

# **CURRICULUM VITAE**

**Jessica Long Castilho, MD, MPH**

## **PERSONAL INFORMATION**

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## **EDUCATION/TRAINING:**

May 2003 Bachelor of Arts in Social Thought & Analysis and Biology  
Summa Cum Laude  
Washington University in St. Louis  
St. Louis, MO

May 2007 Master of Public Health  
Concentration: Epidemiology & Biostatistics  
Johns Hopkins University Bloomberg School of Public Health  
Baltimore, MD

May 2008 Doctor of Medicine  
Johns Hopkins University School of Medicine  
Baltimore, MD

## **POST-GRADUATE TRAINING**

July 2008 – June 2011 Residency in Internal Medicine  
Department of Medicine  
Vanderbilt University School of Medicine  
Nashville, TN

July 2011 – February 2015    Fellowship in Infectious Diseases  
   Division of Infectious Diseases  
   Vanderbilt University School of Medicine  
   Nashville, TN

**LICENSURE AND BOARD CERTIFICATION**

May 2011 – present            State of Tennessee Medical License, #47550

2011-2021                      Diplomate in Internal Medicine, #326207  
   American Board of Internal Medicine

2013 – present                Diplomate in Infectious Diseases, #326207  
   American Board of Internal Medicine

**ACADEMIC APPOINTMENTS**

July 2012 – June 2014        Chief Fellow  
   Division of Infectious Diseases  
   Vanderbilt University Medical Center  
   Nashville, TN

Feb. 2015 – June 2015        Instructor of Medicine  
   Division of Infectious Diseases  
   Vanderbilt University School of Medicine  
   Nashville, TN

Feb. 2015 – June 2015        Medical Director  
   International Travel Clinic  
   Vanderbilt University Medical Center  
   Nashville, TN

July 2015 – present            Assistant Professor of Medicine  
   Division of Infectious Diseases  
   Vanderbilt University School of Medicine  
   Nashville, TN

July 2020 – present            Assistant Professor of Health Policy  
   Vanderbilt University School of Medicine  
   Nashville, TN

**PROFESSIONAL ORGANIZATIONS**

2012-present                 Member, Infectious Diseases Society of America

2013-present                 Member, International AIDS Society

## **PROFESSIONAL ORGANIZATIONS**

### **Intramural:**

August 2003-June 2004	Counselor HIV Counseling and Testing Johns Hopkins University School of Medicine
August 2004-June 2005	Member, Co-founder Women's Health Interest Group Johns Hopkins University School of Medicine
August 2004-June 2005	Member, Co-chair American Medical Women's Association Johns Hopkins University School of Medicine
June 2012-June 2014	Council Member Housestaff Advisory Council Vanderbilt University School of Medicine
June 2012-June 2013	Member Infection Control & Prevention Regulatory Subcommittee Vanderbilt University School of Medicine
June 2012-June 2013	Committee Member Fellowship Program Oversight Committee Division of Infectious Diseases Vanderbilt University School of Medicine
June 2012-present	Committee Member Education Committee Division of Infectious Diseases Vanderbilt University School of Medicine
July 2013-present	Member Translational Bridge Seminar Series for MD and PhD investigators completing training and establishing their careers Vanderbilt University School of Medicine
Nov. 2014-present	Member Women on Track Vanderbilt University School of Medicine
Dec. 2014-2016	Working Group Member Aging and Infectious Diseases Working Group Vanderbilt University School of Medicine

- June 2015-present           Member  
The Elliot Newman Society  
Vanderbilt University School of Medicine
- March 2018                   Reviewer  
Tennessee Center for AIDS Research  
Developmental Core Award Application Reviewer  
Vanderbilt University School of Medicine
- June 2019-present           Member  
The Eric Neilson Society  
Vanderbilt University School of Medicine
- March 2020-present         Steering Committee Member  
The Eric Neilson Society  
Vanderbilt University School of Medicine
- March 2020-present         Resident Research Liaison for Division of Infectious Diseases  
Internal Medicine Residency Program  
Vanderbilt University School of Medicine

**Extramural:**

- September 2015           Contributing Author - Websites & Blogs  
“Thoughts about prevention in HIV and aging.” HIVmidTN.org, available  
at [http://www.hivmidtn.org/](http://www.hivmidtn.org/blog/health-news/hiv-aging-jessica-castilho-nhaaad) blog/health-news/hiv-aging-jessica-castilho-  
nhaaad
- 2016-present               Cancer Working Group Member  
International epidemiology Databases to Evaluate AIDS (IeDEA)
- 2018-present               Cancer Working Group Member  
North American AIDS Cohort Collaboration on Research and Design  
(NA-ACCORD)
- 2018-present               Aging Working Group Member  
North American AIDS Cohort Collaboration on Research and Design  
(NA-ACCORD)
- 2020-present               Aging Working Group Chair  
Caribbean, Central, and South America network for HIV Epidemiology  
(CCASAnet)
- 2021-present               Cancer Working Group Co-Chair  
International epidemiology Databases to Evaluate AIDS (IeDEA)

**Ad hoc reviewer:**

2013-	Journal of Antimicrobial Chemotherapy
2015-	PLoS One
2015-	International Journal of STDs & AIDS
2015-	Journal of Acquired Immune Deficiency Syndromes
2016-	Infectious Agents & Cancer
2016-	International Immunopharmacology
2017-	AIDS
2018-	International Journal of Cancer
2018-	Clinical Infectious Diseases
2019-	AIDS Research & Human Retroviruses
2020-	Open Forum Infectious Diseases
2020-	AIDS Care
2020-	Lancet HIV

**INTERNATIONAL EXPERIENCE**

Jan.-Feb. 2008	Elective in HIV/AIDS Research Rakai Health Sciences Program Uganda
April 2008	Clinical Elective in Primary Care Santa Lucia, Honduras
Oct. 2013	Elective in HIV/AIDS Research Instituto Nacional de Infectologia Evandro Chagas Rio de Janeiro, Brazil

**OTHER PROFESSIONAL ACTIVITIES**

July 2012-June 2013	Coordinator Quality Improvement Project: In-patient Infectious Diseases Teaching Curriculum
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Division of Infectious Diseases  
Vanderbilt University School of Medicine

July 2016 Participant  
Butler-Williams Scholars Program, National Institute on Aging  
Bethesda, MD

November 2017 Participant  
Early Stage Investigator Workshop  
National Centers for AIDS Research Meeting  
Washington, DC

### **HONORS/AWARDS**

Aug. 2001–May 2003 Florence Moog Scholarship  
Washington University  
St. Louis, MO

May 2003 Ethan A. H. Shepley Award  
For leadership, scholarship, and service to the campus community  
Washington University  
St. Louis, MO

Aug. 2003–May 2004 Edwards A. Park Medical Scholarship  
Johns Hopkins University School of Medicine  
Baltimore, MD

Aug. 2004–May 2005 Ferdinand O. Reinhard Medical Scholarship  
Johns Hopkins University School of Medicine  
Baltimore, MD

October 2007 Infectious Diseases Society of America Edward Kass Award  
San Diego, CA

May 2008 Medical Student Research Award  
Johns Hopkins University School of Medicine  
Baltimore, MD

February 2015 Young Investigator Award  
22<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections  
Seattle, WA

2015 Outstanding Fellow Award  
Division of Infectious Diseases  
Vanderbilt University Medical Center  
Nashville, TN

Oct. 2017-Aug. 2019 National Institutes of Health Loan Repayment Program  
Oct. 2020-Aug. 2022

## **TEACHING ACTIVITIES**

### **Undergraduate courses & lectures:**

- Dec. 2009, Nov. 2014      Guest Lecturer  
“HIV & Brazil”  
Vanderbilt University undergraduate course History of Brazil  
Vanderbilt University
- March 2019                  Guest Lecturer  
“HIV/AIDS: Crisis and Public Health Policy”  
Vanderbilt University undergraduate course Brazil: Past, Present, and  
Future  
Vanderbilt University
- September 2019            Guest Lecturer  
“HIV and Brazil: Contemporary Challenges”  
Faculty Roundtable Discussion HIV/AIDS in Brazil: Politics, Policy, and  
Public Health for Vanderbilt University’s Brazil Week  
Vanderbilt University
- September 2020            Guest Lecturer  
“COVID-19 and Brazil”  
Faculty Roundtable Discussion for Vanderbilt University’s Brazil Week  
Vanderbilt University

### **School of Medicine courses & lectures:**

- January 2011                Internal Medicine Senior Residency Talk  
“Health Care Reform 2010: The Promises, Compromises, & Controversies  
of the Affordable Care Act,”  
Vanderbilt University School of Medicine
- January 2013                Organizer  
Core Curriculum Task Force  
Division of Infectious Diseases Fellowship Program  
Vanderbilt University School of Medicine
- April 2014, Sept.2014      Internal Medicine Residency Program Ambulatory Morning Report  
“When do I order... A lecture on useful laboratory tests in infectious  
diseases,”  
Vanderbilt University School of Medicine
- May 2015                    Infectious Diseases Core Curriculum for Clinical Fellows in Infectious  
Diseases  
“HIV & Cancer,”  
Vanderbilt University School of Medicine





Vanderbilt University School of Medicine

- October 2020 Southeast AIDS Education and Training Center Training Module  
“Aging with HIV: Improving both healthspan & lifespan,”  
Vanderbilt University School of Medicine
- January 2021 Department of Medicine Grand Rounds  
“The Story of Dolutegravir and Neural Tube Defects: Global Health,  
Pharmacovigilance, and Health Equity,”  
Vanderbilt University School of Medicine

**Clinical Teaching:**

- July 2015-present Faculty Advisor  
Division of Infectious Diseases Journal Club Seminar Series
- July 2015-present Organizer  
Weekly Antiretroviral Therapy Case Conference  
Vanderbilt Comprehensive Care Clinic
- December 2018-present Research Faculty Advisor  
Division of Infectious Diseases Fellowship Program
- May 2020-present COVID-19 Update & Teaching  
Weekly Antiretroviral Therapy Case Conference  
Vanderbilt Comprehensive Care Clinic
- June 2020-present Resident Research Liaison  
Division of Infectious Diseases  
Vanderbilt University Medical Center Department of Medicine

**INVITED TALKS**

- September 2020 HIV Clinical Forum 2020 Conference (virtual)  
“INSTI use in people with HIV and co-morbidities”  
Salvador, Brazil
- September 2020 HIV Clinical Forum 2020 Conference (virtual)  
“Weight gain, genetics, and INSTI use: Considerations for selecting  
therapy”  
Salvador, Brazil

**RESEARCH PROGRAM**

- June 2006-May 2007 Grant, NIH T32 RR023253  
Program to Train Predoctoral Students in Clinical Research Training

July 2012-June 2014	Grant, NIH T32 AI07474 Vanderbilt Infection Pathogenesis and Epidemiology Research Training
Nov. 2012-Oct. 2013	Vanderbilt Institute for Clinical and Translational Research study award: Hormonal Contraception and Risk of Non-AIDS-Defining Events, VR 5439, \$3,200
July 2014-June 2015	NIH U01 AI069923 Supplement, 50% effort Supplement to The Caribbean, Central and South America network for HIV epidemiology (CCASAnet): Validation and Epidemiologic Study of Non-communicable Diseases in HIV-infected persons receiving combination antiretroviral therapy in Brazil
July 2015-Feb. 2016	NIH HD043483, 80% effort Vanderbilt University Medical Center Building Interdisciplinary Research Careers in Women's Health K12 Award: Sex Disparities in Aging and Immune Senescence in HIV-Infected Adults
March 2016-Feb. 2022	NIH AI1202875, 75% effort K23 Career Development Award: The dynamics of HIV, aging, and T lymphocyte exhaustion
March 2016-May 2020	VR10917, \$283,558 Vanderbilt Institute for Clinical and Translational Research pilot study award: The dynamics of HIV, aging, and T lymphocyte senescence (to complement K23 funding)
March 2017- Feb. 2019	Doris Duke PARTNERS Program, \$20,881
July 2017 - June 2026	NIH U01 AI069923, Co-investigator 15% effort (no salary) The Caribbean, Central and South America network for HIV epidemiology (CCASAnet),
July 2018-June 2019	NIH U01 AI069923 Supplement, Co-investigator 3% effort Supplement to The Caribbean, Central and South America network for HIV epidemiology (CCASAnet): Dolutegravir and pregnancy outcomes among ART-recipients in Brazil
Sept. 2018-August 2021	NCI P30 CA068485 Supplement, Project director 5% effort (no salary) Supplement to Vanderbilt-Ingram Cancer Center support grant: Immunosenescence and lung cancer risk in adults living with HIV.
March 2019-Feb. 2024	NIH R01 AI142095(PI: S. Kalams), Co-investigator 5% effort Single cell molecular analysis of influenza vaccine responses in elderly individuals.
June 2021-Dec. 2022	CDC5U50 CK000198(PI: W. Schaffner), Project-PI 25% effort State of Tennessee Emerging Infections Program (continuously funded by the CDC since 1999)

Population based surveillance of high-grade cervical intraepithelial neoplasia (CIN) and HPV types to monitor HPV vaccine impact (HPV IMPACT)

## **PUBLICATIONS AND PRESENTATIONS**

### Manuscripts published in refereed journals:

1. **Long JL**, Engels EA, Moore, RD, Gebo KA. Incidence and outcomes of malignancy in the HAART era in an urban cohort of HIV-infected individuals. *AIDS*. 2008 Feb 19;22(4):489-96.
2. Pettit AC, Kropski JA, **Castilho JL**, Schmitz JE, Rauch CA, Mobley BC, Wang XJ, Spires SS, Pugh ME. The Index Case for the Fungal Meningitis Outbreak in the United States. *New England Journal of Medicine*. 2012 Nov 29;367(22):2119-25.
3. **Castilho JL**, Melekhin VV, Sterling TR. Sex differences in HIV outcomes in the HAART Era: a systematic review. *AIDS Research and Human Retroviruses*. 2014 May;30(5):446-56.
4. Shaver CM, **Castilho JL**, Cohen DN, Miller GG, Grogan EL, Lambright ES, Dummer JS, Loyd JE, Gray JN, Robbins IM. Fatal *Scopulariopsis* Infection in a Lung Transplant Recipient: Lessons of Organ Procurement. *American Journal of Transplantation*. 2014 Dec;14(12):2893-7.
5. **Castilho JL**, Luz, PM, Shepherd BE, Ribeiro SR, Turner M, Bebawy S, Netto JS, McGowan CC, Veloso VG, Engels EA, Sterling TR, Grinsztejn B. HIV and Cancer: a comparative study of Brazilian and U.S. clinical cohorts. *Infectious Agents and Cancer*. 2015 Feb 2: 10-4.
6. **Castilho JL**, Jenkins C, Shepherd BE, Bebawy S, Turner M, Sterling TR, Melekhin VV. Hormonal contraception and risk of psychiatric and other non-communicable diseases in HIV-infected women. *Journal of Women's Health*, 2015 Jun;24(6):481-8.
7. **Castilho JL**, Levi JE, Luz PM, Cambou MC, Vanni T, Andrade A, Derrico M, Veloso VG, Grinsztejn B, Friedman RK. A cross-sectional study of high-risk human papillomavirus clustering and cervical outcomes in HIV-infected women in Rio de Janeiro, Brazil. *BMC Cancer*. 2015 Jun 23; 15:478.
8. **Castilho JL**, Shepherd BE, Koethe J, Turner M, Bebawy S, Logan J, Rogers WB, Raffanti S, Sterling TR. CD4+/CD8+ ratio, age, and risk of serious noncommunicable diseases in HIV-infected adults on antiretroviral therapy. *AIDS*. 2016 Mar 27;30(6):899-908.
9. Coelho L, Grinsztejn B, **Castilho JL**, De Boni RB, Quintana M, Campos DP, Ribeiro SR, Pacheco AG, Veloso VG, and Luz PM. Mortality in HIV-infected women, heterosexual men, and men who have sex with men in Rio de Janeiro, Brazil: an observational cohort study. *Lancet HIV*. 2016 Aug 17. pii: S2352-3018(16)30052-2. doi: 10.1016/S2352-3018(16)30052-2.
10. Shiels MS, Althoff KN, Pfeiffer RM, Achenbach CJ, Abraham AG, **Castilho JL**, Cescon A, D'Souza G, Dubrow R, Eron JJ, Gebo K, Gill MJ, Goedert JJ, Grover S, Hessol NA, Justice A, Kitahata M, Mayor A, Moore RD, Napravnik S, Novak RM, Thorne JE, Silverberg MJ, Engels EA. HIV infection, immune suppression and age at diagnosis of non-AIDS-defining cancers. *Clin Infect Dis*. 2017 Feb 15;64(4):468-475.
11. AIDS-defining Cancer Project Working Group for IeDEA and COHERE in EuroCoord, Comparison of Kaposi Sarcoma Risk in Human Immunodeficiency Virus-Positive Adults Across 5 Continents: A Multiregional Multicohort Study. *Clin Infect Dis*. 2017 Oct 15;65(8):1316-1326.
12. Carriquiry G, Giganti MJ, **Castilho, JL**, Jayathilake K, Cahn, P, Grinsztejn B, Cortes C, Pape JW, Padgett D, Sierra Madero J, McGowan CC, Shepherd BE, Gotuzzo E. "Virologic failure and Mortality in older ART initiators in a multisite Latin American and Caribbean cohort." *J Int AIDS Soc*. 2018 Mar;21(3):e25088.
13. Fink VI, Jenkins C, **Castilho JL**, Shepherd BE, Grinsztejn B, Sierra Madero J, Cortes C, Padgett P, Cesar C, Perez H, Jayathilake K, McGowan CM, Cahn P. Long term survival after cancer diagnosis in HIV patients from Latin America. *Infect Agent Cancer*. 2018 May 8;13:16.

14. Caro-Vega Y, Belaunzarán-Zamudio PF, Crabtree-Ramírez B, Shepherd BE, Mejia F, Giganti MJ, Patterson P, Grinsztejn B, Wolff M, Pape JW, Padgett D, **Castilho JL**, McGowan C, Sierra-Madero JG. Trends in proportion of older HIV-infected people in care in Latin America and the Caribbean: a growing challenge. *Epidemiol Infect.* 2018 Jul;146(10):1308-1311.
15. Hughes RA, May MT, Tilling K, Taylor N, Wittkop L, Reiss P, Gill J, Schemers P, Costagliola D, Cuest JL, Lima VD, D'Arminio Monforte, Smith C, Cavassini M, Saag M, **Castilho JL**, J Sterne. Long term trends in CD4 cell counts, CD8 cell counts, and the CD4:CD8 ratio: ART Cohort Collaboration (ART-CC) Study. *AIDS.* 2018 Jun 19;32(10):1361-1367.
16. Coelho L, Rebeiro PF, **Castilho JL**, Caro-Veja Y, Meija FA, Cesar C, Cortes CP, Padgett D, McGowan CC, Veloso VG, Sterling TR, Grinsztejn B, Shepherd BE, Luz PM. Early retention in care does not mediate or moderate effect of sex and sexual behavior on HIV survival in the Americas. *AIDS Patient Care STDs.* 2018 Aug;32(8):306-313.
17. Grover S, Desir F, Jing Y, Bhatia RK, Trifiletti DM, Swisher-McClure S, Kobie J, Moore RD, Shiels M, Rabkin C, Silverberg MJ, Salters K, Mathews C, Gill MJ, Thorne J, **Castilho JL**, Kitahata MM, Justice A, Hornberg MA, Achenbach CJ, Mayor A, Althoff KN. Reduced cancer survival among adults with HIV and AIDS defining illnesses despite no difference in cancer stage at diagnosis. *J Acquir Immune Defic Syndr.* 2018 Sep 5.
18. The AIDS-defining Cancer Project Working Group of IeDEA and COHERE in EuroCoord, Non-Hodgkin lymphoma risk in adults living with HIV across five continents: a multicohort study. *AIDS.* 2018 Nov 28;32(18):2777-2786
19. **Castilho JL**, Escuder MM, Veloso V, Gomes JO, Jayathilake K, Ribeiro S, Souza RA, Ikeda ML, de Alencastro PR, Tupinanbas U, Brites C, McGowan CC, Grangeiro A, Grinsztejn B. Trends and predictors of non-communicable disease multimorbidity among adults living with HIV and receiving antiretroviral therapy in Brazil. *J Int AIDS Soc.* 2019 Jan;22(1):e25233.
20. Oliver C, Rebeiro PF, Hopkins MJ, Byram B, Carpenter L, Clouse K, **Castilho JL**, Rogers W, Turner M, Bebawy SS, Pettit AC. Substance Use, Demographic and Socioeconomic Factors Are Independently Associated With Postpartum HIV Care Engagement in the Southern United States, 1999-2016. *Open Forum Infect Dis.* 2019 Jan 19;6(2):ofz023.
21. Bourgi K, Rebeiro PF, Turner M, **Castilho JL**, Hulan T, Raffanti SP, Koethe JR, Sterling TR. Enhanced weight gain in HIV-positive treatment naïve patients starting dolutegravir-based therapy. In press at *Clin Inf Dis.* 2019 May 17.
22. **Castilho JL**, Turner, M, Shepherd BE, Koethe JR, Furukawa SS, Bofill CE, Raffanti S, Sterling TR. CD4/CD8 ratio and CD4 nadir predict mortality following non-communicable disease diagnosis in adults living with HIV. *AIDS Research & Human Retroviruses*, 2019 Oct;35(10):960-967.
23. **Castilho JL**, Rebeiro PF, Shepherd BE, Jenkins CA, Nash R, Adams RS, Turner M, Furukawa SS, Hulan TM, Koethe JR, Sterling TR. Mood disorders & increased risk of non-communicable diseases in adults aging with HIV. *J Acquir Immune Defic Syndr.* 2020 Jan 3.
24. Rohner E, Bütikofer L, Schmidlin K, Sengayi M, Maskew M, Giddy J, Taghavi K, Moore RD, Goedert JJ, Gill MJ, Silverberg MJ, D'Souza G, Patel P, **Castilho JL**, Ross J, Sohn A, Bani-Sadr F, Taylor N, Pappas V, Bonnet F, Verbon A, Vehreschild JJ, Post FA, Sabin C, Mocroft A, Dronda F, Obel N, Grabar S, Spagnuolo V, Quiros-Roldan E, Mussini C, Miro JM, Meyer L, Hasse B, Konopnicki D, Roca B, Barger D, Clifford GM, Franceschi S, Egger M, Bohlius J. Cervical cancer risk in women living with HIV across four continents: A multicohort study. *Int J Cancer.* 2020 Feb 1;146(3):601-609.
25. Belaunzarán-Zamudio PF, Caro-Vega Y, Giganti MJ, **Castilho JL**, Crabtree-Ramire BEz, Shepherd BE, Mejía F, Cesar C, Moreira RO, Wolff M, Pape JW, Padgett D, McGowan CC, Sierra-Madero JG. Frequency of non-communicable diseases in a prospective, observational cohort of people 50 years of age and older receiving HIV care in Latin America. *PLoS One.* 2020;15(6):e0233965.
26. Boettiger DC, Escuder MM, Law MG, Veloso V, Souza RA, Ikeda MLR, de Alencastro PR, Tupinambás U, Brites C, Grinsztejn B, Gomes JO, Ribeiro S, McGowan CC, Jayathilake K,

- Castilho JL**, Grangeiro A. Cardiovascular disease among people living with HIV in Brazil. *Trop Med Int Health*. 2020 Jul;25(7):886-896.
27. Pereira GFM, Kim A, Jalil EM, Fonseca FF, Shepherd BE, Veloso VG, Rick, Ribeiro R, Pimenta MC, McGowan CC, Benzaken A, Grinsztejn B\* & **Castilho JL\*** on behalf of the National Cohort Study of Dolutegravir and Pregnancy Outcomes in Brazil. Dolutegravir and pregnancy outcomes among women on ART in Brazil. *Lancet HIV*. 2021 Jan;8(1):e33-e41. (\*co-senior author)
28. **Castilho JL**, Kim A, Jenkins CA, Grinsztejn B, Gotuzzo E, Fink V, Padgett D, Belaunzara-Zamudio PF, Crabtree-Ramírez B, Escuder MM, Souza RA, Tenore SB, Pimentel SR, Rodrigues Ikeda ML, de Alencastro PR, Tupinanbas U, Brites C, Luz E, Netto J, Cortes CP, Grangeiro A, Shepherd BE, McGowan CC on behalf of the Caribbean, Central and South America network for HIV Epidemiology (CCASAnet). Antiretroviral therapy and Kaposi's sarcoma trends and outcomes among adults with HIV in Latin America. *J Int AIDS Soc*. 2021 Jan;24(1):e25658.
29. Smiley CL, Rebeiro PF, Cesar C, Belaunzaran-Zamudio PF, Crabtree-Ramirez B, Padgett D, Gotuzzo E, Cortes CP, Pape J, Veloso VG, McGowan CC, **Castilho JL** on behalf of the Caribbean, Central and South America network for HIV epidemiology (CCASAnet). Life expectancy gains among adults with HIV with Antiretroviral Therapy in Latin America. In press, *Lancet HIV*. 2021 May;8(5):e266-e273. Epub 2021 Apr 20. PMID: 33891877
30. Luz PM, Jalil EM, **Castilho J**, Velasque L, Ramos M, Ferreira AG, Ferreira AL, Wilson EC, Veloso VG, Thombs BD, Moodie EM, Grinsztejn B. Role of discrimination, violence and resilience on depression symptoms among transgender women in Rio de Janeiro, Brazil: a cross-sectional analysis. In press, *Transgender Health* (4/2021)

Manuscripts under review in refereed journals:

- Sackey E, Pemmaraju M, Griffin MR, **Castilho JL**. Impact of prior underinsurance on cervical cancer screening among women in Davidson County, Tennessee, diagnosed with invasive cervical cancer, 2008-2018. Under review, 5/2021
- Blankenship S, Pemmaraju M, Mitchel E, Markus TM, Griffin MR, **Castilho JL**. Administrative data improves quality of public health surveillance data on cervical pre-cancer, Davidson County, Tennessee, 2013-2017. Under review, 5/2021
- Gargano JW, McClung N, Lewis RM, Park IU, Whitney E, **Castilho JL**, Pemmaraju M, Niccolai LM, Brackney M, Debess E, Ehlers S, Bennett NM, Scahill M, Cleveland AA, Querec TD, Unger ER, Markowitz LE, HPV-IMPACT Working Group. HPV type-specific trends in cervical precancers in the United States, 2008–2016. Under review, 6/2021
- **Castilho JL**, Bian, A, Jenkins CA, Shepherd BE, Sigel K, Gill J, Kitahata M, Silverberg MJ, Mayor AM, Coburn SB, Wiley D, Achenbach CJ, Marconi VC, Bosch RJ, Horberg MA, Rabkin C, Napravnik S, Novak RM, Thorne JE, Althoff KN, Moore RD, Sterling TR, Sudenga SL. Low CD4/CD8 ratio predicts cancer risk among adults with HIV. Under review, 6/2021

Book chapters:

- Thompson A, **Long JL**, Angelino AF, Treisman GJ. "Psychiatric Barriers and the International AIDS Epidemic." A chapter in *Global HIV/AIDS Medicine* by Paul A. Volberding (Editor), Merle A. Sande (Editor), Joep Lange (Editor), Warner C. Greene (Editor). Saunders, July 2007.

Poster and Oral Presentations at Scientific Meetings:

- **Long JL**, Engels EA, Moore, RD, Gebo KA. Incidence and outcomes of malignancy in the HAART era in an urban cohort of HIV-infected individuals. Oral presentation at the Infectious Diseases Society of America Annual Conference in San Diego, CA, October 2007.
- **Castilho JL**, Cohen, DN, Miller, GG, Grogan EL, Lambright ES, Dummer, JS, Loyd JE, Fosnot J, Robbins IM. Scopulariopsis infection following lung transplant: lessons of organ procurement. Poster presentation at International Society for Heart and Lung Transplantation 32<sup>nd</sup> Annual Meeting in Prague, Czech Republic, April 2012.
- **Castilho JL**, Levi JE, Luz PM, Cambou MC, Vanni T, de Andrade A, Derrico M, Veloso VG, Grinsztejn B, Friedman RK. High risk HPV clustering and cervical outcomes in HIV-infected women in Rio de Janeiro, Brazil. Poster presentation at the 22<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections in Seattle, WA, February 2015.
- **Castilho JL**, Turner M, Bebawy SS, Shepherd BE, Sterling TR. CD4/CD8 ratio, age, and risk of serious non-infectious outcomes in HIV-infected adults. Poster presentation at the 22<sup>nd</sup> Conference on Retroviruses and Opportunistic Infections in Seattle, WA, February 2015.
- **Castilho JL**, Shepherd BE, Koethe J, Turner M, Bebawy S, Logan J, Rogers WB, Raffanti S, Sterling TR. Differences in associations of CD4/CD8 ratio, sex, and age on risk of mortality in HIV-infected adults on ART. Oral presentation #16. 6<sup>th</sup> International Workshop on HIV & Aging. Washington, D.C., October 2015.
- Hopkins MJ, Byram B, Carpenter L, Clouse K, Rebeiro PF, **Castilho JL**, Rogers W, Turner M, Bebawy SS, Pettit AC. Factors associated with post-partum retention in HIV care and virologic suppression among pregnant women in prenatal care. Poster presentation at 11<sup>th</sup> International Conference on HIV Treatment and Prevention Adherence, Fort Lauderdale FL., May 2016.
- **Castilho JL**. Accelerated aging: immunosenescence & frailty in HIV-infected adults. Invited oral presentation at Vanderbilt University Translational Science Forum, Nashville, TN, October 2016.
- Fink VI, Jenkins C, **Castilho JL**, Person A, Shepherd BE, Grinsztejn B, Sierra Madero J, Cortes C, Padgett P, Cesar C, Perez H, Jayathilake K, McGowan CM, Cahn P. Survival after cancer diagnosis in an HIV-positive population in Latin America. Poster presentation at IDWeek 2016, New Orleans, LA, October 2016.
- **Castilho JL**, Turner M, Shepherd BE, Koethe JR, Bebawy SS, Bofill CE, Raffanti S, Sterling TR. Immunologic and virologic measures and mortality after NCD in HIV+ adults. Poster presentation at 24<sup>th</sup> Conference on Retroviruses and Opportunistic Infections in Seattle, WA, February 2017.
- **Castilho JL**, Escuder MM, Veloso VG, Oliveria Gomes J, Jayathilake K, Ribeiro S, Alencar Souza R, Rodrigues Ikeda ML, De Alencastro PR, Tupinanbas U, Brites C, McGowan C, Grangeiro A, Grinsztejn B. Trends and predictors of non-communicable disease multimorbidity among HIV-positive adults receiving ART in Brazil. Oral presentation at IAS 2017, Paris, France, July 2017
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- Smiley CL, Rebeiro PF, Cesar C, Belaunzaran F, Brenda Crabtree-Ramirez B, Padgett D, Eduardo Gotuzzo E, Cortes CP, Pape J, Veloso VG, McGowan CC, **Castilho JL**. Life expectancy gains with ART in Latin America, 2003-2017. Poster presentation at CROI 2020, presented virtually March 2020
- Coburn SB, Silverberg MJ, Moore RD, Mathews WC, Marcus JL, **Castilho JL**, Kitahata MM, Crane HM, Klein M, Napravnik S, Brown TT, Visvanathan K, Lau B, Althoff KN for the North American AIDS Cohort Collaboration on Research and Design (NA-ACCORD) of the International Epidemiology Databases. Breast cancer risk among women with HIV in North America (2000-2016). Poster presentation at CROI 2020, presented virtually March 2020
- Pemmaraju M, Blankenship S, Zhu Y, Sackey E, **Castilho JL**, Griffin M. Geospatial analysis of women with cervical pre-cancer in Davidson County, Tennessee, 2008-2017. Poster presentation at International Papilloma Virus Conference 2020, presented virtually July 2020
- Pemmaraju M, Sackey E, Blankenship S, **Castilho JL**, Griffin M. Cervical cancer surveillance among women in Davidson County, Tennessee, 2008-2017. Poster presentation at International Papilloma Virus Conference 2020, presented virtually July 2020
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- Bhatta M, Bian A, Norwood J, Shepherd BE, Nelson J, Ransby I, Turner M, Sterling TR, **Castilho JL**. Disparities in family planning among women living with HIV in the Southeastern US. Science Spotlight presentation at the Conference on Retroviruses and Opportunistic Infections 2021, presented virtually March 2021
- Norwood J, Jenkins CA, Bhatta M, Turner M, Bian A, Nelson J, Ransby I, Hughes D, Koethe J, Sterling TR, Shepherd BE, **Castilho JL**. Hormonal Contraception Is Associated with Increased Risk of Cardiometabolic Disease in Women Living with HIV. Oral presentation at the International Workshop on HIV & Women 2021, presented virtually April 2021.