



## **CURRICULUM VITAE**

**Sonia L. Betancourt Cuellar, M.D.**

### **PRESENT TITLE AND AFFILIATION**

#### **Primary Appointment**

Associate Professor, Department of Diagnostic Radiology, Division of Diagnostic Imaging, The University of Texas MD Anderson Cancer Center, Houston, TX

#### **Dual/Joint/Adjunct Appointment**

Assistant Professor, Division of Diagnostic Imaging, The University of Texas Health Science Center at Houston, Houston, TX

### **CITIZENSHIP**

Colombia, H-1B Visa

### **HOME ADDRESS**

2404 Morgan St. Unit B  
Houston, TX 77006  
Phone: 713-792-3853

### **OFFICE ADDRESS**

The University of Texas MD Anderson Cancer Center  
1515 Holcombe Blvd  
Houston, TX 77030  
Phone: 713-792-3853  
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Email: slbetancourt@mdanderson.org

### **EDUCATION**

#### **Degree-Granting Education**

Universidad Colegio Mayor de Nuestra Senora del Rosario, Bogota, Colombia, MD, 1992,  
Medical

Universidad Colegio Mayor de Nuestra Senora del Rosario, Bogota, Colombia, Radiology, 1999,  
Radiology

#### **Postgraduate Training**

Medicine, Universidad Colegio mayor de Nuestra Senora del Rosario, School of Medicine,  
Bogota, Colombia, 1986-1991

Rotario Internship, Universidad Colegio Mayor de Nuestra senora del Rosario, School of  
Medicine, Bogota, Colombia, 1991-1992

General Practitioner, Medical Social Service, Hospital Regional Puerto Inirida, Puerto Inirida,  
Colombia, 1992-1993

Residency, Radiology, Universidad Colegio Mayor de Nuestra Senora del Rosario, Hospital San  
Jose, Bogota, Colombia, 1995-1999

Visiting Fellowship, Thoracic Radiology, Hospital San Pau, Barcelona, Spain, 9/2003-12/2003

Clinical Fellowship, Thoracic Radiology, The University of Texas MD Anderson Cancer Center,  
Houston, TX, 7/2008-6/2009

### **CREDENTIALS**

**Board Certification**

American Board of Radiology, 5/2012

**Licensures**

**Active**

Texas Medical License, TX, P7882, 9/2013-11/2016

**Inactive**

Faculty Temporary Medical Permit, TX, 42649, 8/2009-8/2010

Faculty Temporary Medical Permit, TX, 43622, 8/2010-8/2012

Faculty Temporary Medical Permit, TX, 43974, 8/2012-8/2013

Faculty Temporary Medical Permit, TX, 43187, 8/2013-8/2014

**EXPERIENCE/SERVICE**

**Academic Appointments**

Attending Radiologist, Hospital de la Samaritana, Bogota, Colombia, 2000-2008

Instructor, Universidad de la sabana School of Medicine, Bogota, Colombia, 2001-2008

Associate Professor, Department of Diagnostic Radiology, Division of Diagnostic Imaging, The University of Texas MD Anderson Cancer Center, Houston, TX, 9/2009-present

Assistant Professor, Division of Diagnostic Imaging, The University of Texas Health Science Center at Houston, Houston, TX, 9/2013-8/2014

**Administrative Appointments/Responsibilities**

Program Chair of Thoracic Peer Review Continuing Medical Education Program, Department of Diagnostic Radiology, Division of Diagnostic Imaging, The University of Texas MD Anderson Cancer Center, Houston, TX, 4/2014-present

Director of Medical Student Education, Department of Diagnostic Radiology, Division of Diagnostic Imaging, The University of Texas MD Anderson Cancer Center, Houston, TX, 4/2014-present

**Other Appointments/Responsibilities**

N/A

**Endowed Positions**

N/A

**Consultantships**

N/A

**Military or Other Governmental Service**

N/A

**Institutional Committee Activities**

Institutional Review Board (IRB 2), Associate Member, 2012-present

Education Committee- Thoracic Fellowship, Committee Member, 2013-present

Mentorship and Sponsorship Subcommittee of the DI Council on Gender Inclusiveness, Committee Member, 10/2014-present

Quality Control Committee, Thoracic section, Committee Member, 10/2014-present

**HONORS AND AWARDS**

Bronze Medal for Academic Exhibit, XXI Inter-American College of Radiology Meeting. XXVII Colombian Radiology Meeting, Cartagena, Colombia, 2002

Bronze Medal for Academic Exhibit, XXVIII Colombian Radiology Meeting, Cartagena, Colombia, 2003

Certificate of Merit for Academic Exhibit, Radiological Society of North America 89th Scientific Assembly and Annual Meeting, Chicago, IL, 2003

Certificate of Merit for Academic Exhibit, Radiological Society of North America 92nd Scientific Assembly and Annual Meeting, Chicago, IL, 2006

Certificate of Merit for Academic Exhibit, Radiological Society of North America 93rd Scientific Assembly and Annual Meeting, Chicago, IL, 2006

Certificate of Merit for Academic Exhibit, Radiological Society of North America 93rd Scientific Assembly and Annual Meeting, Chicago, IL, 2007

Certificate of Merit for Academic Exhibit, American Roentgen Ray Society 87th Annual Meeting, Chicago, IL, 2011

Certificate of Merit for Academic Exhibit, Radiological Society of North America 97th Scientific Assembly and Annual Meeting, Chicago, IL, 2011

Certificate of Merit for Academic Exhibit, Radiological Society of North America 99th Scientific Assembly and Annual Meeting, Chicago, IL, 2013

Certificate of Merit for Academic Exhibit, Radiological Society of North America 100th Scientific Assembly and Annual Meeting, Chicago, IL, 2014

Certificate of Merit for Academic Exhibit, Radiological Society of North America 100th Scientific Assembly and Annual Meeting, Chicago, IL, 2014

RSNA Honored Educator Award, Radiological Society of North America, 2014

Certificate of Merit for Academic Exhibit "Imaging assessment after multimodality therapy in esophageal carcinoma," Society of Thoracic Radiology Annual Meeting, 2015

Outstanding Researcher Award in Diagnostic Radiology, MD Anderson Cancer Center, 2015

Certificate of Merit for Academic Exhibit, Radiological Society of North America 101th Scientific Assembly and Annual Meeting, Chicago, IL, 2015

## **RESEARCH**

### **Grants and Contracts**

#### **Funded**

Collaborator, Can MRI Replace CT in the Evaluation of Thymoma?, DICRC-01-2010, DICRC, PI - Marom EM, 2/22/2011-present (\$104,059/year)

#### **Pending**

N/A

#### **Other**

N/A

#### **Completed**

N/A

#### **Not Funded**

N/A

### **Protocols**

#### **Funded**

Collaborator, A Phase I/II, Open Label, Safety, PK and Preliminary Efficacy Study of Oral CO-1686 in Patients with Previously Treated Mutant EGFR NSCLC, 2012-0009, PI - Papadimitrakopoulou V, 2012-present

Collaborator, Phase 1b, Multi-Center, Open-Label Study of the mTOR Kinase Inhibitor CC-223 in Combination with Erlotinib or Oral Azacytidine in Advanced Non-Small Cell Lung Cancer, Protocol 2012-0134, 2012

Collaborator, A Phase I, Open-Label, Multicenter Study to Assess the Safety, Tolerability, Pharmacokinetics and Preliminary Anti-tumor Activity of Gefinitib in Combination with MEDI4736 (anti-PD-L1) in Subjects with Non-Small Cell Lung Cancer (NSCLC), 2014-0222, 2014-present

Collaborator, A Phase II Study of Ibrutinib in Previously Treated EGFR Mutant Non-Small Cell Lung Carcinoma, 2014-0602, 2014-present

Collaborator, A Phase II/III Randomized Trial of Two Doses of MK-3475 (SCH900475) versus Docetaxel in Previously Treated Subjects with Non-Small Cell Lung Cancer, 2013-0691, 2014-present

Collaborator, A Phase 1 Study to Evaluate the Safety, Pharmacokinetics, and Pharmacodynamics of JNJ-42756493, a pan-Fibroblast Growth Factor Receptor (FGFR) Tyrosine Kinase Inhibitor, in Subjects With Advanced or Refractory Solid Tumors or Lymphoma, 2013-0551, 2014

Collaborator, A Phase 1/2a, Dose-Escalation Study of FF-10502-01 for the Treatment of Advanced Solid Tumors and Lymphomas, 2014-0893, 2014

Collaborator, A Phase I/II Study of MK-3475 (SCH900475) in Combination with Chemotherapy or Immunotherapy in Patients with Locally Advanced or Metastatic Non-Small Cell Lung Carcinom, 2013-0984, 2014

Collaborator, A Phase I/II Study of Ibrutinib in Previously Treated EGFR Mutant Non-Small Cell Lung Cancer, 2014-0602, 2015-present

Collaborator, An Open-Label, Dose-escalation/expansion Phase 1 Study of ASP4132 Given Orally to Subjects with Advanced Refractory Solid Tumors and Lymphoma, 2015-0028, 2015-present

#### **Unfunded**

Collaborator, Total lesion glycolysis in esophageal cancer patients: Can it predict survival?, DR09-0761, PI - Marom EM, 2009

Collaborator, Imaging predictors of outcome of salivary gland tumors of the lung, PA11-0881, PI - Marom EM, 2011

#### **Patents and Technology Licenses**

##### **Patents**

N/A

##### **Technology Licenses**

N/A

#### **Grant Reviewer/Service on Study Sections**

N/A

#### **PUBLICATIONS**

##### **Peer-Reviewed Original Research Articles**

1. Gonzalez N, **Betancourt SL**. Infected cyst of urachus. Colombian Journal of Radiology 9(3):778-781, 1998.
2. **Betancourt SL**, Adams A. Hemangioma of the thoracic cage. Colombian Journal of Radiology 6(13):991-994, 1999.
3. **Betancourt SL**. A case review of duodenal lipoma. Colombian Journal of Radiology 9(11):1101-1103, 2000.

4. **Betancourt SL**, Cruz M, Martinez S, Ortega N. Adrenal gland: Normal and pathologic US findings in the prenatal and neonatal periods. *Colombian Journal of Radiology* 15(3):1586-1599, 2005.
5. **Betancourt SL**, Carrillo J, Martinez S. Pathology of pericardium. *Colombian Journal of Radiology* 14(1):1570-1575, 2005.
6. **Betancourt SL**, Cruz M, Martinez S, Ortega N. Prenatal diagnosis of fetal abdominal cystic lesions. *Colombian Journal of Radiology* 15(3):1586-1590, 2005.
7. Martinez S, Restrepo CS, Carillo JA, **Betancourt SL**, Franquet T, Varon CL, Ojeda P, Jimenez A. Thoracic manifestations of tropical parasitic infections. A pictorial review. *RadioGraphics*(25):135-155, 2005.
8. **Betancourt SL**, Martinez-Jimenez S, Rossi SE, Truong MT, Carrillo J, Erasmus JJ. Lipoid pneumonia: Spectrum of clinical and radiologic manifestations. *AJR Am J Roentgenol* 194(1):103-109, 1/2010. PMID: 20028911.
9. **Betancourt SL**, Palacio D, Jimenez CA, Martinez S, Marom EM. Thoracic manifestations of inflammatory bowel disease. *AJR Am J Roentgenol* 197(3):W452-6, 9/2011. PMID: 21862772.
10. Shah AM, Morice RC, Ost D, Eapen GA, **Betancourt SL**, Jimenez CA. High-riding pericardial recess mimicking metastatic mediastinal lymph node. *Am J Respir Crit Care Med* 185(1):e1, 1/2012. PMID: 22210796.
11. Restrepo CS, **Betancourt SL**, Martinez-Jimenez S, Gutierrez FR. Aortic tumors. *Semin Ultrasound CT MR* 33(3):265-72, 6/2012. PMID: 22624970.
12. Restrepo CS, **Betancourt SL**, Martinez-Jimenez S, Gutierrez FR. Tumors of the pulmonary artery and veins. *Semin Ultrasound CT MR* 33(6):580-590, 12/2012. PMID: 23168066.
13. Grosu HB, Morice RC, **Betancourt SL**, Colomer AL, Jimenez CA. Coexistence of two anatomical bronchial variances. *BMJ Case Rep* 2012, 2012. e-Pub 6/2012. PMCID: PMC3387433.
14. Benveniste MF, Welsh J, Godoy MC, **Betancourt SL**, Mawlawi OR, Munden RF. New era of radiotherapy: An update in radiation-induced lung disease. *Clin Radiol* 68(6):e275-90, 6/2013. e-Pub 3/2013. PMCID: PMC3941603.
15. Katagbathina VS, Restrepo CS, **Betancourt SL**, Riascos R. Imaging of oncologic emergencies: what every radiologist should know. *Radiographics* 33(6):1533-1553, 10/2013.
16. Restrepo S, Vargas D, Acasionez D, Martinez S, **Betancourt SL**. Pericardial tumors. *RadioGraphics* 33(6):1613-1630, 10/2013.
17. **Betancourt SL**, Carter BW, Macapinlac HA, Ajani JA, Komaki R, Welsh JW, Lee JH, Swisher SG, Correa AM, Erasmus JJ, Hofstetter WL. Clinical staging of patients with early esophageal adenocarcinoma: Does FDG-PET/CT have a role? *J Thorac Oncol* 9(8):1202-6, 8/2014. PMID: 25157774.
18. Martínez-Jiménez S, Rosado-de-Christenson ML, Walker CM, Kunin JR, **Betancourt SL**, Shoup BL, Pettavel PP. Imaging features of thoracic metastases from gynecologic neoplasms. *Radiographics* 34(6):1742-54, 10/2014. PMID: 25310428.
19. **Betancourt SL**, Palacio D, Bisset GS. The wandering appendicolith. *Pediatr Radiol*. e-Pub 12/2014. PMID: 25480435.
20. **Betancourt SL**, Palacio D. Imaging of pulmonary aspiration syndrome. *Contemporary Radiology* 38(9):1-7, 4/2015.
21. Khorashadi L, Wu CC, **Betancourt SL**, Carter BW. Idiopathic pulmonary haemosiderosis: spectrum of thoracic imaging findings in the adult patient. *Clin Radiol* 70(5):459-65, 5/2015. e-Pub 12/2014. PMID: 25515792.
22. de Groot PM, Carter BW, **Betancourt SL**, Erasmus JJ. Staging of Lung Cancer. *Clin Chest Med* 36(2):179-196, 6/2015. PMID: 26024599.
23. Palacio D, Benveniste MF, **Betancourt SL**, Gladish GW. Multidetector computed tomography pulmonary angiography pitfalls in the evaluation of pulmonary embolism with emphasis in technique. *Semin Roentgenol* 50(3):117-225, 7/2015. e-Pub 2/2015. PMID: 26002242.
24. **Betancourt SL**, Palacio D, Carter B, Erasmus JJ. Pitfalls and limitations in lung cancer staging. *Seminars of Roentgenology* 50(3):178-82, 7/2015.

25. Carter BW, **Betancourt SL**, Viswanathan C, Mawlawi O, Marom EM, Truong MT. Potential pitfalls in interpretation of positron emission tomography/computed tomography findings in the thorax. *Semin Roentgenol* 50(3):210-6, 7/2015. e-Pub 2/2015. PMID: 26002241.
26. Carter BW, **Betancourt SL**, Truong MT, Mawlawi O, Marom EM, Viswanathan C. Pitfalls in PET/CT in the Thorax. *Seminars of Roentgenology*.50(3):210 -16, 7/2015.
27. **Betancourt SL**, Marom EM, Correa A, Hofstetter W. Prognostic value of initial FDG-PET/CT metabolic tumor volume in patients with resectable esophageal carcinoma. *JSM Gastroenterology and Hepatology*. In Press.
28. Francis AM, Sepesi B, Correa AM, Blum MA, Erasmus JJ, Lee JH, Maru DM, Mehran RJ, Rice DC, Roth JA, Vaporciyan AA, Walsh GL, Welsh JW, Swisher SG, Hofstetter WL, **Betancourt SL**, Ajani JA, Palacio DM, Bhutani M, Komaki R, Lin SH, Chuang HH. The influence of histopathologic tumor viability on long-term survival and recurrence rates following neoadjuvant therapy for esophageal adenocarcinoma. *Annals of Surgery*. Submitted.

#### Invited Articles

N/A

#### Editorials

N/A

#### Other Articles

N/A

#### Abstracts

1. **Betancourt SL**, Fontalbo J. Foreign bodies in the airways. Colombian Radiology Meeting, Cali, Colombia, 1998.
2. **Betancourt SL**. Parostal osteosarcoma. Colombian Radiology Meeting, Cali, Colombia, 1998.
3. **Betancourt SL**. Lesions of thoracic cage. Colombian Radiology Meeting, Cartagena, Colombia, 2001.
4. Martinez S, Gimenez A, Fraquet T, Riascos R, **Betancourt SL**, Baquero R. Intrathoracic complications of connective tissue disorders: CT and MR findings. Society of Thoracic Radiology, Thoracic Imaging Meeting, Miami, FL, 2003.
5. **Betancourt SL**, Carrillo JA, Martinez S, Restrepo CS, Franquet T, Riascos R. New trends in eosinophilic lung disease: Clinical. Radiological Society of North America 89th Scientific Assembly and Annual Meeting, Chicago, IL, 2003.
6. Carrillo JA, Martinez S, Borrero L, Villalon L, **Betancourt SL**. Non infectious pathology of the lung in acquired immune deficiency syndrome: Radiological and pathological correlation. Radiological Society of North America 89th Scientific Assembly and Annual Meeting, Chicago, IL, 2003.
7. Martinez S, Restrepo CS, Carrillo JA, **Betancourt SL**, Franquet T, Varon C. Thoracic manifestations of tropical parasitic infections: A pictorial review. Radiological Society of North America 89th Scientific Assembly and Annual Meeting, Chicago, IL, 2003.
8. Riascos R, Martinez S, Borrero L, Villalon L, **Betancourt SL**. Radiological features of mitochondrial mutations with brain involvement: pictorial review. Radiological Society of North America 90th Scientific Assembly Meeting, Chicago, IL, 2004.
9. Martinez S, Restrepo CS, Vargas D, Diethelm I, Carrillo JA, **Betancourt SL**. Anatomy and diseases of extrapleural space: Imaging features and differential diagnosis. *American Journal of Roentgenology* 184(4):79, 2005.
10. **Betancourt SL**. Ductus aneurysm, a case presentation. Colombian Radiology Meeting, Cartagena, Colombia, 2005.
11. **Betancourt SL**, Martinez S, McAdams P. The many faces of lipoid pneumonia. Radiological Society of North America 92nd Scientific Assembly and Annual Meeting, Chicago, IL, 2006.
12. **Betancourt SL**, Martinez S, McAdams P. Pulmonary manifestations of inflammatory bowel disease. Radiological Society of North America 93rd Scientific Assembly and Annual Meeting, Chicago, IL, 2007.

13. **Betancourt SL**, Palacio D, Benveniste M, Godoy M, Marom EM. Complications and imaging interpretation of pitfalls following chest radiation therapy. Radiological Society of North America 97th Scientific Assembly and Annual Meeting, Chicago, IL, 11/2011.
14. Restrepo C, Ocaionez D, Murillo H, **Betancourt SL**, Martinez S. Primary pericardial neoplasm. Radiological Society of North America 98th Scientific Assembly and Annual Meeting, 11/2011.
15. Katagbathina VS, Restrepo CS, **Betancourt-Cuellar SL**, Riascos R. Imaging of oncologic emergencies: What every radiologist should know. Radiological Society of North America 98th Scientific Assembly and Annual Meeting, 11/2012.
16. **Betancourt SL**, Palacio D, Truong MT, Carter BW, Erasmus JJ. RECIST 1.1 Response evaluation criteria in thoracic solid tumors. American Roentgen Ray Society Annual Meeting, 4/2013.
17. de Groot PM, Godoy MCB, **Betancourt-Cuellar, SL**, Truong MT, Ko JP, Munden RF. The post-operative chest: Pulmonary resections. American Roentgen Ray Society Annual Meeting, 4/2013.
18. **Betancourt SL**, Palacio DM, Carter BW, Martinez S, Benveniste MK, Truong MT. CT and PET/CT assessment of complications after chemo and radiation therapy in esophageal carcinoma. Radiological Society of North America, 12/2013.
19. Palacio DM, Hofstetter WL, Correa AM, **Betancourt SL**, Marom EM. Diagnosing leak after esophagectomy for esophageal cancer by CT-esophageal protocol (CTEP) and standard esophagram (SE): Is the old school still the best school. Radiological Society of North America, 12/2013.
20. **Betancourt SL**, Hofstetter WL, Correa AM, Mawlawi OR, Palacio DM, Marom EM. Prognostic value of metabolic tumor volume in patients with esophageal carcinoma. Radiological Society of North America, 12/2013.
21. Carter BW, **Betancourt SL**, Godoy MC, Mawlawi OS, Marom EM, Truong MT. The role of PET/CT in assessing response to therapy in lung cancer. Radiological Society of North America, 12/2013.
22. Martinez SJ, Christenson MLR, Walker CM, Kunin JR, **Betancourt SL**, Pettavel PP. Thoracic metastases from gynecological neoplasms: How they differ from other metastases, specific patterns of spread, and pitfalls in imaging interpretation. Radiological Society of North America, 12/2013.
23. Francis AM, Correa AM, **Betancourt SL**, Kim JY, Sepesi B, Ajani JA, Komaki R, Erasmus JJ, Maru DM, Mehran RJ, Rice DC, Roth JA, Vaporciyan AA, Walsh GL, Hofstetter WL, Swisher SG. Esophageal tumor thickness on computed tomography as a predictor of residual tumor in esophageal adenocarcinoma following preoperative chemoradiation. 9th Annual Academic Surgical Congress, 2/2014.
24. Baxi AJ, Restrepo C, **Betancourt SL**, Vargas D, Mumbower A, Katre R. An overview of uncommon primary pulmonary tumors: An imaging spectrum beyond lung cancer with histopathological correlation. Society of Thoracic Radiology annual meeting, 3/2014.
25. Baxi AJ, Restrepo C, **Betancourt SL**, Vargas D, Ocaiones D, Katre R. Multiple pulmonary nodules: Looking beyond metastasis. Society of Thoracic Radiology annual meeting, 3/2014.
26. **Betancourt SL**, Palacio D, Truong MT, Carter BW, Erasmus JJ. RECIST 1.1 Response evaluation criteria in thoracic solid tumors. Society of Thoracic Radiology Annual Meeting, 3/2014.
27. Baxi Ah, Restrepo CS, McCarthy MJ, Mumbower AL, Katre RS, **Betancourt SL**. An Overview of Uncommon Primary Pulmonary Tumors: An Imaging Spectrum Beyond Lung Cancer with Histopathological Correlation. Radiological Society of North America, 4/2014.
28. Carter BW, Benveniste MF, **Betancourt SL**, DeGroot PM, Sorensen J, Lichtenberger JP. Breaking Down the Wall: Malignant Neoplasms of the Chest Wall and Distinguishing Imaging Features. Radiological Society of North America, 4/2014.
29. **Betancourt SL**, Palacio DM, Benveniste MF, Carter BW, Erasmus JJ. Lung Cancer: Limitations and Imaging Pitfalls in Multimodality Staging. Radiological Society of North America, 4/2014.

30. Baxi AJ, Restrepo CS, McCarthy MJ, Mumbower AL, Carrillo J, **Betancourt SL**. Multiple Pulmonary Nodules: Looking Beyond Metastasis. Radiological Society of North America, 4/2014.
31. Benveniste MF, Gomez DR, Carter BW, **Betancourt SL**, DeGroot PM, Marom EM. Proton Therapy: What the Diagnostic Radiologist Needs to Know. Radiological Society of North America, 4/2014.
32. **Betancourt SL**, Weissferdt A, Palacio DM, Carter BW, Marom EM. Tracheal Lumps and Bumps: The Good, the Bad and the Unusual. Radiological Society of North America, 4/2014.
33. **Betancourt SL**, Carter BW, Macapinlac HA, Ajani J, Komaki R, Welsh J, Lee JH, Swisher SG, Erasmus JJ, Hofstetter WL. Clinical staging of patients with early esophageal adenocarcinoma: Does FDG-PET/CT have a role? American Roentgen Ray Society Meeting, 5/2014.
34. Benveniste MK, Truong MT, **Betancourt SL**, Carter BW, Sabloff BS, Marom EM. Can MRI replace CT in Staging of Thymic Epithelial Tumors? Radiological Society of North America, 12/2014.
35. **Betancourt SL**, de Groot PM, Benveniste MK, Wu CC, Palacio DM, Marom EM. Does FDG PET/CT have value in detecting recurrence of esophageal carcinoma? Radiological Society of North America, 12/2014.
36. Martinez-Jimenez S, Rosado De Christenson ML, Stowell J, Restrepo CS, **Betancourt SL**. Mediastinal Aunt Minnie's & Felson's classics: "It isn't what we do not know that gives us trouble, it's what we know that ain't so" (Will Rogers). Radiological Society of North America, 12/2014.
37. de Groot PM, **Betancourt SL**, Tang C, Godoy MC, Welsh J. Mobilizing the troops: irRECIST in cancer immunotherapy response assessment. Radiological Society of North America, 12/2014.
38. Baxi AJ, Restrepo CS, Mumbower AL, **Betancourt SL**, Vargas D. Multiple pulmonary nodules: What exists beyond metastases that every radiologist should know. Radiological Society of North America, 12/2014.
39. **Betancourt SL**, Martinez-Jimenez S, Palacio DM, Hofstetter WL, Carter BW, Marom EM. Soft Tissue and Chest Wall Reconstruction After Intrathoracic Oncological Resections. Radiological Society of North America, 12/2014.
40. Baxi AJ, Chintapalli KN, Katkar AS, Sunnapwar A, **Betancourt SL**, Restrepo CS. Taxonomy of Carcinoid Tumors based on WHO Classification and Multimodality Imaging Findings. Radiological Society of North America, 12/2014.
41. Palacio DM, **Betancourt SL**, Marom EM. The Multiple Appearances of Synovial Sarcoma in the Thorax. Radiological Society of North America, 12/2014.
42. Stowell J, Walker C, Rosado De Christenson ML, Wu CC, Carter BW, **Betancourt SL**. Thoracic manifestations of genitourinary malignancies: Patterns of spread and treatment-related complications. Radiological Society of North America, 12/2014.
43. Carter BW, Palacio DM, Truong MT, **Betancourt SL**. Imaging assessment after multimodality therapy in esophageal carcinoma. Society of Thoracic Radiology Annual Meeting, 3/2015.
44. **Betancourt SL**, Palacio DM, Carter BW. Unusual tracheal tumors: A review. European society of thoracic Imaging(ESTI), 6/2015.
45. Sepesi, Dhupar, Marta Davila, Correa, **Betancourt SL**, Dipen Maru, Antonoff, Mehran, Rice, Roth, Swisher, Vaporciyan, G Walsh, and W Hofstetter. Outcomes of Endoscopic Resection of Pathologic T1B Esophageal Carcinoma. , 8/2015.
46. Dhupar R, Correa AM, Rice RB, Bhutani MS, Weston BR, DaSilva A, Maru DM, **Betancourt SL**, Rice DC, Swisher SG, Hofstetter WL. Endoscopic Ultrasound Estimates for Tumor Depth at the GE Junction are Inaccurate: Implications for the Liberal Use of Endoscopic Resection. Society of Thoracic Surgery. Submitted.

#### Book Chapters

1. Restrepo S, Tavaoli S, **Betancourt SL**. Functional imaging in cardiac tumors. In: Functional Imaging in Oncology. 2. Ed(s) Luna, A., Vilanova, J.C., Hygino Da Cruz Jr., L.C., Rossi, S.E. Springer, 789-810, 2013. PMID: 978-3-642-40582-2.



2. **Betancourt SL**, Marom EM, Erasmus JJ. Imaging Lung Cancer. In: Lung Cancer, 4. John Wiley & Sons, Inc: New Jersey, 2014.
3. **Betancourt SL**. En-bloc Chest Wall Resection. In: Specialty Imaging Thoracic Neoplasms, First. Elsevier, 2016.
4. **Betancourt SL**. Large Cell Carcinoma. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
5. **Betancourt SL**. Metastatic disease. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
6. **Betancourt SL**. Pancoast Tumor. In: Specialty Imaging Thoracic Neoplasms, First. Elsevier, 2016.
7. **Betancourt SL**. Small Cell Lung Carcinoma. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
8. **Betancourt SL**. Small Cell Lung Carcinoma. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
9. **Betancourt SL**. Soft Tissue Metastases. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
10. **Betancourt SL**. Squamous Cell Carcinoma. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
11. **Betancourt SL**. Staging of Esophageal Carcinoma. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
12. **Betancourt SL**. Synovial Sarcoma. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
13. **Betancourt SL**. Undifferentiated Pleomorphic Sarcoma. In: Specialty Imaging Thoracic Neoplasms, First edition. Elsevier, 2016.
14. **Betancourt SL**. Community Acquired Pneumonia. In: Chest Imaging. Oxford University. In Press.
15. **Betancourt SL**. Endemic Mycosis. In: Chest Imaging. Oxford University. In Press.
16. **Betancourt SL**. Multifocal pneumonia and cavitary disease. In: Chest Imaging. Oxford University. In Press.
17. **Betancourt SL**. Opportunistic Fungal infection. In: Chest Imaging. Oxford University. In Press.
18. **Betancourt SL**. Pulmonary TB. In: Chest Imaging. Oxford University. In Press.
19. **Betancourt SL**. Pleomorphic sarcoma. In: Thoracic neoplasms. First edition. Elsevier 2016.

**Books (edited and written)**

N/A

**Letters to the Editor**

N/A

**Manuals, Teaching Aids, Other Teaching Publications**

1. **Betancourt SL**, Arango G, Bernal A. Poster: Pulmonary solitaire nodule. Colombian Radiology Meeting, Cartagena, Colombia, 2001.
2. **Betancourt SL**, Carrillo J, Ojeda P. Poster: Tracheal lesions. Colombian Radiology Meeting, Cartagena, Colombia, 2001.

**Other Publications**

N/A

**EDITORIAL AND REVIEW ACTIVITIES**

**Editor/Service on Editorial Board(s)**

N/A

**Member of Editorial Review Board**

N/A

**Journal Reviewer**

Reviewer, Radiographics, 2010

Reviewer, Revista Colombiana de Radiologia, 2011

Reviewer, Clinical Imaging, 2013

**Other Editorial and Review Activities**

N/A

**TEACHING**

**Teaching Within Current Institution -**

**Formal Teaching**

**Courses Taught**

N/A

**Training Programs**

N/A

**Other Formal Teaching**

Lecturer, Introduction to Chest Radiology, Course Number: RAD 4001, Course Hours: 1

11/2010

4/2014

Lecturer, Lipoid Pneumonia/Division of Diagnostic Imaging Quality Improvement  
Regularly Scheduled Series

7/2011

Lecturer, Approach to mediastinal abnormalities/Division of Diagnostic Imaging Quality  
Improvement Regularly Scheduled Series, Course Number: MODI 1501

8/2012

Lecturer, Radiographic evaluation of the mediastinum/Division of Diagnostic Imaging  
Quality Improvement Regularly Scheduled Series

8/2012

Lecturer, Basic Concepts in Chest Radiology, Course Number: RAD 4001, Course Hours:  
1

2/2011

4/2012

8/2013

11/2015

Thoracic Manifestations of Tuberculosis/Division of Diagnostic Imaging Quality  
Improvement Regularly Scheduled Series, Course Number: MODI 1501

12/2013

Lecturer, Early esophageal carcinoma. Does PET/CT have a role/Division of Diagnostic  
Imaging Quality Improvement Regularly Scheduled Series, Course Number: MODI 1501

9/2014

Lecturer, PET/CT utility in evaluation of esophageal carcinoma/Fellow Didactic Lecture  
Series

12/2014

Lecturer, DI QI noon conference: Pitfalls and limitations in lung cancer staging/Fellow  
Didactic Lecture Series

8/2015

Lecturer, Imaging evaluation of esophageal carcinoma. Radiation oncology residents  
series.

11/2015

**Supervisory Teaching**

**Committees**

**Advisory Committees**

N/A

**Supervisory Committees**

N/A

**Examining Committees**

N/A

**Direct Supervision**

**Undergraduate and Allied Health Students**

N/A

**Medical Students**

Diagnostic Radiology - RAD 4001, Amanda K. Myres, 9/2009

Diagnostic Radiology - RAD 4001, Tho M. Luong, 9/2009

Diagnostic Radiology - RAD 4001, Gerald J. Hopkins Jr., 11/2009

Diagnostic Radiology - RAD 4001, Hanna Yoon, 11/2009

Diagnostic Radiology - RAD 4001, Zachary S. Jones, 11/2009

Diagnostic Radiology - RAD 4001, Amber M. Morse, 2/2010

Diagnostic Radiology - RAD 4001, Christopher T. Miller, 2/2010

Diagnostic Radiology - RAD 4001, Isaac B. Goins, 2/2010

Diagnostic Radiology - RAD 4001, LeeAnn E. Sloan, 2/2010

Diagnostic Radiology - RAD 4001, Justin H. Booth, 4/2010

**Graduate Students**

Maria del Pilar Guzman, MD, 5/2014-6/2014

**Postdoctoral Research Fellows**

N/A

**Clinical Residents and Fellows**

Rotating residents, 2009-present

Thoracic Imaging Fellow, 2010-present

**Other Supervisory Teaching**

N/A

**Teaching Outside Current Institution**

**Formal Teaching**

**Courses Taught**

N/A

**Training Programs**

N/A

**Other Formal Teaching**

Lecturer, Lines and Stripes, Baylor

8/2014

**Supervisory Teaching**

**Committees**

**Advisory Committees**

N/A

**Supervisory Committees**

N/A

**Examining Committees**

N/A

**Direct Supervision**

**Undergraduate and Allied Health Students**

N/A

**Medical Students**

N/A

**Graduate Students**

N/A

**Postdoctoral Research Fellows**

N/A

**Clinical Residents and Fellows**

N/A

**Other Supervisory Teaching**

N/A

**CONFERENCES AND SYMPOSIA**

**Organization of Conferences/Symposia (Include chairing session)**

N/A

**Presentations at National or International Conferences**

**Invited**

Solitary pulmonary nodule, Radiological Seminar of Antioquia, Medellin, Colombia, 11/2001

Mesothelioma, Laboratorio de Respiracion del Instituto de Investigaciones de la Altura, Lima, Peru, 7/18/2004

PET/CT utility in lung cancer, InterAmerican Congress of Radiology, Santiago, Chile, 10/2010

Mediastinal masses, Radiological Seminar of Antioquia, Medellin, Colombia, 11/2011

Utility of PET/CT in lung cancer, Radiological Seminar of Antioquia, Medellin, Colombia, 11/2011

Mediastinal masses, oncology imaging: Diagnostic and intervention seminary, Fundacion Valle del Lili, Cali, Colombia, 4/2012

New staging of lung cancer, oncology imaging: Diagnostic and intervention seminary, Fundacion Valle del Lili, Cali, Colombia, 4/2012

Solitary pulmonary nodule, oncology imaging: Diagnostic and intervention seminary, Fundacion Valle del Lili, Cali, Colombia, 4/2012

Aspiration, Interamerican College of Radiology, San Salvador, El Salvador, 10/2012

Mediastinal masses, Interamerican College of Radiology, San Salvador, El Salvador, 10/2012

Thoracic blunt trauma, Interamerican College of Radiology, San Salvador, El Salvador, 10/2012

Esophageal carcinoma, Clinica Colsanitas Symposium, Bogota, Colombia, 9/6/2013

Lung cancer: Staging for imaging, Clinica Colsanitas Symposium, Bogota, Colombia, 9/6/2013

RECIST in chest malignancies, Clinica Colsanitas, Simposio, Bogota, Colombia, 9/6/2013

Cases presentation, Laboratorio de Respiracion del Instituto de Investigaciones de la Altura, Lima, Peru, 7/18/2014

Imaging evaluation of subsolid nodule, Laboratorio de Respiracion del Instituto de Investigaciones de la Altura, Lima, Peru, 7/18/2014

Lung cancer, imaging staging, Laboratorio de Respiracion del Instituto de Investigaciones de la Altura, Lima, Peru, 7/18/2014

Mediastinal masses, Laboratorio de Respiracion del Instituto de Investigaciones de la Altura, Lima, Peru, 7/18/2014

Utility of PET/CT in thoracic malignancies, Laboratorio de Respiracion del Instituto de Investigaciones de la Altura, Lima, Peru, 7/18/2014

Esophageal Imaging evaluation in lung cancer, National Radiology Meeting, Lima, Peru, 10/24/2014

PET/CT in evaluation of thoracic malignancies, National Radiology Meeting, Lima, Peru, 10/24/2014

Subsolid nodule: Imaging evaluation, National Radiology Meeting, Lima, Peru, 10/24/2014.

Pitfalls and Limitations in non-small cell lung cancer staging, Lima, Peru, 6/12/2015

Sonia Betancourt. Subsolid nodule: Imaging characterization, International course in oncologic radiology, Lima, Peru, 6/13/2015

Sonia Betancourt. Thoracic emergencies in oncologic patients, International course in oncologic radiology, Lima, Peru, 6/13/2015

#### **Other, Including Scientific Exhibitions**

Godoy M, Viswanathan C, Bruzzi J, Truong MT, **Betancourt SL**, Welsh Hofstetter W, Marom E. Multimodality imaging evaluation of esophageal cancer: Staging, therapy assessment and complications, American Roentgen Ray Society, 5/2011

Palacio D, **Betancourt SL**, Godoy M, Truong MT. Imaging of solitary non-neoplastic pulmonary masses, European Society of Thoracic Imaging, 6/2011

**Betancourt SL**, Palacio D, Benveniste M, Godoy M, Marom E. Complications and imaging interpretation of pitfalls following chest radiation therapy, Radiological Society of North America 97th Scientific Assembly and Annual Meeting, 11/2011

Benveniste M, **Betancourt SL**, Palacio D, Godoy M, Marom E. New era of radiotherapy: an update in radiation-induced lung disease, Radiological Society of North America 97th Scientific Assembly and Annual Meeting, 11/2011

**Betancourt SL**, Palacio D, Benveniste MF, Marom EM. Complications and imaging interpretation of pitfalls following chest radiation therapy, European Radiology Society Annual Meeting, 3/2013

**Betancourt SL**, Palacio D, Boonsirikamachai P, Martinez S. Aspiration diseases: From the expected to the unexpected, American Roentgen Ray Society Annual Meeting, 5/2013

**Betancourt SL**, Palacio D, Truong MT, deGroot P, Marom EM, Erasmus J. RECIST 1.1 Response evaluation in thoracic malignancies, American Roentgen Ray Society Annual Meeting, 5/2013

deGroot P, Godoy M, **Betancourt SL**, Truong MT, Ko J, Munden R. The postoperative chest: Pulmonary resections, American Roentgen Ray Society, 5/2013

**Betancourt SL**, Palacio DM, Carter BW, Martinez S, Benveniste MK, Truong MT. CT and PET/CT assessment of complications after chemo and radiation therapy in esophageal carcinoma, Radiological Society of North America 99th Scientific Assembly and Annual Meeting, Chicago, IL, 12/2013

Palacio DM, Hofstetter WL, Correa AM, **Betancourt SL**, Marom EM. Diagnosing leak after esophagectomy for esophageal cancer by CT-esophageal protocol (CTEP) and standard esophagram (SE): Is the old school still the best school, Radiological Society of North America 99th Scientific Assembly and Annual Meeting, Chicago, IL, 12/2013

**Betancourt SL**, Hofstetter WL, Correa AM, Mawlawi OR, Palacio DM, Marom EM. Prognostic value of metabolic tumor volume in patients with esophageal carcinoma, Radiological Society of North America 99th Scientific Assembly and Annual Meeting, Chicago, IL, 12/2013

Carter BW, **Betancourt SL**, Godoy MC, Mawlawi OS, Marom EM, Truong MT. The role of PET/CT in assessing response to therapy in lung cancer, Radiological Society of North America 99th Scientific Assembly and Annual Meeting, Chicago, IL, 12/2013

Martinez SJ, Christenson MLR, Walker CM, Kunin JR, **Betancourt SL**, Pettavel PP. Thoracic metastases from gynecological neoplasms: How they differ from other metastases, specific patterns of spread, and pitfalls in imaging interpretation, Radiological Society of North America 99th Scientific Assembly and Annual Meeting, Chicago, IL, 12/2013

Francis AM, Correa AM, **Betancourt SL**, Kim JY, Sepesi B, Ajani JA, Komaki R, Erasmus JJ, Maru DM, Mehran RJ, Rice DC, Roth JA, Vaporciyan AA, Walsh GL, Hofstetter WL, Swisher SG. Esophageal tumor thickness on computed tomography as a predictor of residual tumor in esophageal adenocarcinoma following preoperative chemoradiation, 9th Annual Academic Surgical Congress, San Diego, CA, 2/2014

**Betancourt SL**, Palactio D, Truong MT, Carter BW, Erasmus JJ. RECIST 1.1 Response evaluation criteria in thoracic solid tumors, Society of Thoracic Radiology meeting, San Antonio, TX, 3/2014

**Betancourt SL**. Solitary Plasmocytoma, Radiological Society of North America 99th Scientific Assembly and Annual Meeting, Chicago, IL, 3/16/2014

Baxi A, Restrepo CS, McCarthy MJ, Mumbower AL, Katre RS, **Betancourt SL**, Vargas D, Saboo SS. An Overview of Uncommon Primary Pulmonary Tumors: An Imaging Spectrum Beyond Lung Cancer with Histopathological Correlation, Radiological Society of North America, Chicago, IL, 12/2014

Carter BW, Benveniste MF, **Betancourt SL**, de Groot PM, Sorensen J, Lichtenberger JP, Abbott GF. Breaking Down the Wall: Malignant Neoplasms of the Chest Wall and Distinguishing Imaging Features, Radiological Society of North America, Chicago, IL, 12/2014

**Betancourt SL**, Palacio DM, Benveniste MF, Carter BW, de Groot PM, Erasmus J. Lung Cancer: Limitations and Imaging Pitfalls in Multimodality Staging, Radiological Society of North America, Chicago, IL, 12/2014

Benveniste MF, Gomez DR, Carter BW, **Betancourt SL**, de Groot PM, Marom EM. Proton Therapy: What the Diagnostic Radiologist Needs to Know, Radiological Society of North America, Chicago, IL, 12/2014

**Betancourt SL**, Weissferdt A, Palacio DM, Carter BW, Marom EM. Tracheal Lumps and Bumps: The Good, the Bad and the Unusual, Radiological Society of North America, Chicago, IL, 12/2014

Benveniste MF, Truong M, **Betancourt SL**, Carter BW, Sabloff B, Benveniste AP, Ma JF, Fellman BM, Marom EM. Comparison between CT and MRI in the Preoperative Evaluation of Thymic Epithelial Neoplasms, Society of Thoracic Radiology, Carlsbad, CA, 3/2015

Carter BW, Palacio D, Truong M, **Betancourt SL**. Imaging assessment after multimodality therapy in esophageal carcinoma, Society of Thoracic Radiology Annual Meeting, Carlsbad, CA, 3/2015

**Betancourt SL**, Palacio DM, Carter BW. Unusual tracheal tumors: A review, European society of thoracic Imaging(ESTI), Barcelona, Spain, 6/2015.

**Betancourt SL**, Martinez-Jimenez S, Palacio D, Hofstetter WL; Carter , Marom E; Soft tissue and chest wall reconstruction after intrathoracic oncological resection, Radiological Society of North America, Chicago, IL, 11/2015.

**Betancourt SL** de Groot PM, Benveniste MK, Wu CC, Palacio D, Hofstetter WL, Marom E. Does FDG-PET/CT has a value in detecting recurrence of esophageal carcinoma, Radiological Society of North America, Chicago, IL, 11/2015.

**Betancourt SL**, Martinez-Jimenez S, Carter B. Beyond the ordinary: The other esophageal tumor. American Roentgen Ray Society Annual Meeting, 4/2016

**Seminar Invitations from Other Institutions**

New staging of lung cancer and PET/CT in lung cancer, Hospital de la Samaritana, Bogota, Colombia, 10/27/2010

New staging of lung cancer and PET/CT in lung cancer, Hospital de la Santa Creu, Barcelona, Spain, 5/2011

Mediastinal masses, Hospital de la Samaritana, Bogota, Colombia, 11/2011

Pulmonary nodule, Hospital de la Samaritana, Bogota, Colombia, 11/2011

Cases presentation, Clinica Reina Sofia, Bogota, Colombia, 4/1/2014

Imaging evaluation of mediastinal masses, Clinica Reina Sofia, Bogota, Colombia, 4/1/2014

Esophageal carcinoma, Clinica Reina Sofia, Bogota, Colombia, 4/2/2014

**Lectureships and Visiting Professorships**

Aspiration Disease, Hospital de la Samaritana, Bogota, Colombia, 1/2013

Radiologic Evaluation of the Mediastinal Masses, Hospital de la Samaritana, Bogota, Colombia, 1/2013

Radiologic Evaluation of the Mediastinum, Hospital de la Samaritana, Bogota, Colombia, 1/2013

Mediastinal Masses, Centro de Imagenes, Bogota, Colombia, 7/2014

Cases presentation, Instituto Nacional de Enfermedades Neoplasicas, Lima, Peru, 6/12/2015

Aspiration Disease, International Teleconference Program, Bogota, Colombia, 8/11/2015

Pitfalls and Limitation in Non-Small Cell Lung cancer Staging, Hospital de San Jose, Bogota, Colombia, 8/11/2015

Cases Presentation, Clinica Colombia, Organizacion Sanitas, Bogota, Colombia, 8/12/2015.

**Other Presentations at State and Local Conferences**

N/A

**PROFESSIONAL MEMBERSHIPS/ACTIVITIES**

**Professional Society Activities, with Offices Held**

**National and International**

American Roentgen Ray Society  
Member, 2010-present

Radiological Society of North America  
Member, 2010-present

Society of Thoracic Radiology  
Member, 2011-present

International Association for the Study of Lung Cancer  
Member, 2012-present

**Local/State**

N/A

**UNIQUE ACTIVITIES**

N/A

**DATE OF LAST CV UPDATE**

12/20/2015