CURRICULUM VITAE

Adriana Ramirez, MD, MPH

**Version date:** 08/08/2023

**Proposed for:** Appointment to Assistant Professor, Department of Surgery, Clinical Track

**Term:** Primary Appointment: beginning 09/01/2023

**School:** Yale School of Medicine

**Education:**

08/2005-05/2009 BS, Anthropology and Human Biology, Emory University, Atlanta, GA

BS, Biology, Emory University, Atlanta, GA

08/2009-05/2013 MD, Medical University of South Carolina, Charleston, SC

08/2016-05/2017 MPH, Harvard TH Chan Public Health School (HSPH), Boston, MA

**Career/Academic Appointments:**

07/2013-06/2014 Intern, General Surgery, University of Virginia Medical Center, Charlottesville, VA

07/2014-06/2015 Junior Resident, General Surgery, University of Virginia Medical Center, Charlottesville, VA

07/2015-06/2016 Postdoctoral Fellow in Surgery, General Surgery, University of Virginia, Charlottesville, VA

07/2017-06/2018 Postdoctoral Fellow in Surgery, General Surgery, University of Virginia, Charlottesville, VA

07/2018-06/2021 Senior Resident, General Surgery, University of Virginia Medical Center, Charlottesville, VA

08/2022-07/2023 Fellow, Department of Surgery, Emory University, Atlanta, GA

09/2023-present Assistant Professor, Department of Surgery, Yale School of Medicine, New Haven, CT

**Administrative Positions:**

**Board Certification:**

2021-2023 American Board of Surgery

**Professional Honors & Recognition:**

***International/National/Regional***

2013 Alpha Omega Alpha, Medical University of South Carolina, Charleston, SC

***University***

2005 James B Edwards Scholarship, Medical University of South Carolina, Charleston, SC

2016 Dean’s Global Graduate Medical Award, University of Virginia, Charlottesville, VA

2021 Martin Luther King Health System Award, University of Virginia, Charlottesville, VA

**Grant/Clinical Trials History:**

***Current Grants:***

***Current Clinical Trials:***

***Past Grants***

Agency: University of Virginia GME

ID#: GME Innovations Grant

Title: Validation of the use of Sociometric© badges in healthcare: an innovative training model for inter-professional skill building and communication

PI: Florence Turrentine, RN, PhD

Percent effort: 15%

Total costs: $20,000 (includes indirects)

Project period: 12/01/2015 – 12/31/2017

***Past Clinical Trials:***

# Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated with Yale:

***International/National***

1. **“**Childhood Cancer Health System Analysis: Centers of Excellence Case Studies”. Lancet Oncology Commission 2nd Summit Meeting, Invited Presenter, Toronto, Ontario, 2017.

***Regional***

1. “Medical ‘Voluntourism’ and Models for More Sustainable Global Health Care.” University of Virginia. Grands Rounds, April 2021.

**Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale:**

***International/National***

1. **AG Ramirez,** V Muralidharan, C Weber, S Patel, R Patzer, J Sharma, N Saunders. Widening Regional Inequalities among Decreasing Utilization of Parathyroidectomy in US Dialysis Patients. American Association of Endocrine Surgeons, 43rd annual meeting, Birmingham, AL, May, 2023. (Oral presentation)
2. Fashandi AZ, **Ramirez AG,** Hanks JB, Smith PW, Potts J. New Endocrine Fellowship Programs Do Not Decrease the Endocrine Surgery Experience of Residents in Associated General Surgery Programs. American Association of Endocrine Surgeons, 41th Annual Meeting**.** Virtual, April 2020. (Poster Presentation)
3. Giles A, Kim NE, Fallah P, Ovsak G, Jayaram A, Mehta A, **Ramirez AG**, Still M, Jayaraman S. The Global Surgery Student Alliance Database: Connecting and Empowering Global Surgery Trainees. Academic Surgical Congress (ASC), 16th Annual Meeting. Orlando, Fl. Oral Presentation, February 2020. (Oral presentation)
4. Marostica E, Schon E, Muir M, Barbrow S, Lee B, **Ramirez AG**, Power-Hayes A, Force LM, Lederman S, Friedrich P, Pribnow A, Alexander T, Bhakta N, Robinson L, Frazier L. Systematic Review of Childhood Solid Tumor Survival in Low- and Middle-Income Countries. International Society of Pediatric Oncology Annual Conference. Lyon, France. October 2019. (Oral Presentation)
5. **Ramirez AG**, Zimmerman AB, Hanks JB, Smith PW, Potts J. The Ups and Downs of General Surgery Resident Experience in Endocrine Surgery: Analysis of 28 years of ACGME Graduate Case Logs. American Association of Endocrine Surgeons**.** 40th Annual Meeting. Los Angeles, CA. April 2019. (Poster Presentation)
6. **Ramirez AG**, Schneider E, Mehaffey JH, Zeiger MA, Hanks JB, Smith PW. Effect of Travel Time for Thyroid Surgery on Treatment Cost and Morbidity. Southeastern Surgical Congress Annual Scientific Meeting. Charlotte, NC. February 2019. (Oral Presentation)
7. **Ramirez AG**, Nuradin N, Syed U, Grajales V, Zeiger MA, Hanks JB, Smith PW. Malignancy Rate of FDG-PET Avid Thyroid Nodules: Results of a US-based Single Institutional Cohort. Academic Surgical Congress (ASC), 14th Annual Meeting. Houston, TX. February 2019. (Oral Presentation)
8. **Ramirez AG**, McMurry T, Turrentine FE, Tracci MA, Stukenborg G, Jones RS. Does the Medicare Hospital Value Based Purchasing Program (HVBP) Improve Value of Care among Participating General and Surgical Hospitals? ACS Annual Clinical Congress. Boston, MA. October 2018. (Oral Presentation)
9. **Ramirez AG**, Smith PW. Saved by thyroidectomy. American Thyroid Association 88th Annual Meeting. Washington DC. October 2018. (Oral Presentation)
10. **Ramirez AG**, Balkrishnan R, Camacho TF, Hedrick T, Williams MD. The ACA has Decreased Disparate Resection Rates among Underserved Colorectal Cancer Patients: A Population-Level Assessment of 2007-2014. Society of Surgical Oncology (SSO), 71st Annual Cancer Symposium. Chicago, IL. March 2018 (Poster Presentation)
11. **Ramirez AG**, Giles AE, Williams MD, Shrime MG. Understanding Surgical Service Availability in Malawi: Spatial Analysis of Country-level Coverage Rates. Academic Surgical Congress (ASC) 13th Annual Meeting. Jacksonville, FL. January 2018. (Oral Presentation)
12. Giles AE, **Ramirez AG**, Shrime MG. Development and Validation of a Composite Surgery Availability Score in Malawi. Academic Surgical Congress (ASC) 13th Annual Meeting. Jacksonville, FL. January 2018. (Oral Presentation)
13. **Ramirez AG**, Byiringiro F, Nuradin N, Ssebuufu R, Stukenborg GJ, Ntakiyiruta G, Daniel TM. Creation, Implementation and Assessment of a Transportable General Thoracic Surgical Skills Simulation Course in a Low-Middle Income Country. Southern Thoracic Surgical Association (STSA) 64th Annual Meeting. San Antonio, TX. November 2017. (Oral Presentation)
14. **Ramirez AG**, Kim H, Hu Y, Rasmussen S. Long-term Follow Up Study of a Randomized Prospective Trial on Adaptive Simulation Training (Retention Testing Results). ACS Annual Clinical Congress. San Diego, CA. October 2017. (Oral Presentation)
15. Byiringiro F, **Ramirez AG** Nuradin N, Daniel TM. Addressing Operative Volume of General Thoracic Surgery in Rwanda: A National Health Burden and Challenge to Surgical Education. Bethune Roundtable Annual Meeting. Ottawa, Ontario. June 2017. (Poster Presentation)
16. **Ramirez AG,** Tilak A, Turrentine FE, Sohn MW, Jones RS. Preoperative Esophageal Disease Increases Morbidity in Patients Undergoing Abdominal Surgery. Academic Surgical Congress (ASC), 12th Annual Meeting. Las Vegas, NV. February 2017. (Oral Presentation)
17. **Ramirez A,** Kim H, Hu Y, Rasmussen S. Long-term Follow Up Study of a Randomized Prospective Trial on Adaptive Simulation Training (Survey Results). Association for Surgical Education Annual Meeting. Boston, MA. April 2016. (Oral Presentation)
18. **Ramirez A,** Smith PW, Hanks J, Schirmer B, Turrentine FE. Implementation of an Innovative Quality In-Training Initiative (QITI) Pilot Program for Integration of QI in Surgical Education: a Single-Institutional Experience. Association for Surgical Education Annual Meeting. Boston, MA. Oral Presentation, April 2016. (Oral Presentation)
19. **Ramirez A,** Stuckenborg G, Turrentine FE, Jones RS. Stratification of Hospitals Using the Medicare Value-Based Purchasing Program and Total Performance Score. Academic Surgical Congress (ASC), 11th Annual Meeting. Jacksonville, FL. February 2016 (Oral Presentation)
20. **Ramirez AG**, Smolkin M, Wages N, Hu Y, Slingluff C. Defining the effects of age and gender on immune response and outcomes to melanoma vaccination. Academic Surgical Congress (ASC), 10th Annual Meeting. Las Vegas, NV. February 2015 (Oral Plenary Presentation)
21. **Ramirez AG**, Wages N, Yu Y, Smolkin M, Slingluff C. Defining the effects of age and gender on clinical immune response to cancer vaccination. Society for Immunotherapy of Cancer (SITC), 29th Annual Meeting. National Harbor, MD. November 2014 (Poster Presentation)

***Regional***

1. **AG Ramirez,** V Muralidharan, C Weber, S Patel, R Patzer, J Sharma, N Saunders. Widening Regional Inequalities among Decreasing Utilization of Parathyroidectomy in US Dialysis Patients. Emory University Health Services Research Day, Atlanta, GA, May, 2023. (Poster presentation)
2. **Ramirez AG**, Schneider E, Mehaffey JH, Zeiger MA, Hanks JB, Smith PW. Effect of Travel Time for Thyroid Surgery on Treatment Cost and Morbidity. Virginia Surgical Society Meeting. Richmond, VA. May 2019. (Poster Presentation)
3. **Ramirez AG**, Nuradin N, Syed U, Grajales V, Zeiger MA, Hanks JB, Smith PW. Malignancy Rate of FDG-PET Avid Thyroid Nodules: Results of a US-based Single Institutional Cohort. Virginia Surgical Society Meeting. Richmond, VA. May 2019. (Oral Presentation)
4. **Ramirez AG**, Zimmerman AB, Hanks JB, Smith PW, Potts J. The Ups and Downs of General Surgery Resident Experience in Endocrine Surgery: Analysis of 28 years of ACGME Graduate Case Logs. UVA Annual Resident Research Day. Charlottesville, VA. April 2019. (Poster Presentation)
5. Cunningham M, Guerrier JB, **Ramirez AG**, Hallowell P, Schirmer B. Impact of Preoperative Esophageal Manometry of Surgical Planning – A Single Institution Retrospective Study. UVA Annual Resident Research Day. Charlottesville, VA. April 2019. (Poster Presentation)
6. **Ramirez AG,** McMurry T, Turrentine FE, Tracci MA, Stukenborg G, Jones RS. Does the Medicare Hospital Value Based Purchasing Program (HVBP) Improve Value of Care among Participating General and Surgical Hospitals? UVA Muller Jones Society Meeting. Charlottesville, VA. April 2019. (Poster Presentation,)
7. Grabski DF, **Ramirez AG,** Smith PW, Schirmer B, Friel C. General Surgery Resident Retention Factors at an Academic Training Center. Academy of Distinguished Educators (ADE) Annual Medical Education Week. Charlottesville, VA. March 2018. (Poster Presentation)
8. **Ramirez AG**, Shada A, Gaughen J, Raghavan P, Durst C, Mukherjee S, Ornan D, Hanks J, Smith P. Decreasing Radiation of Parathyroid Computed Tomography: Do We Need the 4th Dimension? Virginia Surgical Society Meeting. Richmond, VA. May 2015 (Oral Presentation)
9. **Ramirez AG,** Jolissaint J, Hu Y, Gordon, R, Yang Z, Sawyer R. Cumulative sum and expert evaluations offer performance-driven metrics for basic upper endoscopy. UVA Department of Surgery Resident Research Day. Charlottesville, VA. April 2014 (Poster Presentation)
10. **Ramirez AG**, Lackland D. Prevalence, management, and control of hypertension, diabetes, hyperlipidemia, and mental health disorders in an underrepresented Latino population. MUSC research symposium, Charleston, SC. July 2010. (Oral Presentation)
11. **Ramirez A**, Zhang S, Marcus A. Predicting therapeutic response to LKB1 tumor suppressor status in NSCLC. Sponsored by the American Cancer Society and the SIRE Research Partner Program. Emory University Student Research Symposium, Atlanta, GA. April 2008. (Poster Presentation)

**Professional Service**

***Peer Review Groups/Grant Study Sections:***

***Journals:***

Editorial Boards

Reviewer

***Professional Organizations:***

American Association of Endocrine Surgeons

2021-present Fellow/Candidate Member

2021-present Member, DEI Committee

American College of Surgeons

2013-present Member

2018 Moderator, Global Health Competencies Course

2016 Resident Representative, ACS Leadership and Advocacy Summit

***Yale University/Hospital System:***

University Committees

Medical School Committees

Departmental Committees

### Hospital Committees

***Non-Yale University/Hospital System:***

Medical School Committees

2015 Resident Facilitator,Cabell Surgical Society**,** University of Virginia

2015 Resident Facilitator, Life-Savings Techniques Workshops**,** University of Virginia

Departmental Committees

2020 Resident Surgical Council Member, Department of Surgery, UVA

2020 Resident Lead of Simulation and Wellness Initiatives, Department of Surgery, UVA

2020 Resident Representative of the Diversity and Inclusion Education Committee and Faculty Development Committee, Department of Surgery, UVA

### Hospital Committees

2020 Executive Board Member of the GME House Staff Council on Diversity and Inclusion, UVA medical center

2015Resident Representative, Patient Safety Committee,UVA medical center

**Public Service / Media Presence:**

***Public Service:***

2023 International aid trip to Guatemala in partnership with HELPS and Emory University

2019 International aid trip to Angola with UVA and Clinical CEML and Kalukembe Hospital

2018 International aid trip to Angola with UVA and Clinical CEML and Kalukembe Hospital

2018 Judge of Global Health Scholars Symposium Poster Session**,** University of Virginia

***Media Presence:***

**Bibliography:**

***Peer-Reviewed Original Research***

1. **Ramirez AG**, McMurry TL, Turrentine FE, Tracci MA, Stukenborg GJ, Jones RS. How Total Performance Scores of Medicare Value-based Purchasing Program Hospitals Change Over Time. Journal for Healthcare Quality. 2022; 44(2):78-87. PMID 34469925
2. Fashandi AZ, Hanks JB, **Ramirez AG,** Potts JR, Smith PW. New Endocrine Fellowship Programs Do Not Decrease the Endocrine Surgery Experience of Residents in Co-Located General Surgery Programs. Surgery 2021;169(1):185-190. PMID 32771297
3. Marostica E, Barbrow S, Bhakta N, Force LM, Friedrich P, Lederman S, Lee BK, Muir M, Power-Hays A, Pribnow A, **Ramirez AG**, Shohfi E, Thomas AB, Robison LL, Frazier AL. A Systematic Review of Survival of Children with Solid Tumors in Low and Middle Income Countries. Authorea. 2020.
4. **Ramirez AG**, Fashandi AZ, Hanks JB, Smith PW, Potts JR. The Ups and Downs of General Surgery Resident Experience in Endocrine Surgery: Analysis of 30 years of ACGME Graduate Case Logs. Surgery 2020;168(4):586-593. PMID 32811696
5. Denburg A, **Ramirez AG,** Pavuluri S, Atwood E, Shah S, Alcasabas T, Antillon F, Arora R, Fuentes-Alabi S, Renner L, Lam C, Friedrich P, Maser B, Force L, Rodriguez-Galindo C, Atun R. Political Priority and Pathways to Scale-Up of Childhood Cancer Care in Five Nations. PLOS One. 2019; 14(8): e0221292 PMID 31425526
6. **Ramirez AG**, Schneider E, Mehaffey JH, Zeiger MA, Hanks JB, Smith PW\*. Effect of Travel Time for Thyroid Surgery on Treatment Cost and Morbidity. American Surgeon. 2019; 85(9): 949-955. PMID 31638505
7. Scott EM, Fallah PN, Blitzer DN, NeMoyer RE, Sifri Z, **Global Surgery Student Alliance (GSSA),** Gracias VH, Hanna JS, Peck GL. Next Generation of Global Surgeons: Aligning Interest with Early Access to Global Surgery Education. J Surg Res. 2019; 240:219-226. PMID 30986637

Collaborators through GSSA: Acker R, Aharon S, Alty I, Anyanwu C, Beck N, Brandt A, Briggs L, Caminita C, Chaet A, Chan J, Chiu L, Cueto C, Daneshdoost S, Edalatpour R, Garba D, Giles AE, Gualy S, Haider A, Hamilton C, Hauser B, He P, Im C, Jayaram A, Jhun A, Joshi A, Kahanu A, Kim NE, Kim R, Lauffer S, McHargue C, Meeks M, Mehta A, Mendoza A, Miller M, Nourian M, Ottesen T, Patel P, Peck C, Pyarali M, **Ramirez AG**, Rehman S, Shankar B, Stetson A, Still M, Tutunjian A, Yibrehu B, Yu K.

1. Tilak A, **Ramirez AG,** Turrentine FE, Sohn M, Jones RS. Preoperative GERD is Associated with Increased Morbidity in Patients Undergoing Abdominal Surgery. J Surg Res. 2018;232:587-594. PMID 30463778
2. **Ramirez AG**, Hu Y, Kim H, Rasmussen SK. Long-term skills retention following a randomized prospective trial on adaptive procedural training. J Surg Educ. 2018; 75(6):1589-1597 PMID 29803772
3. **Ramirez AG**, Nuradin N, Byiringiro F, Ntakiyiruta G, Giles A, Riviello R. General thoracic surgery in Rwanda: An assessment of surgical volume and of workforce and materials resource deficits. World J Surg. 2019; 43(1): 36-43. PMID 30132227
4. Jones RS, **Ramirez AG**, Stukenborg GJ, Tracci MC, Turrentine FE. Observations on the medicare value-based ranking of hospitals during fiscal years 2015 and 2016. [Am J Med Qual.](https://www.ncbi.nlm.nih.gov/pubmed/29888610) 2019; 34(2):136-143. PMID 30043617
5. Turrentine FE, Sohn M, Tracci MC, **Ramirez AG**, Upchurch GR, Jones RS. Individual surgeon’s contribution to value. [Am J Med Qual.](https://www.ncbi.nlm.nih.gov/pubmed/29888610) 2019; 34(1): 74-79. PMID 29888610
6. **Ramirez AG,** Nuradin N, Byiringiro F, Ssebuufu R, Stukenborg GJ, Ntakiyiruta G, Daniel TM. Creation, implementation, and assessment of a general thoracic surgery simulation course in Rwanda. Ann Thorac Surg. 2018; 105(6):1842-49. [PMID 29476717]
7. **Ramirez AG**, Tracci MC, Stukenborg GJ, Turrentine FE, Kozower BD, Jones RS. Physician-owned surgical hospitals outperform other hospitals in the medicare value-based purchasing program. J Am Coll Surg. 2016; 223(4):559-67. PMID 27502368
8. **Ramirez AG**, Shada AL, Martin AN, Raghavan P, Durst CR, Murkerjee S, Gaughen JR, Ornan DA, Hanks JB, Smith PW. Clinical efficacy of 2-phase versus 4-phase computed tomography for localization in primary hyperparathyroidism. Surgery. 2016; 160(3):731-7. PMID 27302106
9. Gillen JR, **Ramirez AG**, Farineau BA, Hoke TR, Schirmer BD, Williams MD, Lau CL. Using interdisciplinary workshops to educate surgery residents in systems-based practice. J Surg Educ. 2016; 73(6):1052-1059. PMID 27372271
10. **Ramirez AG\*,** Wages N, Hu Y, Smolkin M, Slingluff C Jr. Defining the effects of age and gender on immune response and outcomes to melanoma vaccination: a retrospective analysis of a single-institution clinical trials experience. Cancer Immunol Immunother. 2015; 64(12):1531-9. PMID [26392296](http://www.ncbi.nlm.nih.gov/pubmed/26392296)
11. Hu Y, Jolissaint J, **Ramirez AG,** Gordon R, Yang Z, Sawyer R. Cumulative sum: A proficiency metric for basic endoscopic training. J Surg Res. 2014; 92(1):62-7. PMID: [24976441](http://www.ncbi.nlm.nih.gov/pubmed/24976441)

***In Press: Peer-Reviewed Original Research In Press***

***Peer-Reviewed Reviews, Practice* Guidelines, Standards, and Consensus Statements**

***Peer-Reviewed Educational Materials***

***Peer-Reviewed Case Reports and Technical Notes***

***Books***

***Chapters***

1. **Ramirez AG**, Smith PW. von Hippel-Lindau. In: Pasieka and Lee, editors. Surgical Endocrinopathies: Clinical Management and the Founding Figures. New York: Springer: 2015; p. 347-359.
2. Shridharani S, **Ramirez AG**, Mohan R, Sacks J. Latissimus Dorsi Free Flaps. In: Shokrollahi, Whitaker, and Nahai, editors The International Flap Manual: A Practical Guide for Anatomical & Clinical Dissection of Flaps for Reconstructive Surgery. Germany: Thieme Medical Publishers 2016; p. 175-184.

***Commentaries, Editorials, and Letters***