

MARTHA CRISTINA SANCHEZ, MD

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EDUCATION

- Medical School: 08/1997-12/2002. Instituto Tecnologico de Santo Domingo (INTEC), Dominican Republic. MD, 06/ 2003

POSTGRADUATE TRAINING

- Residency: Englewood Hospital and Medical Center, Icahn School of Medicine at Mount Sinai. Englewood, NJ. Internal Medicine (Categorical). 07/2005- 06/2008
- Fellowship: Rutgers-New Jersey Medical School (former UMDNJ-NJMS). Newark, NJ. Infectious Diseases. 07/2008-6/2010

POSTGRADUATE HONORS AND AWARDS

- Recognition for work and dedication with the INTEC Ecologico program. 2003.
- Resident Leadership Award. Englewood Hospital and Medical Center. 2008
- Excellence in Ambulatory Care. Englewood Hospital and Medical Center. 2008
- Dean's Excellence in Teaching Award. Clinical Elective. Alpert Medical School at Brown University. 2018.
- The mentorship award in Diversity and Equity (MADE) in Medicine. Alpert Medical School at Brown University. 2018.
- Positive Champion of the Learning Environment. 2020
- Dominican Independence and Heritage Awards. Recognition for work during the COVID-19 pandemic. 2021.

BOARD CERTIFICATION

- American Board of Internal Medicine Certificate: 2008-2022
- American Board of Internal Medicine Certificate– Infectious Diseases 2010-2021.

MEDICAL LICENSURE

- ECFMG Certification: 02/2005
- USMLE Step 3: 4/2008
- Commonwealth of Massachusetts. Active Medical License. 2010-2016
- Rhode Island Department of Health License. 2016-current
- Bilingual clinician certification. 2016.

ACADEMIC APPOINTMENTS

- Mount Sinai Faculty Appointment. 7/1/07 to 6/30/08.
- Southcoast Health physician group. 8/2010-9/2016
- Assistant Professor at Warren Alpert School of Medicine at Brown. 2016-current.

MARTHA CRISTINA SANCHEZ, MD

- Director of the Adherence and Retention Team (ICARE) at the Immunology Center. Providence, RI. 2017-current.
- Director Brown-Dominican Republic Elective Rotation. Department of Medicine, Rhode Island Hospital. Providence, RI. 2018-current.
- Director of Diversity, Equity and Inclusion. Division of Infectious Diseases. Brown University. 2021-current.
- Providence/Boston CFAR DEIB committee. 2022.

HOSPITAL APPOINTMENTS

- Internal Medicine Resident. Englewood Hospital and Medical Center. Englewood, NJ. 2005-2008.
- Infectious Diseases Fellow. University Hospital. Newark, NJ. 2008-2010
- Infectious Diseases Fellow. Hackensack University Medical Center. Hackensack, NJ. 2008-2010
- Infectious Diseases Fellow. VA New Jersey Health Care System-East Orange. East Orange, NJ. 2008-2010
- Primary Care/ Infectious Disease Attending. Greater New Bedford Community Health Center. New Bedford, MA. 8/2010-current.
- Southcoast Health physician group. 8/2010-9/2016
- Rhode Island Hospital, The Miriam Hospital. Providence, RI. 10/2016-current.
- Newport Hospital. Newport, RI. 10/2016-current.
- Miriam Hospital. Providence, RI. 10/2016-current.

OTHER APPOINTMENTS

- Pregnancy and Postpartum Care Coordination for HIV positive Women in Rhode Island. Team Leader and Development of Protocol. 4/2017-current. Providence, RI.
- Member, Resident Selection Committee, AY 2018-2019, 2019-2020, 2020-2021.
- Internal Medicine Residency Program Director search committee. Brown University. 2021.

HOSPITAL COMMITTEES

- Quality Improvement Committee. Greater New Bedford Community Health Center. New Bedford, MD. 2010-2011.
- University Medicine Department of Medicine Steering Committee. Member. 10/2016-10/2018
- Ambulatory Quality Council at The Miriam Hospital. Co-chair. 10/2016-10/2018.

REGIONAL, NATIONAL COMMITTEES

- ACTG. Site Management and Clinical Care Committee (SMCCC) Representative to Neurology Collaborative Science Group (CSG). 2/2018-2/2020.
- ACTG. Site Management and Clinical Care Committee (SMCCC) Representative to Underrepresented Populations Committee. 2/2020-current
- CFAR Diversity Equity Inclusion and Belonging (DEIB) Initiative Co-leader. 2022

MEMBERSHIPS IN SOCIETIES

- Infectious Disease Society of America. 2008-current
- Massachusetts Medical Society. 2011- 2016

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- McCarthy M, Tao J, Lerebours A, Rodriguez C, Flanigan TP, Sanchez MC. Evaluating Barriers to Viral Suppression among People with HIV in Santiago, Dominican Republic. *J Int Assoc Provid AIDS Care*. 2022 Jan-Dec; 21:23259582221096522. doi: 10.1177/23259582221096522. PMID: 35532067; PMCID: PMC9092578.
- Dunkle LM, Kotloff KL, Gay CL, Áñez G, Adelglass JM, Barrat Hernández AQ, Harper WL, Duncanson DM, McArthur MA, Florescu DF, McClelland RS, Garcia-Fragoso V, Riesenber RA, Musante DB, Fried DL, Safirstein BE, McKenzie M, Jeanfreau RJ, Kingsley JK, Henderson JA, Lane DC, Ruíz-Palacios GM, Corey L, Neuzil KM, Coombs RW, Greninger AL, Hutter J, Ake JA, Smith K, Woo W, Cho I, Glenn GM, Dubovsky F; 2019nCoV-301 Study Group. Efficacy and Safety of NVX-CoV2373 in Adults in the United States and Mexico. *N Engl J Med*. 2022 Feb 10; 386(6):531-543. doi: 10.1056/NEJMoa2116185. Epub 2021 Dec 15. PMID: 34910859; PMCID: PMC8693692.
- Characteristics and outcomes of Hispanic/Latinx patients with coronavirus disease 19 (COVID-19) requiring hospitalization in Rhode Island: a retrospective cohort study. Macias Gil R, Touzard-Romo F, Sanchez MC, Pandita A, Kalligeros M, Mylona EK, Shehadeh F, Mylonakis E. *Ann Epidemiol*. 2021 Jun; 58:64-68. doi: 10.1016/j.annepidem.2021.03.003. Epub 2021 Mar 16.
- Remdesivir Use Compared with Supportive Care in Hospitalized Patients With Severe COVID-19: A Single-Center Experience. Markos Kalligeros, Karen T Tashima, Evangelia K Mylona, Natasha Rybak, Timothy P Flanigan, Dimitrios Farmakiotis, Curt G Beckwith, Martha Sanchez, Marguerite Neill, Jennie E Johnson, Joseph M Garland, Su Aung, Katrina M Byrd, Thomas O'Brien, Aakriti Pandita, Jad Aridi, Raul Macias Gil, Jerome Larkin, Fadi Shehadeh, Eleftherios Mylonakis. *Open Forum Infect Dis*. 2020 Aug;7(10):ofaa319. doi: 10.1093/ofid/ofaa319. eCollection 2020 Oct.
- SARS-CoV-2 and HIV coinfection: clinical experience from Rhode Island, United States. Katrina M Byrd, Curt G Beckwith, Joseph M Garland, Jennie E Johnson, Su Aung, Susan Cu-Uvin, Dimitrios Farmakiotis, Timothy Flanigan, Fizza S Gillani, Raul Macias-Gil, Maria Mileno, Bharat Ramratnam, Natasha R Rybak, Martha Sanchez, Karen Tashima, Eleftherios Mylonakis, Rami Kantor. *J Int AIDS Soc*. 2020 Jul;23(7):e25573. doi: 10.1002/jia2.25573.
- Hydroxychloroquine use in Hospitalized Patients with COVID-19: An observational matched cohort study. Markos Kalligeros, Fadi Shehadeh, Eleftheria Atalla, Evangelia K Mylona, Su Aung, Aakriti Pandita, Jerry Larkin, Martha Sanchez, Francine Touzard-Romo, Amy Brotherton, Rajeev Shah, Cheston B Cunha, Eleftherios Mylonakis. *J Glob Antimicrob Resist*. 2020 Aug 4; 22:842-844.
- Hepatitis A and B Vaccination in the United States. Martha C Sanchez. *R I Med J* (2013) 2020 Aug 3;103(6):44-46.
- Evidence of Failure of Oral Third-Generation Cephalosporin Treatment for *Shigella sonnei* Infection Jennifer P Collins, Cindy R Friedman, Meseret G Birhane, Beth E Karp, Anthony Osinski, Mary W Montgomery, Deepam Thomas, Jonathan Barkley, Martha C Sanchez, Samir Hanna, Azizat A Adediran, Jessica C Chen, Hayat Caidi, Louise Francois Watkins. *Open Forum Infectious Diseases*, Volume 7, Issue 4, April 2020.

MARTHA CRISTINA SANCHEZ, MD

- An Overview of the Rhode Island Hospital-Cabral y Baez Medical Exchange Program. Neesha Nama, Meghan McCarthy, Amanda Noska, Amos Charles, Martha Sanchez. R I Med J (2013). 2019 Sep 3;102(7):44-46.
- Osteomyelitis of the patella caused by *Legionella anisa*. Sanchez MC, Sebti R, Hassoun P, Mannion C, Goy AH, Feldman T, Mato A, Hong T. J Clin Microbiol. 2013 Aug;51(8):2791-3.
- "Polymyxin combination therapy and the use of serum bactericidal titers in the management of KPC producing *Klebsiella pneumoniae* infections: A report of 3 cases," by Eric Gomez, Martha Sanchez, Zonaira Gul, Carl M. Urban, Noriel Mariano, D. Huang, Robert Eng and T. Chiang. 2011. Case Reports in Medicine.

BOOK CHAPTER

- Mileno MD, Nau GJ, Larkin J, Sanchez MC, Garland JM, Lonks JR, Lau C. Vaccines for Travelers. Vaccinations. Elsevier. 2019

ABSTRACTS

- 49th Annual ICAAC. San Francisco, CA. Aminoglycoside resistance in *bla*_{KPC} producing *Klebsiella pneumoniae*. Tom Chiang, MD. New Jersey Health Care Systems, East Orange. NJ 2009
- 12th International Conference on HIV Treatment and Prevention Adherence. Evaluating a Multi-disciplinary Practice-based Approach to Viral Suppression and Engagement with HIV Care. Xavier Orcutt; Pranav Reddy; Christopher Botelho; Joseph Garland, MD; Martha Sanchez, MD; Fizza Gillani, PhD; Daniel Zariczny, MSW; and Aadia Rana, MD. Alpert School of Medicine at Brown University, The Miriam Hospital, Providence, RI. **2017**
- 13th International Conference on HIV Treatment and Prevention Adherence. A longitudinal analysis of housing on CD4 count, viral suppression and retention to care among HIV infected individuals in Rhode Island. Xavier Orcutt; Fizza Gillani, PhD; Joseph Garland, MD; Martha Sanchez, MD; and Aadia Rana, MD. Alpert School of Medicine at Brown University, The Miriam Hospital, Providence, RI. **2018**
- 13th International Conference on HIV Treatment and Prevention Adherence. Retention in Care of HIV-positive postpartum females in Santiago, Dominican Republic. Neesha Nama; Inga Holmdahl; Martha Sanchez; Bienvenido Veras; and Aadia Rana, MD. Alpert School of Medicine at Brown University, The Miriam Hospital, Providence, RI. **2018**
- 2018 National Ryan White HIV Conference on HIV Care and Treatment. Improving HIV care retention and viral suppression through a coordinating program utilizing Ryan White services. Martha Sanchez, MD; Joseph Garland, MD; Aadia Rana, MD; Fizza Gillani, PhD. **2018**.
- 14th International Conference on HIV Treatment and Prevention Adherence. Evaluation of Barriers and Facilitators associated with adherence to care and antiretroviral therapy among HIV infected adults in Santiago, DR. Meghan McCarthy, Jun Tao, PhD, Alain Olivier Lerebours, Rachaell Diaz, Brittnie Miles, Claudia Rodriguez, MD, Aadia Rana, MD, Martha Sanchez, MD. **2019**
- CROI. Pharmacist driven Rapid ART reduces time to virologic suppression in Rhode Island. Amy L. Brotherton, Rajeev B. Shah, Joseph Garland, Meghan L. McCarthy, Fizza S. Gillani, Martha C. Sanchez. **2020**.
- HIV Transmitted Antiretroviral Resistance and Transmission Networks in the Dominican Republic. M.C. Sanchez, A. Lerebours, J.K. Darpolor, A. Manne, V. Novitsky, J. Hague, A. DeLong, D. Carlo, M. McCarthy, M. Solomon, C. Rodriguez, R. Kantor. ID Week 2022.

MARTHA CRISTINA SANCHEZ, MD

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

- 03/1998 - 05/1998. Padre Billini Hospital. Martha Sanchez, M.D. Heidi Guerra, Carlos Gonzalez, M.D. Incidence of Diabetic Neuropathy, Santo Domingo. Dom. Rep. Bio-INTEC Annual Meeting.
- 02/1999 - 05/1999 Gomez Patiño. Clinical Coordinator. Felix Diaz Rancaño, M.D.. Incidence of abdominal pain associated to Giardiasis in children of school age, Santo Domingo. Dom. Rep. Bio-INTEC Annual Meeting.
- 09/1999-11/1999. Gomez Patiño. Clinical Coordinator. Josefina Salas, M.D. Incidence of Diabetes Mellitus in adult patients that assisted the endocrinology consult at the Gomez Patiño Clinic, Santo Domingo. Dom. Rep. Bio-INTEC Annual Meeting.
- 02/2001 – 04/2001. Instituto Tecnológico de Santo Domingo. Martha Sanchez, M.D. Mariel Morey, M.D. Rafael Johnson, M.D. Incidence of Non-Psychotic Psychiatric Diseases of the Axis 1 applying the MINI (Mini International Neuropsychiatry Interview) in students of the INTEC, Santo Domingo. Dom. Rep. Bio-INTEC Annual Meeting.

INVITED PRESENTATIONS

Local

- 2010. Education on HIV to staff members of CURA and Broadway House. Newark, NJ.
- 10/2015. The Women's HIV Health Care Conference. New Bedford, MA. Keynote Speaker.
- 10/2011 The Women's HIV Health Care Conference. New Bedford, MA. Keynote Speaker.
- 12/2011. World AIDS Day. New Bedford, MA. Keynote Speaker.
- 3/2017. Preventing Community Acquired Pneumonia. Renaissance Adult Day Care Center. Providence, RI.
- 2017-current. Immunizations. Internal Medicine Residency Program. Brown University. Core lecture.
- 9/2018. HIV Treatment Update. ANAC RI Annual Education Day. Providence, RI. Invited Speaker.
- 10/2020. Primary Care for Unserved Populations. Family Medicine Interest Group at Warren Alpert Medical School. Brown University.
- COVID-19 and vaccines. Rhode Island Informa. 2020.
- 2021. El Camino: Becoming a Latinx physician. LatinX Medical Student Association. Brown University.
- COVID-19. Telemundo New England. Interviews. 2021.
- COVID-19 training videos. Spanish version. Rhode Island Department of Health. **2020-2021**.
- Improving Providence school student's vaccination rates. Bilingual format. In-school talks, special guest 211 call center. 2/2022, 3/2022.
- Latin American Perspectives on Medical Education Panel. Panelist. The Latinx Medical Student Association. Brown University. 10/2022.
- PLME Whole Patient Program. Invited Speaker. Brown University. 10/2022

Regional

- 10/2018. The Women's HIV Health Care Conference. New Bedford, MA. Keynote Speaker.
- 2022. Aging with HIV: A Clinical Update. American Academy of HIV Medicine. Guest Speaker. Newport, RI.
- 8/2022. HIV, diagnosis and care cascade. Providence/Boston CFAR Learning Community Program.

MARTHA CRISTINA SANCHEZ, MD

National

- 3/2018. HIV and Healthcare challenges in the Hispanic/Latino population. 2018 National Hispanic Medical Association 22nd Annual Conference. National Harbor, MD.
- 2021. Leadership Alliance- CFAR collaboration. COVID-19 and importance of engagement with underserved Communities.
- National CFAR meeting. CFAR Diversity, Equity, and Inclusion Pipeline Initiative (CDEIPI) project, Learning Community and Needs assessment. 11/2022.

International

- 2/2017. Diagnosis and Management of Active Pulmonary and Latent Tuberculosis. Hospital Regional Universitario Jose Maria Cabral y Baez. Santiago. Dominican Republic.
- 2/2018. Antimicrobial Stewardship and basics of antibiotic therapy. Hospital Regional Universitario Jose Maria Cabral y Baez. Santiago. Dominican Republic.
- 2021. APPNA MERIT. International Symposium. Hepatitis C. Guest Speaker
- 6/2021. HIV Transmitted Drug Resistance. Universidad Iberoamericana, Santo Domingo, Dominican Republic.

GRANTS

- 710-9126 Ryan White part C. 10% salary support. 2016-current.
- 710-9976 ACTG. 5% salary support. 2017-2020.
- Co-Investigator. Mobile Health Application to Improve HIV Medication Adherence (Ramsey). NIMH. 7/16/15-5/31/19.
- Principal Investigator. RI Foundation Grant. 2019.
- Principal Investigator. CFAR Developmental Grant. 2020.
- Co-investigator. Gilead 5773. 2020
- Principal Investigator. BPI Research Grant. 2020.
- Co-investigator. CoVID. 7/2020-11/2021
- Co-investigator. Novavax. 9/2020-11/2021
- Co-Investigator. ACTG A5401. 12/2020-2021.
- Co-Investigator. 1R34DA053738-01. NIDA. Improving Retention in care for persons with HIV who use substances by increasing acceptance and reducing stigma. 6/2021-5/2024

UNIVERSITY TEACHING ROLES.

- Framework in Global Health Scholarship. 2016. Mentor. Pranav Reddy.
- IDSA Medical Scholars Programs. 2017-2018. Neesha Nama.
- Alpert Medical School at Brown Community Health Connections Group. Overview of the Immunology Center. Focused groups. 8/2017
- Brown-Dominican Republic Exchange. Program Director. Department of Medicine, Rhode Island Hospital. Providence, RI. 2018-current.
- Emerging Infectious Disease Scholars (EIDS). Mentor. Meghan McCarthy 2019. David Arango 2022.
- Mary B. Arnold Mentor. Longitudinal mentorship to medical students. 2019-2020.

MARTHA CRISTINA SANCHEZ, MD

- Mentoring and Educating Diverse Students and Trainees to Excel as Physicians (MEDSTEP) Program Faculty. ODMA at Brown University. 2019-current.
- Faculty Advisor for Bilingual Medical Student Certification. Brown University. 2018-current.
- Academic Scholars Project. Mentor. Noah Lubin. Meghna Nandi. Roy Chen 2018-2020

HOSPITAL TEACHING ROLES

- Brown Internal Medicine Dominican Republic clinical rotation at Hospital Cabral y Baez. Support Attending. 2/2017, 2/2018, 2/2019. Santiago, Dominican Republic.
- Preceptor to Infectious Disease fellow's clinic at the Immunology Center. Bi-monthly. 3/2017-current. Providence, RI.