# ­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Luis J. Herrera MD\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# *Address:* Orlando Health Cancer Institute

#  1400 South Orange Avenue MP-760, Orlando, Florida 32806.

# *E-Mail:* Luis.Herrera@orlandohealth.com

# *Tel*: (Office)(407) 648-5384; (Cell)(407) 401-2703

# *FAX:* (321) 872-7754

#

## Professional Appointments:­­­­ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

◘ ***Staff, Division of Thoracic Surgery*, *July 2006 to July 2011.***

MD Anderson Cancer Center-Orlando and Orlando Health, Orlando, Florida

◘ ***Section Head, Division of Thoracic Surgery, July 2011 to Present.***

Orlando Health, Orlando, Florida.

◘ ***Interim Chair, Division of Surgical Oncology, July 2016 to July 2021.***

Orlando Health Cancer Institute, Orlando Health, Orlando, Florida.

***Academic Appointments:***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

◘ ***Affiliate Clinical Assistant Professor of Surgery, Department of Surgery, May 2014 to Present.***

University of Florida School of Medicine, Gainesville, Florida.

◘ ***Adjunct Assistant Professor of Surgery, Department of Thoracic and Cardiovascular Surgery, July 2006 to 2013.***

University of Texas- MD Anderson Cancer Center, Houston, Texas.

◘ ***Volunteer Assistant Professor of Surgery and Anatomy, August 2008 to Present.***

The University of Central Florida- College of Medicine, Orlando, Florida.

◘***Clinical Assistant Professor Surgery, June 2009 to Present***

Florida State University College of Medicine, Tallahassee, Florida.

***Administrative Appointments and Committees:*** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

◘ ***Section Head, Division of Thoracic Surgery, January 2011 to Present.***

Orlando Health Cancer Institute

◘ ***Chief Quality Officer- Oncology Service Line, January 2016 to 2019.***

Orlando Health

◘ ***Co-Director Advanced Robotic Surgery Center January 2016 to Present.***

Orlando Health

◘ ***Medical Director- Rod Taylor Thoracic Care Center, July 2007 to Present.***

Orlando Health

◘ ***Medical Director-Multi-Disciplinary Clinic Service Lines (GI surgery, Plastic surgery, Head and Neck surgery, Thoracic Surgery, Thoracic Oncology), May 2012 to Present.***

UF Health Cancer Center at Orlando Health

◘ ***Chairman- Department of Thoracic Surgery, January 2017 to January 2021.***

Orlando Health/Orlando Regional Medical Center

◘ ***Interim Chair, Division of Surgical Oncology, July 2016 to July 2021.***

Orlando Health Cancer Institute, Orlando Health, Orlando, Florida.

◘ ***Vice Chairman Medical Staff Leadership July 2013 to 2016.***

Orlando Health

◘ ***Member Orlando Regional Medical Center Leadership Council*** ***July 2013 to Present.***

Orlando Health

◘ ***Member Perioperative Services Governance Council*** ***October 2013 to Present.***

Orlando Health

◘ ***Vice-Chairman Perioperative Services Governance Council*** ***July 2016 to 2018.***

Orlando Health

◘ ***Chairman Perioperative Services Governance Council*** ***July 2018 to Present.***

Orlando Health

◘ ***Member and Past***-***Chairman, Surgical Block Subcommittee, Perioperative Services Governance Council***

Orlando Health

◘ ***Chairman/Chief Quality Officer Cancer Service Line, January 2012 to 2019.***

UF Health Cancer Center at Orlando Health

◘ ***Chairman-Robotic Surgery Quality/Steering Committee, January 2012 to 2015.***

Orlando Health/Orlando Regional Medical Center

◘ ***Member –Collaborative Quality Advisory Council January 2012 to November 2013.***

Orlando Health/Orlando Regional Medical Center

◘ ***Cancer Liaison Physician- Commission on Cancer, American College of Surgeons January 2010 to 2014.***

Orlando Health Oncology Program, UF Health Cancer Center at Orlando Health

◘ ***Member Oncology Policy and Planning Committee, July 2007 to 2014.***

Orlando Health Oncology Program, UF Health Cancer Center at Orlando Health

◘ ***Member and Chair Quality of Registry and Physician Data, July 2010 to January 2014.***

Orlando Health Oncology Program, UF Health Cancer Center at Orlando Health

◘ ***Member Surgical Quality Committee, July 2009 to 2014.***

Orlando Health/Orlando Regional Medical Center, Orlando, Florida.

◘ ***Member Southwest Oncology Group (SWOG) Executive Lung Committee. 2012***

SWOG Lung Committee

## Education and Training:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

### ◘ Cardiothoracic Surgery Residency, General Thoracic Track 2004-2006:

### University of Texas M. D. Anderson Cancer Center / Texas Heart Institute, Houston, TX

◘ ***Thoracic Surgery Research Fellowship 2001-2002***.

Division of Thoracic Surgery. University of Pittsburgh, Pittsburgh, PA

### ◘ General Surgery Residency 1998- 2004:

# University of Pittsburgh, Pittsburgh, PA

### ◘ Doctor in Medicine 1994-1998:

# University of Puerto Rico School of Medicine, Medical Sciences Campus, San Juan, PR

### ◘ Bachelor in Science, Biology Major 1990-1994:

# University of Puerto Rico, Rio Piedras Campus, San Juan, PR

## Certifications/Additional Training\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

◘ Center of Excellence Society of Robotic Surgery 2018

◘ Master Surgeon Certificate, Society of Robotic Surgery 2018

◘ Intuitive Surgical Epicenter Surgeon: Thoracic Surgery

◘ Fellow American College of Surgeons

◘ Board certified: American Board of Surgery; October 2005-2017

 ◘ Board certified: American Board of Thoracic Surgery; June2007-Present

 ◘ Certified Intuitive Surgical Robotic Surgery- Epicenter

◘ Medical License State of Florida

◘ Advanced Trauma Life Support Instructor 1999-2004

◘ Advanced Physician Leader Program Orlando Health and Rollins College June-December 2016

◘ Director American Society of Thoracic Surgeons Graham Foundation Robotics Fellowship Course August and September 2016.

## Professional Organizations:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 ◘ Fellow American College of Surgeons

◘ Member, Society of Thoracic Surgeons

 ◘ Member, Southern Thoracic Surgical Association

 ◘ Member, General Thoracic Surgical Club

 ◘ Member, Society of Robotic Surgery

◘ Member, European Society of Thoracic Surgery

◘ Member, Eastern Cardiothoracic Surgical Society

◘ Member, International Association for the Study of Lung Cancer (IASLC)

 ◘Member, International Society of Diseases of the Esophagus

◘ Member, Society of Surgical Oncology

 ◘ Past Member, Society of Laparo-endoscopic Surgeons

◘ Member, “Cooley Hands” Society; 2006.

◘ Member, Denton A. Cooley Cardiovascular Surgical Society; 2004.

***Academic Honors:***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Postgraduate:***◘ Chief Resident Thoracic Surgery- M.D. Anderson Cancer Center 2005

◘ Member, Cooley Hands Cardiovascular Surgical Society

 ◘ Member of the review committee for the educational online

 curriculum of the Thoracic Surgery Directors Association

◘ Minority Scholar Award in Cancer Research from American Association in Cancer Research and the National Cancer Institute 2002

◘ Finalist 2002 Paul C. Sampson Resident Manuscript Competition at the

Western Thoracic Surgical Association

◘ Resident representative, Residency Committee of the Department of Surgery, University of Pittsburgh 1999-2004

◘ Member, University of Pittsburgh Medical Center Safety and Quality Control Committee 2001-2002

***Medical School:***◘ Alpha Omega Alpha Honor Society 1997 to present (Junior AOA)

 ◘ Suma cum laude graduate

◘ Recipient Academic Merit Tuition Award (Yearly award given to

 top 5% of medical school class) (1995-1998)

 ◘ Member and Treasurer Medical School Student Council 1996-1998

 ◘ All-American Scholar Award

***Undergraduate:***◘ Magna cum laude graduate

 ◘ Member, Honor Student Academic Track curriculum of the U.P.R.

◘ Research Assistant Department of Ecology (1993-1994) investigating patterns of reforestation in abandoned fields. Co-author in two peer reviewed publications.

## Research Interests:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

◘ Molecular diagnosis of lung cancer

◘ Multimodality therapy of esophageal and lung cancer

◘ Minimally invasive and robotic thoracic surgery

◘ Complex resections lung cancer

## Editorial Review:­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

◘ Annals of Thoracic Surgery- Guest Reviewer

◘ Society of Thoracic Surgeons- Guest Reviewer Annual Meetings

◘ Asian Annals of Thoracic Surgery- Guest Reviewer

◘C-SATS: Video Reviewer Robotic Thoracic Surgery

## Funding/Research Awards:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

◘ Co-Investigator: Bankhead-Coley Cancer Research Program, New Investigator Research Grant (Grant# 09BN-01)

 “Nanoceria: A Novel Nanoparticle Adjuvant Therapy to Increase the Efficacy of Radiotherapy for Lung Cancer Patients” 2009-2011.

◘ NIH Minority Supplement Grant from the National Cancer Institute

“The Role of Hepatocyte Growth Factor/Scatter Factor Pathway in the Progression of

 Esophageal Adenocarcinoma” 2001-2002.

◘ United States Surgical Corporation: Resident Research Grant 2001-2002.

“Prognostic Significance of Hepatocyte Growth Factor and Met Tyrosine Kinase

 Receptor Overexpression in Esophageal Cancer” 2001-2002.

***Publications:***\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Peer Reviewed Journals:***

1. **Herrera LJ,** Escalon J, Johnston M, Sanchez A, Sanchez R, Mogollon I. “Development of a robot-assisted thoracic surgery program. Lessons learned after 2,500 cases”

-Journal of Robotic Surgery 2022 June.

1. Sanchez A, **Herrera LJ,** Teixeira A, Mogollon I, Inchausti C, Gibson D, Stuart M and Crespo M. “Robotic surgery: Financial impact of surgical trays optimization in bariatric and thoracic surgery”

-Journal of Robotic Surgery 2022 April. 17: 163-167.

1. Kent MS, Hartwig MG, Vallieres E, Abbas A, Cerfolio RJ, Dylewski MR, Fabian T, **Herrera LJ** et al. “Pulmonary Open, Robotic and Thoracoscopic Lobectomy (PORTaL) Study: An Analysis of 5,721 Cases.”

-Annals of Surgery 2023 March 277(3): 528-533.

1. Nguyen DM, Sarkaria IS, Song C, Reddy RM, Villamizar N, **Herrera LJ,** Shi L, Liu E, Rice D, Oh DS. “Clinical and economic comparative effectiveness of robotic-assisted, video-assisted thoracoscopic and open lobectomy”

-J Thor Dis 2020 Mar. 12(3): 676-8.

1. Patel S, Nasser W, Khan R, **Herrera L** “Bilateral pulmonary nodules in apatient with extensive autoimmune disease”

-Thorax 2019 Nov. 74(11): 1089-90.

1. Brito Filho F, **Herrera L**, DaSilva M. "Training program in robotic thoracic surgery.”

-J Vis Surg 2018; 4:229.

1. **Herrera LJ.** “Robotic-Assisted Left Upper Lobectomy in Non-Small Cell Lung Cancer with N1 Disease.”

-April 2018. [doi:10.25373/ctsnet.6123011](https://doi.org/10.25373/ctsnet.6123011.v1).

1. Sudhakar D, Nelson L, **Herrera L.** “Chest wall malignant peripheral nerve sheath tumor in a 21-year old female”

-Asian Cardiovasc Thorac Ann 2014 Feb 11. (E pub ahead of print)

1. **Herrera LJ.** Invited Commentary on “Metastasectomy of Adrenocortical Carcinoma”

**-**Annals of Thoracic Surgery 2011 Oct; No. 92(4): 1201.

1. Maddipatla S; Pennock G; Magill MJ Jr; Nasser NM; **Herrera LJ.** “A Rare Case of Endobronchial Amelanotic Melanoma”

-Journal of Thoracic Oncology 2011 Mar; 6(3):643-4.

1. Maliakal P; Abdelrahim M; Sankpal UT; Maliakal C; Baker CH; Safe S; **Herrera LJ**; Abudayyeh A; Kaja S; Basha R. “Chemo preventive Effects of Tolfenamic Acid Against Esophageal Tumorigenesis in Rats”

-Investigational New Drugs 2012 June; No. 30 (3):853-61.

1. Madero-Visbal RA; Colon JF; Hernandez IC; Limaye A; Smith J; Lee CM; Arlen PA; **Herrera L**; Baker CH. “Bioluminescence Imaging Correlates with Tumor Progression in an Orthotopic Mouse Model of Lung Cancer”

-Surgical Oncology 2010 Mar; No. 21(1):23-9.

1. **Herrera LJ.** Invited Commentary on “Early Intrapulmonary Recurrence after Pulmonary Metastasectomy Related to Colorectal Cancer”.

-Annals of Thoracic Surgery 2010 Aug; No. 90(2): 404-5.

1. **Herrera LJ.** Editorial: **“**Extent of Lymphadenectomy in Esophageal Cancer: How Many Lymph Nodes Is Enough?”

**-**Annals of Surgical Oncology 2010 Mar; No. 17(3):676-8.

1. Colon J; Basha MR; Madero-Visbal R; Konduri S; Baker CH; **Herrera LJ**; Safe S; Sheikh-Hamad D; Abudayyeh A; Alvarado B; Abdelrahim M. “Tolfenamic Acid Decreases c-Met Expression Through Sp Proteins Degradation and Inhibits Lung Cancer Cells Growth and Tumor Formation in Orthotopic Mice”

-Invest New Drugs. 2009 Oct 23. [Epub ahead of print]

1. Papineni S; Chintharlapalli S; Abdelrahim M; Lee SO; Burghardt R; Abudayyeh A; Baker C; **Herrera L**; Safe S. “Tolfenamic Acid Inhibits Esophageal Cancer Through Repression of Specificity Proteins and c-Met”

-Carcinogenesis 2009 Jul; No. 30(7):1193-201.

1. Colon J; **Herrera L**; Smith J; Patil S; Komanski C; Kupelian P; Seal S; Jenkins DW; Baker CH. “Protection from Radiation-Induced Pneumonitis Using Cerium Oxide Nanoparticles”

-Nanomedicine 2009 Jun; No. 5(2):225-3.

1. Kupelian PA; Forbes A; Willoughby TR; Manon RR; Meeks SL; **Herrera L**; Johnston A, Herran JJ. “Implantation and Stability of Metallic Fiducials within Pulmonary Lesions”

-Int J Radiat Oncol Biol Phys 2007 Nov; No. 69(3): 777-85.

1. **Herrera LJ**; Correa AM; Vaporciyan AA, Hofstetter WL, Rice DC, Swisher SG, Walsh GL, Roth JA and Mehran RJ “Increased Risk of Aspiration and Pulmonary Complications after Lung Resection in Head and Neck Cancer Patients”

**-**Annals of Thoracic Surgery 2006 Dec; No. 82(6): 1982-7.

1. **Herrera LJ**; Davis, J; Livesay JJ “Popliteal Vein Aneurysm Presenting as a Popliteal Mass: A Case Report”

-Texas Heart Institute Journal 2006; No. 33(2): 246-8.

1. **Herrera LJ;** El-Hefnawy T;Queroz- de Oliveira P; Raja S; Finkelstein SE; Gooding W; Luketich JD; Godfrey TE; Hughes SJ “The HGF Receptor c-Met is Overexpressed in Esophageal Adenocarcinoma”.

-Neoplasia 2005 Jan; No. 7(1): 75-84.

1. **Herrera LJ**; Raja S; Gooding WE; El-Hefnawy T; Kelly L; Luketich JD and Godfrey TE “Quantitative Analysis of Circulating Plasma DNA Levels as a Tumor Marker in Patients with Thoracic Malignancies”

-Clinical Chemistry 2005. Jan; No. 51(1): 113-18.

1. **Herrera LJ**; Fernando HC; Perry Y; Christie NA; Buenaventura P; Luketich JD “Radiofrequency Ablation of Pulmonary Malignant Tumors in Nonsurgical Candidates”

-Journal of Thoracic and Cardiovascular Surgery 2003 April; No. 4(125): 929-37.

1. **Herrera LJ**; Lugo-Vicente H “Primary Embryonal Rhabdomyosarcoma of the Breast in an Adolescent Female: a Case Report”

-Journal of Pediatric Surgery 1998 Oct; No. 10(33):1582-84.

***Book Chapters:***

1. **Herrera LJ**; Walsh GL “Surgical Management of Residual Disease in Mediastinal Germ Cell Tumors with Normal Markers” Book chapter in “Difficult Decisions in Thoracic Surgery” Editor Mark K. Ferguson. Springer-Verlag, New York. 2007.
2. Herrera LJ; Vaporciyan AA “Surgical Treatment of Squamous Cancer of the Esophagus”. Book Chapter in “Advanced Therapy in Surgical Oncology”. Editors: Pollock PE; Curley SA; Ross MI B.C. Decker, Ontario. 2007.
3. **Herrera LJ**; Fernando HC; Luketich JD “Radiofrequency Ablation for Pulmonary Tumors” Book Chapter in “Radiofrequency Ablation for Cancer: Current Indications, Techniques and Outcomes” Editors Ellis LM; Curley SA; Tanabe KK Springer-Verlag, New York 2004.

***Presentations/Scientific Abstracts:***

1. **Herrera LJ,** Schumacher LY, Hartwig MG, Bakhos CT, Reddy RM, Vallières E, Kent MS. “Pulmonary Open, Robotic and Thoracoscopic Lobectomy (PORTaL) Study:

Perioperative outcomes and risk factors for intraoperative conversion during minimally invasive lobectomy”

AATS 102nd annual meeting. Oral presentation May 2002, Boston MA.

1. **Herrera LJ** “Robotic Bronchoscopy”

AATS 102nd annual meeting. Oral invited speaker presentation May 2002, Boston MA.

1. Baig MZ, Razi S, Musim Z, Agabeng-Dadzie K, **Herrera L**, Weber J, Connery C and Bhora F. “Robotic Lobectomy Demonstrates a Lower Rate of Conversion to Thoracotomy than VATS Lobectomy”

STS Annual Meeting Poster Presentation January 2021.

1. **Herrera LJ,** Moreno O, Wherley E et al. “500 Consecutive Robotic Lobectomies: Perioperative and Oncologic Outcomes”

Oral Presentation. 57th Eastern Cardiothoracic Surgical Society Meeting Naples FL October 2019.

1. **Herrera LJ** “Standardizing Robotic Surgery is a Better Approach”

Plenary Session Oral Presentation. 57th Eastern Cardiothoracic Surgical Society Meeting Naples FL October 2019

1. **Herrera LJ** “Robotic Approach in Surgical Treatment of Lung Cancer” 1st International Symposium of Lung Cancer, October 2018 Fortaleza, Brazil.
2. **Herrera LJ** “New Advances in Thoracic Surgery: Robotic Approach” 9th Annual Congress Spanish Society of Thoracic Surgery (SECT), San Sebastian, Spain May 2018.
3. **Herrera LJ** “Technical Aspects of Robotic Assisted Thoracic Surgery” Guest speaker. Washington University School of Medicine, Division of Thoracic Surgery April 2018.
4. **Herrera LJ** “Adoption of Robotic Assisted Thoracic Surgery” Guest speaker. Vanderbilt University, Division of Thoracic Surgery March 2018.
5. **Herrera LJ** “Transition for VATS to Robotic Lobectomy” Intuitive Surgical Japan with animal lab course October 2017, Tokyo, Japan.
6. **Herrera LJ** “Transition to Robotic Lobectomy: Lessons Learned” 5th Thoracic Oncology Congress Clinica Alemana October 2017 Santiago, Chile.
7. **Herrera LJ** “Robotic Approach for Locally Advanced Lung Cancer” AIACT Ibero American Society of Thoracic Surgeons October 2017, Puebla, Mexico.
8. **Herrera LJ ‘**Technical Aspects of Robotic Lobectomy” AATS Graham Foundation Fellowship August 2017 Sunnyvale CA
9. **Herrera LJ** “Robotic Surgery in Latin America” LAF Masters J&J. August 2017 Orlando Florida
10. **Herrera LJ** “Thymoma and Mediastinal Tumors: Robotic vs VATS” LAF Masters J&J. August 2017 Orlando Florida
11. **Herrera LJ** “Technical Aspects of Lymphadenectomy: Robotic vs VATS” LAF Masters J&J. August 2017 Orlando Florida
12. **Herrera LJ** “Advances in Minimally Invasive Esophagectomy” 3rd Annual GI Symposium in Minimally Invasive Surgery July 2017, San Jose, Costa Rica.
13. **Herrera LJ** “Robotic Approach for Locally Advanced Lung Cancer” Brazilian Society of Thoracic Surgeons May 2017, Rio de Janeiro, Brazil.
14. **Herrera LJ** “Transition for VATS to Robotic Lobectomy: Clinical and Economic Impact” Intuitive Innovation Summit 2016, San Diego, California
15. **Herrera LJ** “Minimally Invasive Lung Cancer Surgery in the Era of Robotic Surgery”5th Symposium of Thoracic Oncology (NOT) 2016, Rio de Janeiro, Brazil.
16. **Herrera LJ** “Robotic Surgery, VATS and Navigation: Round table” Latin American Lung Cancer Conference” LALACA 2016, Panama City, Panama.
17. **Herrera LJ** “Innovations in Lung Cancer Diagnostics and Therapeutics” December 2015. Invited speaker. 1st Global Men Health Summit, Panama City, Panama.
18. **Herrera LJ** “Transitions from VATS to Robotic Lobectomy”January 2015. Invited Speaker for Intuitive Surgical, Society of Thoracic Surgeons Annual Meeting.
19. **Herrera LJ** “Surgery of the Airways”. July 2010. Department of Surgery Grand Rounds, Orlando Regional Medical Center, Orlando FL.
20. **Herrera LJ** “Surgery of the Esophagus” September 2009. Invited speaker, Annual Scientific Meeting Panamerican Medical Association. Palm Coast, FL.
21. **Herrera LJ** “Esophageal Cancer: A Surgeons Perspective” July 2008. Department of Surgery Grand Rounds, Orlando Regional Medical Center, Orlando, FL.
22. **Herrera LJ** “Robotic Surgery” September 2008. Invited speaker, Annual Scientific Meeting Panamerican Medical Association. Palm Coast, FL.
23. **Herrera LJ** “Update in Lung Cancer Surgery” September 2007. Invited speaker, Annual Scientific Meeting Panamerican Medical Association. Sarasota, FL.
24. **Herrera LJ** “Esophageal Inhibition Through Repression of Specificity Proteins and c-Met”. Oral Presentation, 2009 M. D. Anderson Cancer Center Orlando Research Symposium: Personalized Cancer Therapy. October 2009, Burnham Institute for Medical Research, Lake Nona, FL.
25. Mehran RJ; **Herrera LJ**; Correa AM; Vaporciyan AA, Hofstetter WL, Rice DC, Swisher SG, Walsh GL, Roth JA MD “The Effect of Radiotherapy and Surgery for Head and Neck Malignancies on the Postoperative Outcome of Patients with Metachronus Lung Carcinoma”. Oral Presentation, American Radium Society 88th Annual Meeting, May 2006, Maui, HI.
26. **Herrera LJ**; Correa AM; Vaporciyan AA, Hofstetter WL, Rice DC, Swisher SG, Walsh GL, Roth JA and Mehran RJ “Increased Risk of Aspiration and Pulmonary Complications after Lung Resection in Head and Neck Cancer Patients” Poster Presentation, Trainee Recognition Day, M.D. Anderson Cancer Center, May 2006, Houston, TX.
27. **Herrera LJ**; Correa AM; Vaporciyan AA, Hofstetter WL, Rice DC, Swisher SG, Walsh GL, Roth JA and Mehran RJ “Increased Risk of Aspiration and Pulmonary Complications after Lung Resection in Head and Neck Cancer Patients” Oral presentation, 42nd Annual Meeting Society of Thoracic Surgeons, January 2006, Chicago, IL.
28. **Herrera LJ**; Raja S; El-Hefnawy T; Luketich JD; Godfrey TE “Quantitative PCR Evaluation of Plasma DNA Levels in Thoracic Malignancies” Poster presentation. 94th Annual Meeting American Association for Cancer Research July 2003 Washington, DC. Proceedings Volume 44, 2nd Edition. Abstract #1528
29. El-Hefnawy T; **Herrera LJ**; Chedwick L; Raja S; Finkelstein S; Luketich JD; Godfrey TE; Hughes SJ “Met Tyrosine Kinase Overexpression in Esophageal Adenocarcinoma and its Down-regulation by COX-2 Inhibitors” Poster presentation. 94th Annual Meeting American Association for Cancer Research July 2003 Washington, DC. Proceedings Volume 44, 2nd Edition. Abstract # 2279
30. Raja S; Mascarenhas BA; **Herrera LJ**; Rao U; Gupta D; Edington H; Kirkwood J; Hughes SJ; Godfrey TE “Molecular Staging of Sentinel Lymph Nodes in Patients with Melanoma by Quantitative RT-PCR” Poster presentation. 94th Annual Meeting American Association for Cancer Research July 2003 Washington, DC. Proceedings Volume 44, 2nd Edition. Abstract # 4427
31. **Herrera LJ;** El-Hefnawy T; Raja S; Finkelstein SE; Luketich JD; Godfrey TE and Hughes SJ “Met Proto-oncogene is Overexpressed in Esophageal Adenocarcinoma” Oral Presentation, Cardiothoracic Symposium, Annual Meeting Association Academic Surgery, Boston, MA November 7-9, 2002.
32. **Herrera LJ;** Fernando HC; Perry Y; Gooding W; Buenaventura P; Christie NA; Luketich JD “Radiofrequency Ablation of Pulmonary Malignancies in Non-Surgical Candidates” Oral presentation, Finalist paper Paul C. Sampson Resident Manuscript Competition. 82nd Annual Western Thoracic Surgical Association, June 2002. Big Sky, Montana.
33. **Herrera LJ**; Mascarhenas B; Chedwick L; Kelly L; Edington H; Gooding W; Gupta D; Rao U and Godfrey TE “Rapid, Quantitative RT-PCR for Intra-operative Molecular Detection of Metastasis to Sentinel Lymph Nodes in Melanoma” Oral presentation, 93rd Annual Meeting American Association for Cancer Research April 2002, San Fransisco, CA
34. **Herrera LJ;** Fernando HC; Perry Y; Buenaventura P; Christie NA; Ferson P; Luketich JD “Feasibility of Percutaneous Radiofrequency Ablation of Peripheral Lung Tumors” Alvelo-Rivera M.; Poster presentation, Annual Lung Cancer Meeting, June 2002, Honolulu, HI.
35. Mora EM; **Herrera LJ** “An Update of Cancer in Puerto Rico: Recent Database Analysis of Two Major Cancer Hospitals” Dept. of Surgery and Pathology U.P.R. School of Medicine. Oral presentation, Surgical Forum Annual Meeting of P.R. Chapter of the American College of Surgeons Feb 1998, San Juan, PR.

## Demographics:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Birthplace:***◘ Rio Piedras, Puerto Rico. December 13, 1972.

***Citizenship/Residence:***◘U.S. citizen, Maitland Florida.

***Family:***◘ Wife: Jeanne

 Daughter: Victoria, 18 years old, and Adriana, 14 years old

***Language:*** ◘ Bilingual in English and Spanish

## Career Goals: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

◘ Academic general thoracic surgery focused on thoracic surgical oncology, minimally invasive and robotic surgery. I am also interested in healthcare quality improvement, healthcare strategy and perioperative services administration.

Updated 3/15/23

**

*Luis J Herrera M.D.*