Multislice Helical CT Angiography in the Initial Evaluation of Penetrating Neck Injuries-A Prospective Study. American College of Surgeons South Florida Chapter Surgical Research Forum, Hollywood, FL, 2005.
16. Inaba, K, **Munera, F**, Cohn, S, Rivas, L, Marecos, E, de Moya, M, Bahouth, H, McKenney, M. Prospective Evaluation of Multislice Helical CTA Screening in the Initial Evaluation of Penetrating Neck Trauma. Florida Committee on Trauma. Miami, Florida, 2004.
17. **Munera F**, Marecos E, Rivas LA, Sanchez A. Multidetector CT of Chest and Abdomen: Detection of Active Hemorrhage in patients with blunt trauma". American Roentgen Ray Society, Miami, Florida, May 2-7 2004.
18. **Munera F**, Staller B, Rivas LA, Soto JA, Sanchez A. CTA Evaluation of Arterial Injuries: A pictorial Review with angiographic Surgical Correlation. American Roentgen Ray Society, Miami, Florida, May 2-7 2004.
19. Sanchez A, **Munera F**, Rivas LA, Staller B. Computed Tomography Angiography: Usefulness in detection of Hemorrhage in patients with pelvic fracture. American Roentgen Ray Society, Miami, Florida, May 2-7 2004.

20. Cameron J, **Munera F**, Rivas LA, Cohn S, Thompson B. “New CT Scoring System Predicts the Need for Intervention after Splenic Injury.” American Roentgen Ray Society, Miami, Florida, May 2-7 2004.
21. Rivas LA, **Munera F**, Yang L, Pearce A, Sanchez A. “Evaluation of the Thoracolumbar spine after blunt trauma using existing data from CT of the chest, Abdomen and pelvis in comparison to plain film radiography”. American Roentgen Ray Society, Miami, Florida, May 2-7 2004.
22. Staller B, **Munera F** and Soto JA. “Triple Contrast Helical CT in the Selective Management of Penetrating Wounds to the Abdomen: Experience in a Large Patient Population.” Radiological Society of North America, Chicago, Illinois, December 2003
23. **Munera F**, Staller B, Soto JA, Nunez D and Alvaro Sanchez. “Helical CTA in the Diagnosis of Subclavian Artery Injuries Resulting from Penetrating Trauma.” American Society of Emergency Radiology , Las Vegas, Nevada, October 22-25, 2003.
24. BT Thompson, **F Munera**, SM Cohn, J Cameron, L Rivas, D Bajayo. “New CT Scoring System Predicts the Need for Intervention After Splenic Injury.” American Association for the Surgery of Trauma, Minneapolis, Minnesota, September 11-13, 2003.
25. Cameron J, **Munera F**, Bajayo D, Nunez D, Rivas LA. “CT for Traumatic Injuries of the Abdominal Aorta. ”. American Roentgen Ray Society, San Diego, California, May 2003.
26. Bajayo D, **Munera F**, Rivas LA, Fishman JE. “Multislice CT in Thoracic Trauma.” ”. American Roentgen Ray Society, San Diego, California, May 2003.
27. **Munera F**, Morales C, Soto JA, et al. “Value of Triple Contrast Helical CT in Selective Management of Gunshot Wounds of the Abdomen: a Prospective Clinical Trial to Reduce the Number of Negative Laparotomies.” Radiological Society of North America, Chicago, Illinois, 2002.
28. Rossi P, **Munera F**, Rivas LA, Bajayo D. “CT Features and Pitfalls of Traumatic Injuries of the Thoracic Aorta.” Radiological Society of North America, Chicago, Illinois, 2002.
29. Rozenberg D, Rivas LA, **Munera F**. “Are Plain Films Still Needed in the Evaluation of Cervical Spine in Multi-trauma Patients Routinely Scanned with Helical CT?” Radiological Society of North America, Chicago, Illinois, 2002.
30. “Urinary Bladder Color Doppler.” Zuluaga A, Soto JA, Restrepo R, Palacio D, Sierra L, **Munera F**. Radiological Society of North America, Chicago, Illinois, 2001.

31. **Munera F**, Morales C, Soto JA, et al. "Triple Contrast Helical CT in the Evaluation of Abdominal Gun-shot Wounds." XXVI Colombian Congress of Radiology, Cartagena, Colombia, August 2001.
32. Soto JA, Lopera JE, Catrillon G, **Munera F**: "Malignant Hilar and Perihilar Biliary Obstruction: use of MR Cholangiography to Define the Extent of Biliary Ductal Involvement and Plan Percutaneous Interventions." XXVI Colombian Congress of Radiology, Cartagena, Colombia, August 2001.
33. **Munera F**, Soto JA, Palacio D, et al. "Value of Helical CT Angiography as an Initial Method in the Diagnosis of Arterial Injuries Resulting from Penetrating Neck Trauma." Radiological Society of North America, Chicago, Illinois, 2000.
34. Soto JA, **Munera F**, Morales C, et al. "Value of Helical CT and Serial Ultrasound in Management of Stab Wounds to the Abdomen." Radiological Society of North America, Chicago, Illinois, 2000.
35. Soto JA, **Munera F**, Correa G, et al. "Value of Virtual Colonoscopy in Failed or Incomplete Conventional Colonoscopy." Radiological Society of North America, Chicago, Illinois, 2000.
36. **Munera F**, Soto JA, Palacio D, et al. "Helical CT Angiography as an Initial Diagnostic Method in the Diagnosis of Arterial Injuries Resulting from Penetrating Neck Trauma." XXV Colombian Congress of Radiology, Cartagena, Colombia, October 2000.
37. Soto JA, **Munera F**, Correa F, et al. "Value of Virtual Colonoscopy in Failed or Incomplete Conventional Colonoscopy." XXV Colombian Congress of Radiology, Cartagena, Colombia, October 2000.
38. Soto JA, **Munera F**, Morales C, et al. "Value of Helical CT and Serial Ultrasound in Management of Stab Wounds to the Abdomen." XXV Colombian Congress of Radiology, Cartagena, Colombia, October 2000.
39. **Munera F**, Soto JA, Cardozo N, et al. "Value of Helical CT Angiography for Detection of Arterial Injuries in the Neck and Extremities: Experience in a Large Patient Population." 85th Annual meeting RNSA, Chicago, Illinois, 1999.
40. Soto JA, **Munera F**, Guarrin O, et al. "Use of Helical CT Angiography as the Initial Method for Diagnosis of Arterial Injuries of the Extremities." 85th Annual meeting RNSA, Chicago, Illinois, 1999.
41. Soto JA, **Munera F**, Correa G, et al. "A Close Look at the Central Scar (Liver MRI)." 85th Annual meeting RNSA, Chicago, Illinois, 1999.
42. Soto JA, Alvarez, O, **Munera F**, Ruiz M, Siera JM. "Pancreatic Trauma: Use of Helical CT, MR Imaging and Pancreatography for Diagnosis and Follow-Up." 85th Annual meeting RSNA, Chicago, Illinois, 1999.

43. Soto JA, Alvarez O, Lopera JE, **Munera F**. “Value of MR Cholangiography in Planning Therapy of Patients with Biliary Obstruction.” 85th Annual meeting RSNA, Chicago, Illinois, 1999.
44. Soto, J, Alvarez O, **Munera F**, et al. “Value of MR Cholangiography and Oral CT Cholangiography in Planning Therapy of Patients with Biliary Obstruction.” 99th ARRS Annual meeting, New Orleans, Louisiana, 1999.
45. Soto J, Alvarez O, **Munera F**, et al. “Value of MR Cholangiography and Oral CT Cholangiography in Planning Therapy of Patients with Biliary Obstruction.” 84th Annual meeting RSNA, Chicago, Illinois, 1998.
46. Soto J, **Munera F**, Cardozo N, et al. “Helical CT Angiography in the Evaluation of the Lower Extremities.” 84th Annual meeting RSNA, Chicago, Illinois, 1998.
47. **Munera F**, Soto JA, Palacio D, et al. “Value of Helical CT Angiography in the Diagnosis of Carotid Artery Injuries Resulting from Penetrating Neck Trauma.” XIX InterAmerican Congress of Radiology, Miami, Florida October, 1998.
48. Soto J, **Munera F**, Cardozo N, et al. “Helical CT Angiography in the Evaluation of the Lower Extremities.” XIX InterAmerican Congress of Radiology, Miami, Florida October, 1998.
49. **Munera F**, Soto JA, Velez, SM, et al. “Helical CT Angiography vs. Conventional Catheter Angiography in the Penetrating Cervical Vascular Injuries.” XXII Colombian Radiological Society Meeting, Cartagena, Colombia, August, 1998.
50. Soto JA, **Munera F**, Cardozo, N, et al. “Helical CT Angiography in the Diagnosis of Extremity Vascular Injuries.” Colombian Vascular Surgery Meeting, Medellin, Colombia, July, 1998.
51. **Munera F**, Soto JA, Guarín O, et al. “Helical CT Angiography Value in the Assessment of Penetrating Vascular Injuries.” American Roentgen Ray Society, San Francisco, California, 1998.
52. Soto JA, **Munera F**, Cardoso N, Guarín O. “ Evaluation of arterial injuries of the extremities with helical CT Angiography.” American Roentgen Ray Society, San Francisco, California, 1998.
53. Soto, JA, **Munera F**, Guarín O, et al. “Helical CT Angiography in the Diagnosis of Extremity Vascular Injuries.” Radiological Society of North America, Chicago, Illinois, 1997.
54. **Munera F**, Soto JA, Palacio D, Velez SM, Cardozo N, Guarín O. Arterial injuries from penetrating trauma: assessment with helical CT angiography. Radiological Society of North America, Chicago, Illinois, 1997.

55. Soto JA, Guzman J, **Munera F**, Zuluaga A. "Helical CT Cholangiography: Technique and Clinical Applications." American Roentgen Ray Society, Boston, Massachusetts, 1997.
56. Amendola MA, Fuentes-Bernardo D, Lapidés R, Morillo G, Graever-Fuentes MA, **Munera F**. "MR Imaging of Liver Hemangiomas, Problems and Pitfalls." Radiological Society of North America, Chicago, Illinois, 1996.
57. Hincapie A, **Munera F**, Patino JH. "Hookwire Placement in Non-Palpable Breast Lesions." Colombian Radiological Society, Bogota, Colombia, 1994.
58. Hincapie A, **Munera F**, Patino JH. "Hookwire Placement in Non-Palpable Breast Lesions." Colombian Radiological Society Meeting, Cali, Colombia, 1992.

Invited Lectures / Conference Panel Member:

1. Moderator of Trauma and Emergency Radiology Scientific Paper Presentations, Radiological Society of North America, Chicago, IL, November 30 - December 5, 2010.
2. "MDCT for Penetrating Abdominal Trauma"
Visiting Professor at Harvard Medical School, Brigham and Women's Hospital Grand Rounds, Boston, MA, September 14, 2010.
3. "MDCT for Penetrating Abdominal Trauma"
Visiting Professor at Harvard Medical School, Massachusetts General Hospital Boston, MA, September 15, 2010.
4. "CT Angiography for Vascular Injuries: Abdomen, Pelvis, Extremities, Aorta"
"Acute Chest Pain Program: Imaging/Logistics/Economics"
"Non-Traumatic GI Emergencies (Adult)"
"Acute Lower Abdominal and Pelvic Pain"
"Discussion of Unknown Cases"
Radiology Essentials, Sonoma County, California, September 2-5, 2010.
5. Pending lecture titles. Peruvian Radiological Association and Inter-American Radiological Society, Lima, Peru, August 20-23, 2010.
6. "Update Your Protocols- Trauma Panscan". American Society of Emergency Radiology, Seattle, WA, August 11-14, 2010.
7. "Imaging Evaluation in Polytrauma" Part I and II. Interamerican Radiological Society Virtual Trauma Imaging Course. Madrid, Spain, June 2-3, 2010.
8. Instructional Course: "MDCTA in Emergency/Trauma". American Roentgen Ray Society, San Diego, CA, May 1-8, 2010.

9. “Tecnica y Aplicaciones Clínicas de la Angiografía por CT en la Evaluación del Trauma Vasculer Periferico”
“CT Multicorte en la Evaluacion del Trauma Toracico”
“Imágenes del Trauma Gastrointestinal y Mesenterico”
XIV Congreso Venezolano de Radiologia y Diagnostico por Imagenes & XXICongreso de la Sociedad Ibero Latino Americana de Neuroradiologia Diagnostica y Terapeutica, Isla Margarita, Venezuela, October 19-23, 2009.
10. “MDCT of Craniocervical Vascular Injuries: A Pain in the Neck?”
“MDCT for Penetrating Abdominal Trauma”
American Society of Emergency Radiology, Orlando, FL, September 30 – October 3, 2009.
11. “Controversies in Emergency Radiology: Point/Counterpoint”.
Rivas L, K Shanmuganathan, J Soto, S Ledbetter, **F Munera**, D Nunez, T Scalea, R Novelline, CC Blackmore Focus Sessions at the Radiological Society of North America, Chicago, IL, November 30-December 5, 2008.
12. “Multi-Slice CT for Penetrating Abdominal Trauma”
American Society of Emergency Radiology Annual Meeting, Houston, Texas, October 1-4, 2008.
13. Rivas LA, J Soto, S Ledbetter, **F Munera**, D Nunez, T Scaeam R Novelline, CC Blackmore. “Controversies in Emergency Radiology: Point/Counterpoint.”
Panel Member at the Radiological Society of North American 2008 Annual Meeting, Chicago, IL, November 30 - December 5, 2008.
14. Refresher course: “MDCT in Selected Abdominal Emergencies: Small Bowel Obstruction”. 106th American Roentgen Ray Society Annual meeting, Orlando, FL, May, 2007.
15. Refresher course: “MDCT in Selected Abdominal Emergencies: Small Bowel Obstruction”. American Roentgen Ray Society, Vancouver, Canada, May, 2006.
16. “Advances in MDCT in Thoracic and Abdominal Trauma”. International Seminar on Cross-Sectional Imaging, Boston University, Cartagena, Colombia, March, 2006.
17. "Redefining Trauma Imaging: CT, Angiography - Seeing is believing"
17th Congress of the Pan-American Trauma Society, Miami Beach, FL, November 17-20, 2004.
18. XXVIII Colombian Congress of Radiology - Cartagena, Colombia, October 2004.
19. “Acute Flank Pain: KUB, IUV, Renal Scintigraphy and Helical CT: Which, When and Why?” Inter-American Congress of Radiology, Montreal, Canada, in conjunction with the International Congress of Radiology, June 2004.

20. "International Emergency Radiology Symposium." Radiological Society of North America Refresher Course, Chicago, Illinois, December, 2003.
21. "Multi-Slice CT for Aortic and Diaphragmatic Injuries"
"Multimodality Approach for Abdominal Trauma"
"CTA for Vascular Trauma"
"Renal Colic: Imaging Evaluation"
"Multi-Slice CT in the Acute Abdomen of Gastro-Intestinal Etiology"
Update Diagnostic Radiology Course, College of Radiologist Nuevo Leon, Monterrey, Mexico, November 2003.
22. "Multi-Slice CT for Thoracic Injuries"
"Multimodality Approach for Abdominal Trauma"
"CT for Gastrointestinal Trauma"
"CTA for Vascular Trauma"
Update Diagnostic Radiology Course, Ecuadorian Society of Radiology, Quito, Ecuador, November 2003.
23. "Chest Trauma"
"Abdominal and Pelvic Trauma"
"CTA for Vascular Trauma"
"Renal Colic: Imaging Evaluation"
VII Update Diagnostic Radiology Course, Morelia, Mexico, June 2003.
24. "Renal Colic: KUB, Renal Scintigraphy, and Helical CT"
"Imaging Evaluation of the Patient with Small Bowel Obstruction"
"Helical and Multi-Slice CT for Traumatic Abdominal Hemorrhage"
III Imaging Course Antioquia University, Medellin, Colombia, May 2003.
25. Moderator of Trauma Imaging Section. University of Miami Department of Radiology, Winter Imaging Symposium, Miami, Florida, March 2003.
26. "Chest Trauma: Aortic Injuries and Diaphragmatic Rupture"
"Liver and Spleen Trauma"
"CTA for Neck Trauma"
"Current Concepts in the Diagnosis and Management of Pelvic Fractures"
"CT for Gastrointestinal Trauma"
VI Atlantic Radiological Society Annual Meeting, Barranquilla, Colombia, February 2003.
27. "Current Concepts in the Diagnosis, and Management of Pelvic Fractures"
"CTA for Vascular Trauma"
"CT Findings Predictive of Failure of Non Operative Solid Visceral Injury"
"CT for Gastrointestinal Trauma"
XX Inter-American Congress of Radiology - Cartagena, Colombia, October, 2002.

28. "CT Findings Predictive of Failure of Non Operative Solid Visceral Injury"
Sixty First American Association for the Surgery of Trauma Annual Meeting,
Orlando, Florida, September 2002.
29. "Acute Flank Pain: KUB, Renal Scintigraphy, and Helical CT: Which, When
and Why?"
13th American Society of Emergency Radiology Annual Meeting, Orlando, Florida,
April 2002.
30. "Helical CT in the Evaluation of Vascular Trauma"
XVI Colombian Congress of Radiology - Cartagena, Colombia, August 2001.
31. "Abdominal Trauma: Imaging Evaluation, Value of CT in Colonic Cancer
Evaluation with Emphasis in Virtual Colonoscopy"
VI Antioquia Radiological Society Meeting, Medellin, Colombia, June 2001.
32. "Focal Liver Lesions: CT, MR, and US."VI Update Course "
"Guillermo Velazquez" Univ de Antioquia, Medellin, Colombia, May 2001.
33. "Abdominal Trauma"
"Penetrating Vascular Injuries"
VI Course of Cali Radiological Society, Cali, Colombia, May 2001.
34. "Thoracoabdominal Trauma; Vascular Trauma"
XVI Emergencies Meeting, Popayan, Colombia, May 2000.
35. "Liver MRI: Technique; Focal Liver Lesions: MRI and CT; Helical CT
Angiography: Applications in Vascular Trauma"
5th Imaging Meeting Clinica Palermo, Santa Fe de Bogota, Colombia, May 2000.
36. "Acute Abdomen: CT and US"
5th Update Course "Guillermo Velazquez" - Medellin, Colombia, May 1999.
37. "Abdominal Manifestation of AIDS: Imaging Evaluation"
Antioquia Radiological Society Meeting, Medellin, Colombia, June 1999.
38. "Imaging of Penetrating Trauma."
Antioquia Radiological Society Meeting, Medellin, Colombia, June 1998.
39. "Lower GI Tract Malignancies"
Cancer Updating Course, National Cancer Association, Medellin, Colombia, April
1998.
40. "Acute Abdomen"
"Abdominal Trauma"
"Acute Pancreatitis: Imaging and Intervention"
Colombian Radiological National Congress, San Andres, Colombia, November 1997.

41. “Imaging and Intervention of the Pleura”
National Congress of Neumology and Thoracic Surgery, Medellin, Colombia, October 1997.
42. “Imaging Evaluation of the Renal Transplant”
National Congress of Nephrology - Medellin, Colombia, October 1997.
43. “Imaging Evaluation of Penetrating Trauma”
Antioquia Radiological Society Annual Meeting, Medellin, Colombia, August 1997.
44. “CT and US of the Traumatic and Non-Traumatic Acute Abdomen”
Curso de Imagenologia, (Sponsored by the University of Miami), Miami, Florida, May 1997.
45. “Imaging Approach of Abdominal Trauma”
Congress of Antioquia Surgical Society, Medellin, Colombia, April 1997.
46. “Imaging Evaluation of the Acute Abdomen”
V Update Radiological Course - Antioquia University, Medellin, Colombia, April 1999.

VI. TEACHING

28. Teaching Awards Received: None

29. Teaching Specialization:

Teaching Emergency and Trauma Radiology to Radiology Housestaff, University of Miami School of Medicine medical students and Jackson Memorial Medical Center Technical students and staff.

30. Thesis and Dissertation Advising / Post Doctoral Student Supervision:

1. Faculty Advisor to Dr. Angel Torres-Rivera for “Pattern of Abdominal Injuries after Blunt Trauma in Obese Patients: Is there a ‘cushion effect?’ Prospective Assessment with Multi-Detector Row CT.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, June 23, 2007
2. Faculty Advisor to Dr. Hugh Jones for “Cervical Spine Trauma in Obese Patients: Prospective Assessment with Multi-Detectors Row CT.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, June 23, 2007
3. Faculty Advisor to Dr. Courtney Bloomer for “Screening CT-Angiography for Blunt Neck Trauma: Is it worth it ?” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, June 23, 2007

4. Faculty Advisor to Dr. Jason Jacob for “Inter-Observer Agreement in CTA Evaluation of Vascular and Aero-Digestive Tract Injury in Penetrating Neck Trauma.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, June 25, 2005
5. Faculty Advisor to Dr. Rogelio Munoz for “CT Angiography in the Evaluation of Trauma to Lower Extremity Arteries: Diagnostic Accuracy and Interobserver Agreement.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, June 25, 2005
6. Faculty Advisor to Dr. Amelia Pearce for “Evaluation of the thoracolumbar spine after blunt trauma using existing data from CT of the chest, abdomen, and pelvis in comparison to plain film radiography.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, 2005
7. Faculty Advisor to Dr. Omar Qureshi for “Diagnostic efficacy of CT reconstructed CT imagery in the trauma setting.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, 2005
8. Faculty Advisor to Dr. Brett Staller for “CT Angiography in the Evaluation of Both Blunt and Penetrating Trauma to the Subclavian and Axillary Arteries”. University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, June 26, 2004. **This paper was the recipient of the Best Research Award Radiology Residents Day - 2004.**
9. Faculty Advisor to Dr. Anthony Durso for “A Clinically Relevant CT Grading System of Traumatic Hepatic Injury: Findings Predictive of the Need for Operative or Vascular Intervention.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, June 26, 2004
10. Faculty Advisor to Dr. John Cameron for “Splenic Injury: Predictors of Failure of Conservative Management.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, June 21, 2003
11. Faculty Advisor to Dr. Lee Yang for “Evaluation of the Thoracolumbar Spine after Blunt Trauma Using Chest and Abdominal Computed Tomographic Scanning in Comparison to Plain Film Radiography.” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, 2003
12. Faculty Advisor to Dr. Daniel Rozenberg for “Are Plain Films Still Needed in the Evaluation of Cervical Spine in Multi-Trauma Patients Routinely Scanned with Helical CT ?” University of Miami Miller School of Medicine – Radiology Residents’ Day Scientific Program, 2002

VII. SERVICE

31. University Committee and Administrative Responsibilities:

1. Director, Imaging Quality and Patient Safety
Department of Radiology
Jackson Memorial Hospital
2010 - PRESENT
2. Honors Program in Medicine/Medical Scholars Program
Selection and Monitoring Committee
University of Miami Miller School of Medicine
2009 – 2012
3. Member, Radiology Research Committee
Department of Radiology
University of Miami Miller School of Medicine
2007

32. Community Activities:

1. Vice Chairman,
American Society of Emergency Radiology Annual Meeting
Miami, FL
2011
2. Member, Education Exhibits Awards Committee
Radiological Society of North America
2010-2012
3. Member, Scientific Program Committee
American Society of Emergency Radiology
2008 - 2011
4. Member, Educational Evaluation Committee
108th American Roentgen Ray Society Annual Meeting
Orlando, Florida
May 2007
5. Member, Admissions Committee
Radiology Residency Program
Jackson Memorial Hospital/Jackson Health System
2006 - 2007

6. Member, Educational Evaluation Committee
106th American Roentgen Ray Society Annual Meeting
Vancouver, Canada
2006
7. Associate Director, Radiology Residency Training Program
Jackson Memorial Hospital/Jackson Health System
Miami, FL
August 2006 - August 2007
8. Chief, Body MR
Jackson Memorial Hospital
Miami, FL
August 2006 - August 2007
9. Member, Educational Evaluation Committee
104th Annual Meeting-American Roentgen Ray Society
Miami, Florida
May 2-7 2004
10. Member, Scientific Committee
Colombian Radiological Society
1997 – 2003